

Form A: Technical Proposal Submission Form

Name of Bidder:	Ústav výzkumu globální změny AV ČR, v. v. i.	Date:	August 30, 2019
RFP reference:	57887		

We, the undersigned, offer to provide the services for **RFP: Elaboration of Legal and Institutional Framework for Multi-hazard Early Warning System and Climate Information** in accordance with your Request for Proposal **No. 57887** and our Proposal. We are hereby submitting our Proposal, which includes this Technical Proposal and our Financial Proposal sealed under a separate envelope.

We hereby declare that our firm, its affiliates or subsidiaries or employees, including any JV/Consortium /Association members or subcontractors or suppliers for any part of the contract:

- a) is not under procurement prohibition by the United Nations, including but not limited to prohibitions derived from the Compendium of United Nations Security Council Sanctions Lists;
- b) have not been suspended, debarred, sanctioned or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization;
- c) have no conflict of interest in accordance with Instruction to Bidders Clause 4;
- d) do not employ, or anticipate employing, any person(s) who is, or has been a UN staff member within the last year, if said UN staff member has or had prior professional dealings with our firm in his/her capacity as UN staff member within the last three years of service with the UN (in accordance with UN post-employment restrictions published in ST/SGB/2006/15);
- e) have not declared bankruptcy, are not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against them that could impair their operations in the foreseeable future;
- f) undertake not to engage in proscribed practices, including but not limited to corruption, fraud, coercion, collusion, obstruction, or any other unethical practice, with the UN or any other party, and to conduct business in a manner that averts any financial, operational, reputational or other undue risk to the UN and we *embrace the principles of the United Nations Supplier Code of Conduct and adhere to the principles of the United Nations Global Compact.*

We declare that all the information and statements made in this Proposal are true and we accept that any misinterpretation or misrepresentation contained in this Proposal may lead to our disqualification and/or sanctioning by the UNDP.

We offer to provide services in conformity with the Bidding documents, including the UNDP General Conditions of Contract and in accordance with the Terms of Reference

Our Proposal shall be valid and remain binding upon us for the period of time specified in the Bid Data Sheet.

We understand and recognize that you are not bound to accept any Proposal you receive.

I, the undersigned, certify that I am duly authorized by Ústav výzkumu globální změny AV ČR, v. v. i. (CzechGlobe) to sign this Proposal and bind it should UNDP accept this Proposal.

Name: prof. RNDr. Ing. Michal V. Marek, DrSc., dr. h. c. _____

Title: ___Director_____

Date: ___30th August, 2019 _____

Signature: _____ [Stamp with official stamp of the Bidder]

Form B: Bidder Information Form

Legal name of Bidder	Ústav výzkumu globální změny AV ČR, v. v. i.
Legal address	Bělidla 986/4a 603 00 Brno
Year of registration	1 st January 2016
Bidder's Authorized Representative Information	Name and Title: prof. RNDr. Ing. Michal V. Marek, DrSc., dr. h. c., director Telephone numbers: +420 511 192 221 Email: centrum@czechglobe.cz
Are you a UNGM registered vendor?	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, [insert UGNM vendor number]
Are you a UNDP vendor?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, [insert UNDP vendor number]
Countries of operation	Seated in the Czech Republic, conducting research globally including operation of joint research sites in Vietnam, Latin America and Ghana
No. of full-time employees	FTE 221,75
Quality Assurance Certification (e.g. ISO 9000 or Equivalent) (If yes, provide a Copy of the valid Certificate):	No
Does your Company hold any accreditation such as ISO 14001 related to the environment? (If yes, provide a Copy of the valid Certificate):	No
Does your Company have a written Statement of its Environmental Policy? (If yes, provide a Copy)	Internal Regulation Code of Conduct 1/2017 (Etický kodex CzechGlobe) – attached Czech version and English translation
Contact person UNDP may contact for requests for clarification during Proposal evaluation	Name and Title: Ing. Mgr. Pavel Činčera Telephone numbers: +420 775 156 268 Email: pavel.cincera@ecn.cz
Please attach the following documents:	<ul style="list-style-type: none"> ▪ Company Profile, which should <u>not</u> exceed fifteen (15) pages, including printed brochures and product catalogues relevant to the goods/services being procured ▪ Certificate of Incorporation/ Business Registration ▪ Tax Registration/Payment Certificate issued by the Internal Revenue Authority evidencing that the Bidder is updated with its tax payment obligations, or Certificate of Tax exemption, if any such privilege is enjoyed by the Bidder ▪ Official Letter of Appointment as local representative, if Bidder is submitting a Bid in behalf of an entity located outside the country ▪ Power of Attorney

Form C: Joint Venture/Consortium/Association Information Form

Name of Bidder:	Ústav výzkumu globální změny AV ČR, v. v. i.	Date:	August 30, 2019
RFP reference:	57887		

To be completed and returned with your Proposal if the Proposal is submitted as a Joint Venture/Consortium/Association.

No	Name of Partner and contact information <i>(address, telephone numbers, fax numbers, e-mail address)</i>	Proposed proportion of responsibilities (in %) and type of services to be performed
1	<p>T.G. Masaryk Water research institute, p.r.i.</p> <p>Podbabská 2582/30, Praha 6, 160 00</p> <p>Phone: +420 220 197 313</p> <p>GSM: +420 724 215 773</p> <p>Fax: +420 233 333 804</p> <p>Email: pavel.balvin@vuv.cz</p>	25 % (Non key experts)
2	<p>DEKONTA, a.s.</p> <p>Dřetovice 109, 27342 Stehelčevy, Czech Republic</p> <p>Contact person: Ales Kulhanek, Ph.D.</p> <p>Email: kulhanek@dekonta.cz</p> <p>Phone Number: +420 235 522 252-3</p> <p>Fax number: +420 235 522 254</p>	25 % (Non key experts)
3	<p>Association Regional-Rural Development for Future Georgia</p> <p>Sídlem 4, Gabriel Isakadze Street, 0160 Tbilisi, Georgia</p> <p>ID: 404882980</p> <p>Zapsána v gruzínském registru nevládních organizací pod číslem B18046163</p> <p>zastoupena Vano Grigolashvili; Chairman</p>	20 % (National experts)

Name of leading partner

(with authority to bind the JV, Consortium, Association during the RFP process and, in the event a Contract is awarded, during contract execution)

Ústav výzkumu globální změny AV ČR, v. v. i.

We have attached a copy of the below document signed by every partner, which details the likely legal structure of and the confirmation of joint and severable liability of the members of the said joint venture:

Letter of intent to form a joint venture **OR** JV/Consortium/Association agreement

We hereby confirm that if the contract is awarded, all parties of the Joint Venture/Consortium/Association shall be jointly and severally liable to UNDP for the fulfillment of the provisions of the Contract.

Name of partner: **Association Rural Development for Future Georgia (RDFG)**



Signature: _____

Date: _____ 30th August, 2019 _____

Name of partner: **Ústav výzkumu globální změny AV ČR, v. v. i.**

Signature: _____

Date: _____ 30th August, 2019 _____

Name of partner: **DEKONTA, a.s.**

Signature: _____

Date: _____ 30th August, 2019 _____

Name of partner: **T.G. Masaryk Water research institute, p.r.i.**

Signature: _____

Date: _____ 30th August, 2019 _____

Form D: Qualification Form

Name of Bidder:	Ústav výzkumu globální změny AV ČR, v. v. i.	Date:	August 30, 2019
RFP reference:	57887		

If JV/Consortium/Association, to be completed by each partner.

Historical Contract Non-Performance

Contract non-performance did not occur for the last 3 years (2016, 2017, 2018)

Contract(s) not performed for the last 3 years

Year	Non- performed portion of contract	Contract Identification	Total Contract Amount (current value in US\$)
		Name of Client: Address of Client: Reason(s) for non-performance:	

Litigation History (including pending litigation)

No litigation history for the last 3 years (2016, 2017, 2018)

Litigation History as indicated below

Year of dispute	Amount in dispute (in US\$)	Contract Identification	Total Contract Amount (current value in US\$)
		Name of Client: Address of Client: Matter in dispute: Party who initiated the dispute: Status of dispute: Party awarded if resolved:	

Previous Relevant Experience

Please list contracts of similar value, nature and complexity implemented at least over the last 7 years

List only those assignments for which the Bidder was legally contracted or sub-contracted by the Client as a company or was one of the Consortium/JV partners. Assignments completed by the Bidder's individual experts working privately or through other firms cannot be claimed as the relevant experience of the Bidder, or that of the Bidder's partners or sub-consultants, but can be claimed by the Experts themselves in their CVs. The Bidder should be prepared to substantiate the claimed experience by presenting copies of relevant documents and references if so, requested by UNDP.

Project name & Country of Assignment	Client & Reference Contact Details	Contract Value (exchange rate 26 th August, 2019)	Period of activity and status	Types of activities undertaken
Preparation of materials for preparation of the Implementation Plan of the Adaptation Strategy of the Capital City of Prague on climate change. The Czech Republic	Hlavní město Praha Odbor ochrany prostředí MHP Mariánské nám. 2 110 01 Praha 1 Czech Rep.	498 181 CZK (21 475 USD)	18 Sept. 2017- 10 Dec. 2017 Successfully finished	In the 1st stage - adding analytical data and spatial vulnerability analysis. Stage 2 - Formulation of pilot projects, identification of implementation measures, economic and time evaluation of implementation options. Stage 3 - Preparation of adaptation monitoring. Stage 4 - Formulation of recommendations in the area of adaptation development in the city.
DriDanube Drought Risk in the Danube Region, Slovenia, Austria, The Czech Republic, Slovakia, Hungary, Romania, Croatia, Serbia, Montenegro, Bosnia and Herzegovina	Ministry for National Economy hosting the Managing Authority/Joint Secretariat of the Danube Transnational Programme 1051 Budapest, József nádor tér 2-4 Hungary	179 000 EUR (169 143 USD)	1 Jan. 2017 – 30 June 2019 Successfully finished	Capacity building (drought monitoring and management) of the Danube region to manage drought related risks. Helping all stakeholders involved in drought management become more efficient during drought emergency response

				and prepare better for the next drought period.
Contract for work: Zdobnice, Pěčín, construction of dam reservoir - pre-project preparation - 1st stage. The Czech Republic	Sweco Hydroprojekt a.s. Táborská 31, 140 16 Praha 4 Czech Rep.	363 000,00 CZK (15 647 USD)	18 Sept. 2017 – 27 Nov. 2017 Successfully finished	Processing of agri-climate outputs of the AgriClim model, including possible replenishment of groundwater supplies. In addition to the current climate (1961-2010), prepare agreed water balance parameters for 2020-2100 based on 3 regional climate models and the RCP 4.5 emission scenario. Current scenarios as well as variants with extreme changes are modeled. At the same time, variants of increasing retention capacity by 20 and 40% will be tested.
Contract for Work - Processing of methodological data.	Hlavní město Praha Odbor ochrany prostředí MhMP Mariánské nám. 2 110 01 Praha 1 Czech Rep.	492881 CZK (21 246 USD)	18 June 2018- 30 Sept. 2018 Successfully finished	Processing of methodological data and professional data in relation to temperature conditions in the city, investigation of attitudes and public participation and setting up a system of monitoring adaptations in the city.
Elaboration of expert analyzes of forest-economic, climatological, pedological and agricultural for the purposes of the project EHP-CZ02-OV1-039-2015. The output is a summary research report. The Czech Republic	EKOTOXA, s.r.o. Fišova 403/7 602 00 Brno Czech Republic	404 745 CZK (17 447USD)	9.Sept. 2015 - 20. Oct. 2015 Successfully finished	Spatial analysis based on climate analysis and scenarios development, climate change impact analysis and adaptation measures development

<p>INTERKLIM - Climatological cooperation for Czech - Saxon border area, Germany and the Czech Republic</p>	<p>Sächsisches Staatsministerium für Wirtschaft und Arbeit <i>Referat 36</i> Wilhelm-Buck-Straße 2 D-01097 Dresden</p>	<p>333 250 EUR (370 469 USD)</p>	<p>1 Jan 2013 – 31 Dec. 2014 Successfully finished</p>	<p>climate diagnosis for the years 1961-2010, development, assessment and provision of a transboundary projection of future climate development until the year 2100 based on current scientific methods, regional differentiated analysis of relevant climate parameters by considering the complex orographic conditions in the border area, initiation and improvement of the cross-border exchange of information about climate change</p>
<p>Mathematical modeling of climatic, hydrological and pedohydrological data for the purpose of project project EHP-CZ02-OV1-039-2015. The output is a summary research report. The Czech Republic</p>	<p>EKOTOXA, s.r.o. Fišova 403/7 602 00 Brno Czech Republic</p>	<p>202 070 CZK (8710 USD)</p>	<p>9.Sept. 2015 - 20. Oct. 2015 Successfully finished</p>	<p>Climate modelling and climate change monitoring.</p>
<p>Processing of prediction of selected climatic characteristics. The Czech Republic</p>	<p>Ekotoxa, s.r.o. Fišova 403/7 602 00 Brno Czech Republic</p>	<p>54 450,00 CZK</p>	<p>30 Nov. 2017 – 19 Dec. 2017 Successfully finished</p>	<p>Processing of prediction of selected climatic characteristics for the period 2021-2040, 2041-2060 and 2081-2100 including reference status in selected areas of PLA (protected landscape area) Beskydy mountains.</p>

Attached are the Statements of Satisfactory Performance from the Top 3 (three) Clients or more.

Financial Standing

Annual Turnover for the last 3 years	Year 2016	USD	9 499 590
	Year 2017	USD	11 703 818
	Year 2018	USD	12 484 688
Latest Credit Rating (if any), indicate the source	N/A		

Financial information (in US\$ equivalent)	Historic information for the last 3 years		
	Year 2016	Year 2017	Year 2018
	<i>Information from Balance Sheet</i>		
Total Assets (TA)	18 145 130	21 113 193	23 837 977
Total Liabilities (TL)	18 145 130	21 113 193	23 837 977
Current Assets (CA)	609 930	1 171 340	5 564 809
Current Liabilities (CL)	1 009 282	1 005 589	1 193 937
	<i>Information from Income Statement</i>		
Total / Gross Revenue (TR)	9 499 590	11 703 818	12 484 688
Profits Before Taxes (PBT)	23 246	12 822	66 812
Net Profit	23 246	8 971	59 868
Current Ratio	0,6	1,16	4,66

Attached are copies of the audited financial statements (balance sheets, including all related notes, and income statements) for the years required above complying with the following condition:

- a) Must reflect the financial situation of the Bidder or party to a JV, and not sister or parent companies;
- b) Historic financial statements must be audited by a certified public accountant;
- c) Historic financial statements must correspond to accounting periods already completed and audited. No statements for partial periods shall be accepted.

Form D: Qualification Form

Name of Bidder:	DEKONTA	Date:	August 30, 2019
RFP reference:	57887		

If JV/Consortium/Association, to be completed by each partner.

Historical Contract Non-Performance

<input checked="" type="checkbox"/> Contract non-performance did not occur for the last 3 years (2016, 2017, 2018)			
<input type="checkbox"/> Contract(s) not performed for the last 3 years			
Year	Non- performed portion of contract	Contract Identification	Total Contract Amount (current value in US\$)
		Name of Client: Address of Client: Reason(s) for non-performance:	

Litigation History (including pending litigation)

<input checked="" type="checkbox"/> No litigation history for the last 3 years (2016, 2017, 2018)			
<input type="checkbox"/> Litigation History as indicated below			
Year of dispute	Amount in dispute (in US\$)	Contract Identification	Total Contract Amount (current value in US\$)
		Name of Client: Address of Client: Matter in dispute: Party who initiated the dispute: Status of dispute: Party awarded if resolved:	

Previous Relevant Experience

Please list contracts of similar value, nature and complexity implemented at least over the last 7 years

List only those assignments for which the Bidder was legally contracted or sub-contracted by the Client as a company or was one of the Consortium/JV partners. Assignments completed by the Bidder's individual experts working privately or through other firms cannot be claimed as the relevant experience of the Bidder, or that of the Bidder's partners or sub-consultants, but can be claimed by the Experts themselves in their CVs. The Bidder should be prepared to substantiate the claimed experience by presenting copies of relevant documents and references if so, requested by UNDP.

Project name & Country of Assignment	Client & Reference Contact Details	Contract Value	Period of activity and status	Types of activities undertaken
Capacity Building in the Major Accident Prevention in Georgia Georgia	Czech Development Agency Nerudova 3, 118 50 Praha 1 Czech Republic Ms. Andrea Kulhava Tel: +420 251 108 171	77,700 EUR (85,000 USD)	11/2014 – 03/2017 completed	Implementing MAP (Major Accident Prevention) through the strengthening of legislative and technical capacities of the Ministry of Environment and Environmental Inspectorate. Mapping the existing valid legislation and data sources in Georgia, mapping of the authorities competences and preparation of the list of recommendations for harmonising existing legislation with EU regulations and relevant MEAs (multilateral environmental conventions, in particular UNECE TEIA - Transboundary Effects of Industrial Accidents Convention). Preparing the draft Law on MAP including its bylaws and guidelines on inspection procedures and methodologies for sampling. All together 6 training and workshops were organised in Czechia and Georgia.
Employing Czech experience in scaling-up the environmental impact assessment in Tajikistan: From legislation to implementation Tajikistan	UNDP-CP Tajikistan Aini Street 39, Dushanbe Tajikistan, 734024 Mr. Jurabek Sattorov jurabek.sattorov@undp.org	29,000 USD	7/2015 – 2/2016 completed	Reviewing Tajik law on EIA, proposals for corrective actions, organising study tour for representatives of Tajik government and NGO and training in environmental impact assessment (EIA) legislation, case studies, public participation in EIA process and Czech experience with EU EIA Directive

				implantation into the national legislation.
Transfer of know-how in the approach to eliminating environmental burdens in Mongolia – Phase I Mongolia	Czech Development Agency Nerudova 3, 118 50 Praha 1 The Czech Republic Mr. Frantisek Zouhar Tel: +420 251 108 171 E-mail: zouhar@czda.cz	550,000 USD	9/2013 – 2/2015	The key goals of the project were 1) review of the Mongolian environmental legislation and development of recommendations for its improvement 2) design of a new integrated GIS database of contaminated sites, 3) identification of contaminated hot-spots, 4) development of guidelines for contaminated sites management and administration of the contaminated sites database, for site survey, sampling, risk analysis and feasibility study 5) capacity building of governmental agencies
Transfer of Czech Knowledge - Contaminated sites management in Western Balkans Albania, Bosnia & Herzegovina, FYR of Macedonia, Kosovo, Montenegro and Serbia	UNDP Regional Centre Bratislava	84,600 USD	09/2013 – 01/2014 completed	Reviewing the existing situation in relation to compliance of industrial and mining related environmental legislation with relevant EU environmental acquis, mapping the industrial and mining hotspots in breach of the EU acquis and providing recommendations for future improvements/remediation in order to speed up the EU accession process. Organizing a study tour for representatives of WB countries.

Bidders may also attach their own Project Data Sheets with more details for assignments above.

Attached are the Statements of Satisfactory Performance from the Top 3 (three) Clients or more.

Financial Standing

Annual Turnover for the last 3 years	Year 2016	USD12077928
	Year 2017	USD 23975764
	Year 2018	USD26950369
Latest Credit Rating (if any), indicate the source	5786522 USD; Komerční banka a.s.	

Financial information (in US\$ equivalent)	Historic information for the last 3 years		
	Year 2016	Year 2017	Year 2018
	<i>Information from Balance Sheet</i>		
Total Assets (TA)	11570654	18488798	14032582
Total Liabilities (TL)	3039744	8248415	4602110
Current Assets (CA)	8776551	15194824	10685302
Current Liabilities (CL)	2812122	7932131	4435592
	<i>Information from Income Statement</i>		
Total / Gross Revenue (TR)	13570264	26728852	29252692
Profits Before Taxes (PBT)	107219	836879	2965147
Net Profit	87250	558217	2379462
Current Ratio	3.12	1.92	2.41

Attached are copies of the audited financial statements (balance sheets, including all related notes, and income statements) for the years required above complying with the following condition:

- a) Must reflect the financial situation of the Bidder or party to a JV, and not sister or parent companies;
- b) Historic financial statements must be audited by a certified public accountant;
- c) Historic financial statements must correspond to accounting periods already completed and audited. No statements for partial periods shall be accepted.

Form D: Qualification Form

Name of Bidder:	T.G. Masaryk Water research institute, p.r.i.	Date:	August 30, 2019
RFP reference:	57887		

If JV/Consortium/Association, to be completed by each partner.

Historical Contract Non-Performance

<input checked="" type="checkbox"/> Contract non-performance did not occur for the last 3 years (2016, 2017, 2018)			
<input type="checkbox"/> Contract(s) not performed for the last 3 years			
Year	Non- performed portion of contract	Contract Identification	Total Contract Amount (current value in US\$)
		Name of Client: Address of Client: Reason(s) for non-performance:	

Litigation History (including pending litigation)

<input checked="" type="checkbox"/> No litigation history for the last 3 years (2016, 2017, 2018)			
<input type="checkbox"/> Litigation History as indicated below			
Year of dispute	Amount in dispute (in US\$)	Contract Identification	Total Contract Amount (current value in US\$)
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Previous Relevant Experience

Please list contracts of similar value, nature and complexity implemented at least over the last 7 years

List only those assignments for which the Bidder was legally contracted or sub-contracted by the Client as a company or was one of the Consortium/JV partners. Assignments completed by the Bidder's individual experts working privately or through other firms cannot be claimed as the relevant experience of the Bidder, or that of the Bidder's partners or sub-consultants, but can be claimed by the Experts themselves in their CVs. The Bidder should be prepared to substantiate the claimed experience by presenting copies of relevant documents and references if so, requested by UNDP.

Project name & Country of Assignment	Client & Reference Contact Details	Contract Value	Period of activity and status	Types of activities undertaken
Water for Prague CZ.07.1.02/0.0/0.0/16_023/0000118	Prague Municipality Ing. Karel Andrlé, karel.andrle@praha.eu	29996786,68-Kč (1,176,000 USD)	2017-2018	applied research in the field of water quality
Overall reconstruction and extension of the water treatment plant, stage 0001 new water line - model for finding hydraulic quantities in Prague - Troja	Prague Municipality	1845000,- Kč (78,500 USD)	2016-2017	Hydraulic modelling of flood events, research
Support to government and public administration 1	Ministry of the Environment CR, Mgr, Lukáš Záruba, lukas.zaruba@mzp.cz	7 232 823,-Kč (307,800 USD)	2017	legislative support in state administration
Support to government and public administration 2	Ministry of the Environment CR, Mgr, Lukáš Záruba, Lukas.zaruba@mzp.cz	6 141 819,-Kč (261,300 USD)	2017	legislative support in state administration

Bidders may also attach their own Project Data Sheets with more details for assignments above.

Attached are the Statements of Satisfactory Performance from the Top 3 (three) Clients or more.

Financial Standing

Annual Turnover for the last 3 years	Year 2016	USD 6 479 142
	Year 2017	USD 7 414 459
	Year 2018	USD 8 924 351
Latest Credit Rating (if any), indicate the source	-	

Financial information (in US\$ equivalent)	Historic information for the last 3 years		
	Year 2016	Year 2017	Year 2018
	<i>Information from Balance Sheet</i>		
Total Assets (TA)	15 373 172	17 398 890	16 872 183
Total Liabilities (TL)	15 373 172	17 398 890	16 872 183
Current Assets (CA)	1 053 415	3 566 274	2 568 510
Current Liabilities (CL)	792 706	2 428 780	1 228 324
	<i>Information from Income Statement</i>		
Total / Gross Revenue (TR)	6 479 142	7 414 459	8 924 351
Profits Before Taxes (PBT)	99 733	777 611	380 440
Net Profit	99 733	675 340	332 315
Current Ratio	1,4	1,5	2

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Form D: Qualification Form

Name of Bidder:	Association Rural Development for Future Georgia	Date:	August 30, 2019
RFP reference:	57887		

If JV/Consortium/Association, to be completed by each partner.

Historical Contract Non-Performance

Contract non-performance did not occur for the last 3 years (2016, 2017, 2018)

Contract(s) not performed for the last 3 years

Year	Non- performed portion of contract	Contract Identification	Total Contract Amount (current value in US\$)
		Name of Client: Address of Client: Reason(s) for non-performance:	

Litigation History (including pending litigation)

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Previous Relevant Experience

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Project name & Country of Assignment	Client & Reference Contact Details	Contract Value	Period of activity and status	Types of activities undertaken
Managing Risks for Rural Development: Promoting Microinsurance Innovations	International Fund for Agriculture Development (IFAD) Reference: Michael J. McCord, Milliman michael.mccord@milliman.com	24,000 (USD)	2018 Completed	The project goal was to increase resilience, capacity to manage risks and improve livelihoods of poor rural households depending on off-farm and/or on-farm income generating activities in three selected countries: China, Ethiopia, Georgia. The objective of this assignment is to provide logistical and interpretation support to the MicroInsurance Centre at Milliman team to conduct qualitative research across three regions in Georgia, including focus group discussions and key informant interviews.
Capacity Building of Municipal DRR Working Groups and Municipal DRR Focal Points	Mercy Corps Reference: Irakli Kasrashvili, Mercy Corps (+995 32) 225 2471	20,000 (USD)	2016-2017 Completed	The project aimed to raise the capacity of DRR Working Groups and DRR Focal Points in 11 targeted municipalities and advocate to and work with regional and national government where required. The project was implemented in close collaboration with the LEPL Emergency Management Agency of the Ministry of Internal Affairs (EMA) and Veterinary Department of LEPL National Food Agency under the Ministry of Agriculture. A major

				activity of the project was to conduct research on Georgian policy and existing legislation on Disaster Risk Reduction & Animal Disease prevention considering the competences and powers of local governments, while identifying legal articles that are or can be used for strengthening the municipal & regional DRR mechanisms facilitated by the SDC-funded Alliances Caucasus Program. RDFG contributed to legislative analysis critical to the project's success, along with community mobilization.
Assistance in Safety Improvement of Tailings Management Facilities (TMF) in Armenia and Georgia	German Environment Agency (UBA) Reference: Kristine Sahakyan, Eco Peace (+374) 915 293 27 eco-peace @rambler.ru	63,075 (EUR)	September 2017 - October 2019 Ongoing	The goal of the project is to contribute to the improvement and strengthening of national capacities of authorized / component agencies and industrial enterprises in Armenia and Georgia, to improve the management of disasters caused by industrial accidents, including by those with transboundary impact, to increase the level of preparedness of industrial enterprises, selecting industrial storage basins (tailings) as target facilities. Within the framework of the project, the RDFG DRR Center team led an extensive legislative analysis, and participated in a research-based review and recommendation process.
Strengthening Community Resilience to Natural Disasters in Abkhazia and Samegrelo-Zemo Svaneti, Georgia	Action Against Hunger Reference: Anika Krstic, Action Against Hunger +995 599 800675 akrstic @sc.acfspain.org	12,307 (USD)	2013 Completed	The project aimed to provide nine days of training in Light Search & Rescue (LSR) Operations and conduct emergency simulations and evacuation drills for beneficiaries in eight targeted communities with the purpose to form and equip the Community Emergency Response Teams (CERT). The RDFG DRR center conducted legislative analysis, built the DRM capacity of involved Abkhaz and Svan CSOs, and provided technical assistance to local communities to develop Community Disaster Management

				Plans (CDMP) and design School Emergency Response Plans (SERP), including evacuation schemes. The DRR Center also conducted a survey, and performed a subsequent data analysis, on the livelihoods practices, opportunities, strengths, and weaknesses in communities in the high-mountain Mestia municipality.
Rural Development for Sustainable Growth of Tetrtskaro Municipality Georgia	European Commission (ENPARD Programme) Reference: Ketevan Khutsishvili, ketevan.khutsishvili@eeas.europa.eu	2,390,180 (EUR)	November 2016 – September 2020 Ongoing	<p>RDFG led the design of the local development strategy, a process which included a multipronged research approach, and encompassed surveys, KIIs, FGDs, and desk studies.</p> <p>Community Mobilization/Development</p> <p>Establish Local Action Group (LAG) (based EU LEADER approach) for improving the quality of life in rural areas through continuous and integrated local development initiatives in the targeted area.</p> <p>Facilitate elaboration of the community driven local development strategy and action plan for Tetrtskaro municipality</p> <p>Facilitate access to innovative environment friendly agricultural technologies- Demonstration Village</p> <p>Organize visits of interested farmers to the demonstration village. Demonstration Village (DV) is a collection of RDFG’s demonstration plots situated in Kvemo Kartli, Marneuli Region, on the 25 ha of agricultural arable land. Its purpose is to illustrate the modern agricultural production and processing technologies, provide extension service support for needed agricultural activities, provide necessary knowledge and expertise through RDFG Farmer Field Schools.</p> <p>Small and medium size grants issuing and monitoring: Provision of the technical expertise for the</p>

				selected applicants; recommendations for improvement of quality of submitted applications; monitoring of grants implementation.
Economic Development through Agricultural Assistance for IDP Farmers in Kvemo Kartli and Kakheti Regions (EDKK) Georgia	World Vision Germany Funded by: The Federal Ministry for Economic Cooperation and Development of Germany (BMZ) Reference: Hannes Reuter, Hannes.Reuter@wveu.org	310,125 EUR	January 2016 – July 2018 Completed	<p>Consultancy Provide consultancy for targeted farmers on establishing linkages with market; On-job supervision to targeted farmers on technology application on their farms;</p> <p>Training/Capacity building Provide training on value chains Build capacity of local farmers in business plan development Provide training for targeted farmers in application of modern agricultural technologies Facilitate the creation of agriculture specific, non-formal education opportunities for rural youth through the establishment of Young Farmer Centers (YFC) in the targeted regions. Establish demonstration plots for modern agricultural production and processing technologies Community Mobilization: Carry out information meeting and outreach for identification of the project beneficiaries, sensitization regarding the project deliverables and engagement on the needs and capacity assessment with target groups.</p>
Zrda Activity Georgia	Chemonics International Funded by: USAID	830,810 EUR	April 2016 – January 2021 Ongoing	The goal of the Zrda Activity in Georgia is to strengthen the skills, productivity, and networks of local actors – from vulnerable households to MSMEs – so that they can contribute to broad-based economic growth and strengthened resilience in target communities. RDFG implements Zrda’s youth and DRR components, including conducting significant research and community/ public sector engagement on emergency management.

				<p>Resilience building of targeted municipalities</p> <p>Conduct in depth legislative analysis of Georgian law on DRR/Environmental Crises Management, propose legislative amendments based on extensive field work.</p> <p>Support the target municipal governments to develop Emergency Response Plans in 17 municipalities. Strengthen the municipality's representation role with other DRR stakeholders on central and regional levels, especially related to the topics of municipal services with their line ministries during policy development/ consultations phases; Support municipal structures obtaining more clear liaising role between communities, state and non-state actors at all phases of emergency/crises management circle.</p>
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Bidders may also attach their own Project Data Sheets with more details for assignments above.

Attached are the Statements of Satisfactory Performance from the Top 3 (three) Clients or more.

Financial Standing

Annual Turnover for the last 3 years	Year 2016	USD 780,565
	Year 2017	USD 625,723
	Year 2018	USD 640,526
Latest Credit Rating (if any), indicate the source	N/A	

Financial information (in US\$ equivalent)	Historic information for the last 3 years		
	Year 2016	Year 2017	Year 2018
	<i>Information from Balance Sheet</i>		
Total Assets (TA)	3,280,187	3,053,776	2,400,993
Total Liabilities (TL)	3,239,383	2,956,947	2,343,882
Current Assets (CA)	3,210,669	2,953,861	2,278,445
Current Liabilities (CL)	9,823	34,719	19,382
	<i>Information from Income Statement</i>		
Total / Gross Revenue (TR)	780,565	625,723	640,526
Profits Before Taxes (PBT)	181,351	55,165	(33,823)
Net Profit	181,351	55,165	(33,823)
Current Ratio	326.85	85.08	117.55

Attached are copies of the audited financial statements (balance sheets, including all related notes, and income statements) for the years required above complying with the following condition:

- d) Must reflect the financial situation of the Bidder or party to a JV, and not sister or parent companies;
- e) Historic financial statements must be audited by a certified public accountant;
- f) Historic financial statements must correspond to accounting periods already completed and audited. No statements for partial periods shall be accepted.

Form E: Format of Technical Proposal

Name of Bidder:	Ústav výzkumu globální změny AV ČR, v. v. i.	Date:	August 30, 2019
RFP reference:	57887		

The Bidder's proposal should be organized to follow this format of Technical Proposal. Where the bidder is presented with a requirement or asked to use a specific approach, the bidder must not only state its acceptance, but also describe how it intends to comply with the requirements. Where a descriptive response is requested, failure to provide the same will be viewed as non-responsive.

SECTION 1: Bidder's qualification, capacity and expertise

- 1.1 Brief description of the organization, including the year and country of incorporation, and types of activities undertaken.

Ústav výzkumu globální změny AV ČR, v. v. i. (Bidder)

Ústav výzkumu globální změny AV ČR, v. v. i. - Global Change Research Institute of the Czech Academy of Sciences (CzechGlobe, <http://www.czechglobe.cz/en/>) is one of the research institutes belonging to the Czech Academy of Sciences (AVCR) and it is legal successor of Centrum výzkumu globální změny AV ČR, v. v. i. since 1 January 2016. The institute is seated in Brno, the Czech Republic and it has its own legal capacity. CzechGlobe as a research organisation focuses on environmental sciences, especially global climate change (GCC) and its research activities are rooted in 1980ties. Currently CzechGlobe implements with its more than 200 researchers, working in 16 scientific teams, more than 80 national and international basic and applied oriented research projects within e.g. EU programmes, national grant agencies, UN, bilateral, transnational programmes and contracted research projects with various partners (e.g. universities, research centres, governments, municipalities, SMEs, international companies) from all around the world. More details are attached in CzechGlobe company profile. The total annual budget CzechGlobe income in 2018 was 286 millions CZK (12.32 millions USD).

CzechGlobe hosts and operates unique research infrastructure that is member of the following international research infrastructure consortiums:

- ICOS ERIC (Integrated Carbon Observation System),
- ESFRI AnaEE (Analysis and Experimentations on Ecosystems),
- ESFRI DANUBIUS-RI (International Centre for Advanced Studies on River-Sea Systems),
- ESFRI eLTER RI (the Integrated European Long-Term Ecosystem, Critical Zone & Socio-Ecological Research Infrastructure),
- EUFAR AISBL (European Facility for Airborne Research in Environmental and Geo-Sciences),
- ESFRI ACTRIS (the European Research Infrastructure for the observation of Aerosol, Clouds and Trace Gases),
- ISBE (The Infrastructure for Systems Biology Europe).

CzechGlobe operates together with Vietnamese partners joint Czech – Vietnamese research station in Vietnam dedicated for long-term research of tropical biosphere. Other stations are prepared in Columbia, Ghana and Panama.

Annually more than 150 impacted research results (IF) at top scientific journals including Nature family journals are published by CzechGlobe researchers.

On of the long-term scientific activity is drought monitoring and forecast for the Czech and Slovak republics that became basis for similar research activities for the countries from all around the world including USA. English version is published on the websites <https://www.intersucho.cz/en/>.

T. G. Masaryk Water Research Institute (Partner)

The T. G. Masaryk Water Research Institute, public research institution, (TGM WRI p.r.i) was established as one of the first scientific institutes in the independent republic of Czechs and Slovaks. The Institute was founded as the State Hydrological Institute by the Ministerial Council Resolution on December 19, 1919. Since 1989, the Institute was transferred to the competence of the newly created Ministry of the Environment, and since 1993, it began to act as its contributory organization. As a public research institution, the Institute was established by the Measure No. 12/06 of the Ministry of the Environment of December 12, 2006 on the issuance of the deed of foundation of a public research institution. The Institute was included in the Register of Public Research Institutions administered by the Ministry of Education, Youth and Sports on 1st January 2007.

The purpose for which TGM WRI, p.r.i., was established, results from the deed of foundation. It is the research on status, use and changes of climate, hydrology, hydraulic and hydrogeology. The other status work is focused on aquatic ecosystems and their linkages in the landscape and related environmental risks, waste and packaging waste management, as well as the professional support of water protection, flood prevention based on the research mentioned above.

DEKONTA (Partner)

The Applicant, **DEKONTA, a.s.** (where "a.s." is a Czech equivalent to Inc.) is one of the leading European environmental companies performing its activities both in CEE countries, as well as in Balkan and Asian countries through its branch offices and subsidiary companies (in Poland, Slovakia, Hungary, Romania, Serbia and Russia), as well as through a network of local consultants.

Since the beginning of its existence (1992), DEKONTA has been actively involved in addressing environmental and waste management issues. In last ten years, DEKONTA has been involved in several know-how transfer and capacity building projects supporting east, south European, Balkan, central Asia and Caucasus countries (incl. Georgia) in developing their own environmental organizational structure, as well as their national legislation through transferring of Czech Republic's experience (as a young EU member).

DEKONTA operates its own 24/7 **emergency response service** for chemical and environmental accidents, which is part of the Czech integrated emergency response system. DEKONTA is also proud of its own research and technological department, where scientists develop new remediation technologies, as well as sustainable technologies for process and wastewater treatment.

Having long-term (more than 19-years) practical experience in the environmental field and being performing thousands of projects DEKONTA provides its Clients (financial institutions such as EBRD, UNEP, UNDP, WB, UNPROFOR/SFOR, NATO, etc.), governments, municipalities, as well as private investors) a comprehensive package of services, which (among others) comprise the following activities:

- **Capacity building and know-how transfer environmental development projects (Georgia, Moldova, Tajikistan, Mongolia, Bosnia and Hercegovina, Kyrgyzstan, Serbia, Armenia, Azerbaijan, Ukraine, Vietnam etc.);**
- Regulatory compliance reviews (comparison of local/EU/World Bank/IFC Waste legislation);
- Performing hydrogeological and geological surveys, contamination surveys and evaluation;
- Realisation of constructed wetlands and water management structures;
- Elaboration and implementation of **emergency and safeguarding plans** and waste management programs;
- Hazardous waste transport and disposal (Czech Rep., Moldova, Serbia, Mongolia, Sao Tome);

- Remediation of old environmental burdens incl. large hazardous waste landfills;
- Environmental and social due diligence audits and environmental and social analysis (Czech Republic, Slovakia, Hungary, Poland, Russia, Ukraine, Latvia, Georgia, Moldavia, Turkey, Kazakhstan, Serbia, Macedonia, Albania, Vietnam etc.);

In 2017, DEKONTA implemented more than 370 environmental projects and its annual turnover was approx. 27 million USD.

Association Rural Development for Future Georgia (Partner)

Association Regional-Rural Development for Future Georgia (RDFG) is a development and relief nonprofit organization founded in 2010 in Georgia to assist vulnerable communities in social and economic development and strengthen their self-resilience, often through programming focused on skill building and alternative, extracurricular education opportunities. RDFG is guided by the principles of gender mainstreaming, youth engagement, and innovation – incorporated in everything they do. RDFG works to improve the conditions of the most vulnerable people to prevent and alleviate human suffering and protect and respect human dignity with complete impartiality and no discrimination. The organization envisions a Georgia of resilient communities and liable government. Its main areas of operation are social-economic development and disaster management/ risk reduction. Within RDFG, the Disaster Risk Reduction (DRR) center leads on issues of environmental protection, sustainable development, disaster management, risk awareness, and environment- and geography- related policy issues.

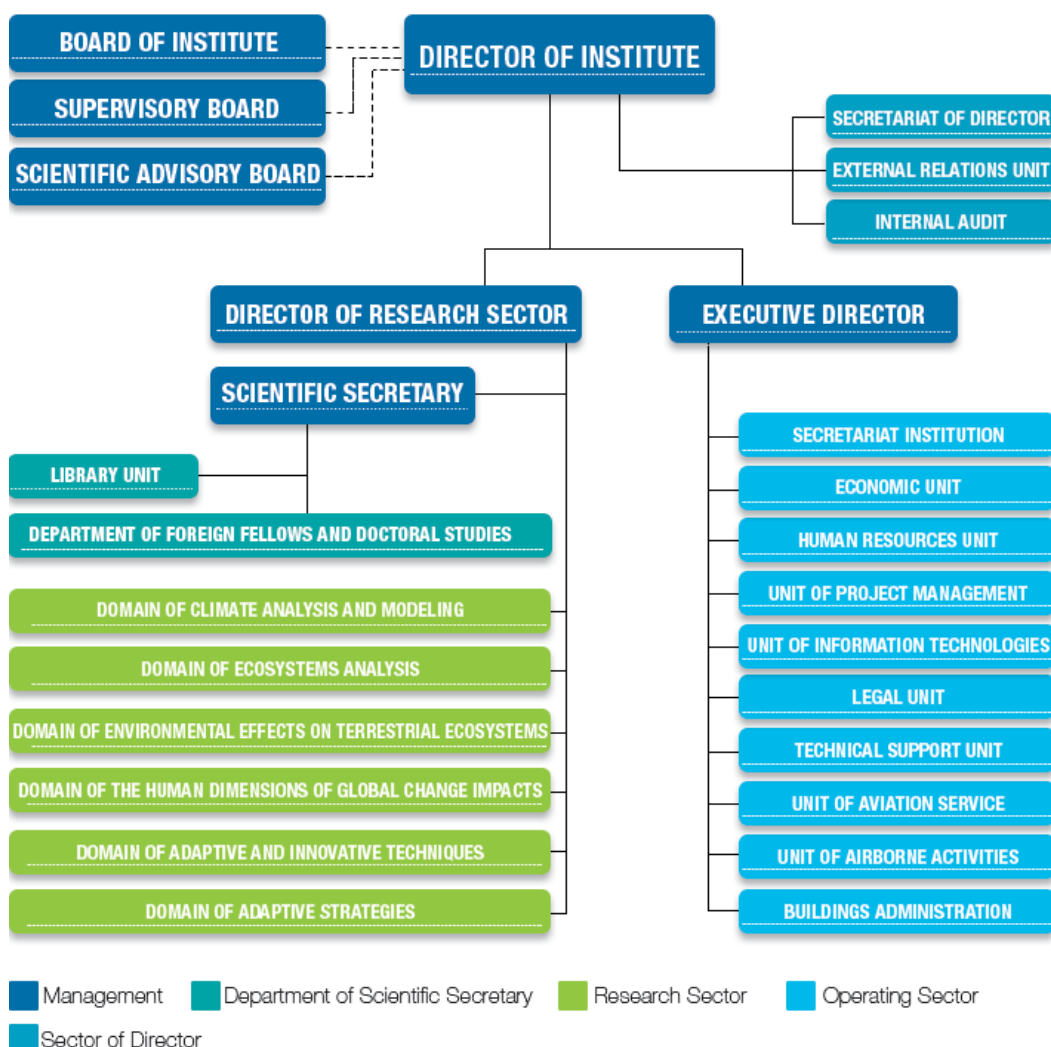
- 1.2 General organizational capability which is likely to affect implementation: management structure, financial stability and project financing capacity, project management controls, extent to which any work would be subcontracted (if so, provide details).

Ústav výzkumu globální změny AV ČR, v. v. i. (Bidder)

Management and administrative structure

CzechGlobe has organizational capability to successfully coordinate and implement proposed offer. It has experienced Economy, Project, HR units and other administrative units ready to carry out the tasks related with the project implementation. It is used line management with defined responsibilities and tasks. For the operational sector is responsible executive director (Dalibor Janouš) who is directly responsible to institute director Michal V. Marek and collective control and executive bodies (Supervisory Board of the Institute, Board of the Institute). The managerial structure is fully in line with the legislation and internal rules of the Czech Academy of Sciences. Administrative, managerial, financial, intellectual property and other specific issues are regulated by internal rules of the institute.

CzechGlobe organisational structure



Ability to ensure project ongoing financing (pre-financing of relevant costs)

CzechGlobe has managerial and implementation experience with various type of projects (e.g. national, international programs, contracted research, projects with SMEs, national and international public service, international companies from and various types of partners from all around the world). There is experience and designed processes to carry out projects with ex post funding avoiding to jeopardize the institute cash flow. Annually de lege, it is successfully audited whole institute's activities and finances by external independent certified auditor and regular external evaluations and controls organized by e.g. funding agencies or other entitled entities (e.g. ministry of finance).

The research infrastructure of CzechGlobe consists of 7 types of core elements.

1 Atmospheric station

The Křešín station near Pacov in Bohemian-Moravian Highlands is used as the national monitoring point of occurrence and distant long-range transport of greenhouse gases, selected pollutants and measurement of basic meteorological elements.

2 Network of ecosystem stations

Former stations in Bílý Kříž, Štítná, Třeboň, Křešín u Pacova and Rájec has been modernised and complemented with new stations in Lanžhot and Domanínek. The ecosystem stations enable precise monitoring and quantification of the fluxes of energy and greenhouse gases, in the basic types of ecosystems of the Czech Republic, and preparation of documents for detailed analysis and prediction of these fluxes.

3 Systems of long-term impact experiments

In order to ensure experiments with results enabling evaluation of interactions between effects of global climate change and independent environmental factors (such as influence on plant physiology, production processes, plant metabolism and adaptation mechanisms of plants) a phytotron halls with a cluster of growth chambers was built in the pavilion of experimental techniques.

4 Flying laboratory of remote research of the Earth

To enable imaging of the carbon cycle, a station of collection/reception and processing of flying and satellite data FLIS (Flying Laboratory of Imaging Systems) was built.

5 Central physiological, isotope and metabolomic laboratory

The laboratory is situated in a pavilion of experimental techniques in the CzechGlobe Centre in Brno. It has been used for studying processes of carbon assimilation and its further existence in the ecosystem.

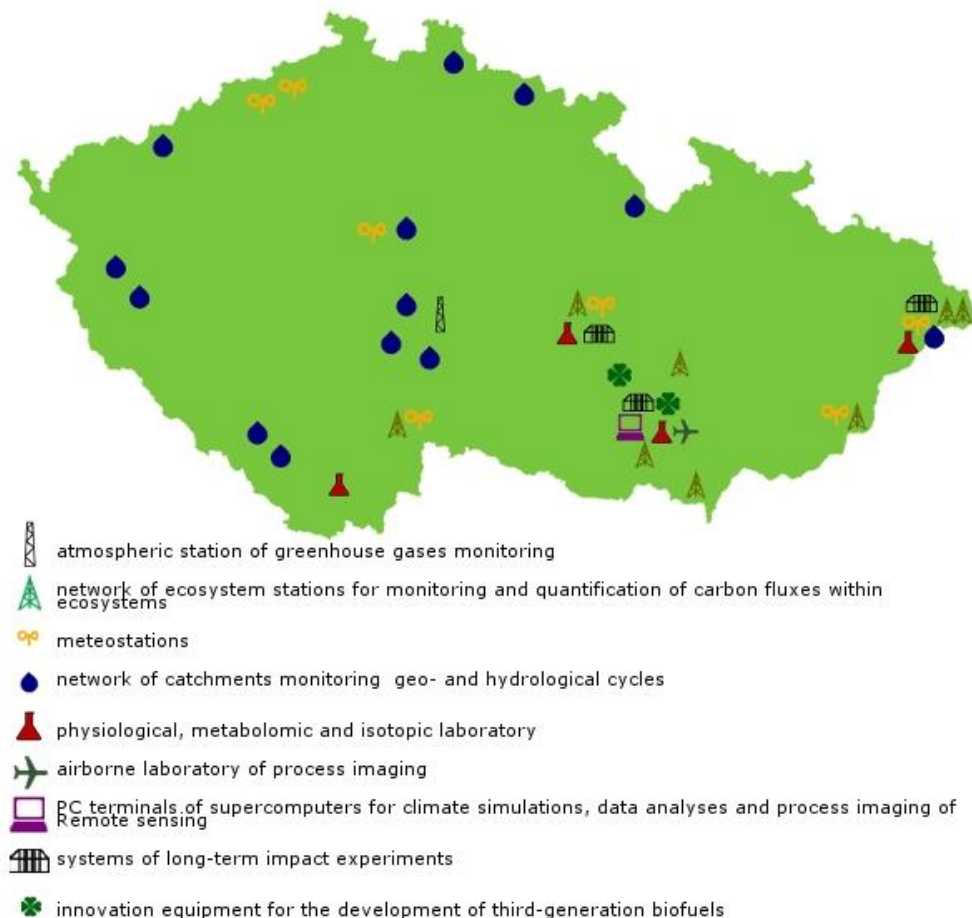
6 Cabinet of socio-economic studies

For the needs of researching the socio-economic dimension of GCC, a cabinet of socio-economic studies has been opened. Within the cabinet, a statistical and econometric model for the integrated evaluation of socio-economic impacts of GCC, including interactions between society and ecosystem services affected by GCC, has been launched.

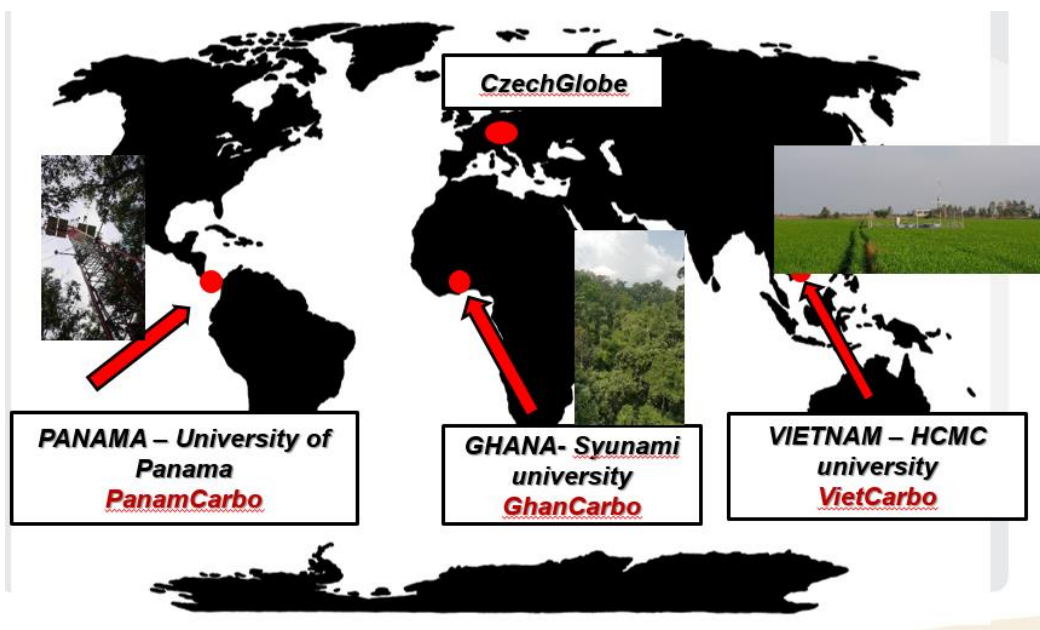
7 Education, information and demonstration centre

A Technical, Administrative and Training Centre is available at the Domanínek experimental site.

CzechGlobe Research infrastructure and its distribution around the Czech Republic



CzechGlobe Research infrastructure and its global research infrastructure distribution



T. G. Masaryk Water Research Institute (Partner)

Management and administration structure

The T. G. Masaryk Water Research Institute is public research institution. As a public research institution, the Institute was established by the Measure No. 12/06 of the Ministry of the Environment of December 12, 2006 on the issuance of the deed of foundation of a public research institution. The Institute was included in the Register of Public Research Institutions administered by the Ministry of Education, Youth and Sports on 1st January 2007.

The management of the institute is created by several sections:

Director

Section of the Deputy Director for Research and Professional Activities

Branch of Hydraulics, Hydrology and Hydrogeology

Branch of Analysis and Assessment of Environment Components

Branch of Water Protection and Informatics

Branch of Water Technology and Wastes

Brno Branch

Ostrava Branch

Branch of Applied Ecology

Centre for Assessing Proficiency of Laboratories (ASLAB)

Section of the Deputy Director for Economic and Operationally Technical Activities

Branch of Economy

Investment and Operating Branch

Branch of Services

Ability to ensure project ongoing financing (pre financing of relevant costs)

The institute has sufficient financial resources from public and non-public sources and is able to finance the project to such an extent in terms of pre financing of relevant costs.

The research infrastructure

The research infrastructure is divided in several specific branches and each of branches has several sub branches. All the research branches belongs to responsibility of Section of the Deputy director for research and professional activities.

Section of the Deputy Director for Research and Professional Activities

Branch of Hydraulics, Hydrology and Hydrogeology

Department of hydraulic

Department of hydrology

Department of hydrogeology

Branch of Analysis and Assessment of Environment Components

Department of hydrochemistry

Department of water microbiology

Department of hydrobiology

Department of radioecology

Branch of Water Protection and Informatics

Department of Summary Water Management Information

Department of Water Quality Protection

Department of GIS and cartography

Department of WRI HEIS

Branch of Water Technology and Wastes

Department of testing laboratory of water management installations

Department of standard chemical analysis

Department of water supply and waste water treatment

Department of waste management

Brno Branch

Department of water management

Department of water quality protection

Department of hydrochemistry

Department of hydrobiology

Department of informatics and operation

Ostrava Branch

Department of water and waste management

Department of standard chemical analysis

Department of water supply and waste water treatment

Department of waste management

Branch of Applied Ecology

Department of aquatic organisms ecology

Department of aquatic ecosystems protection

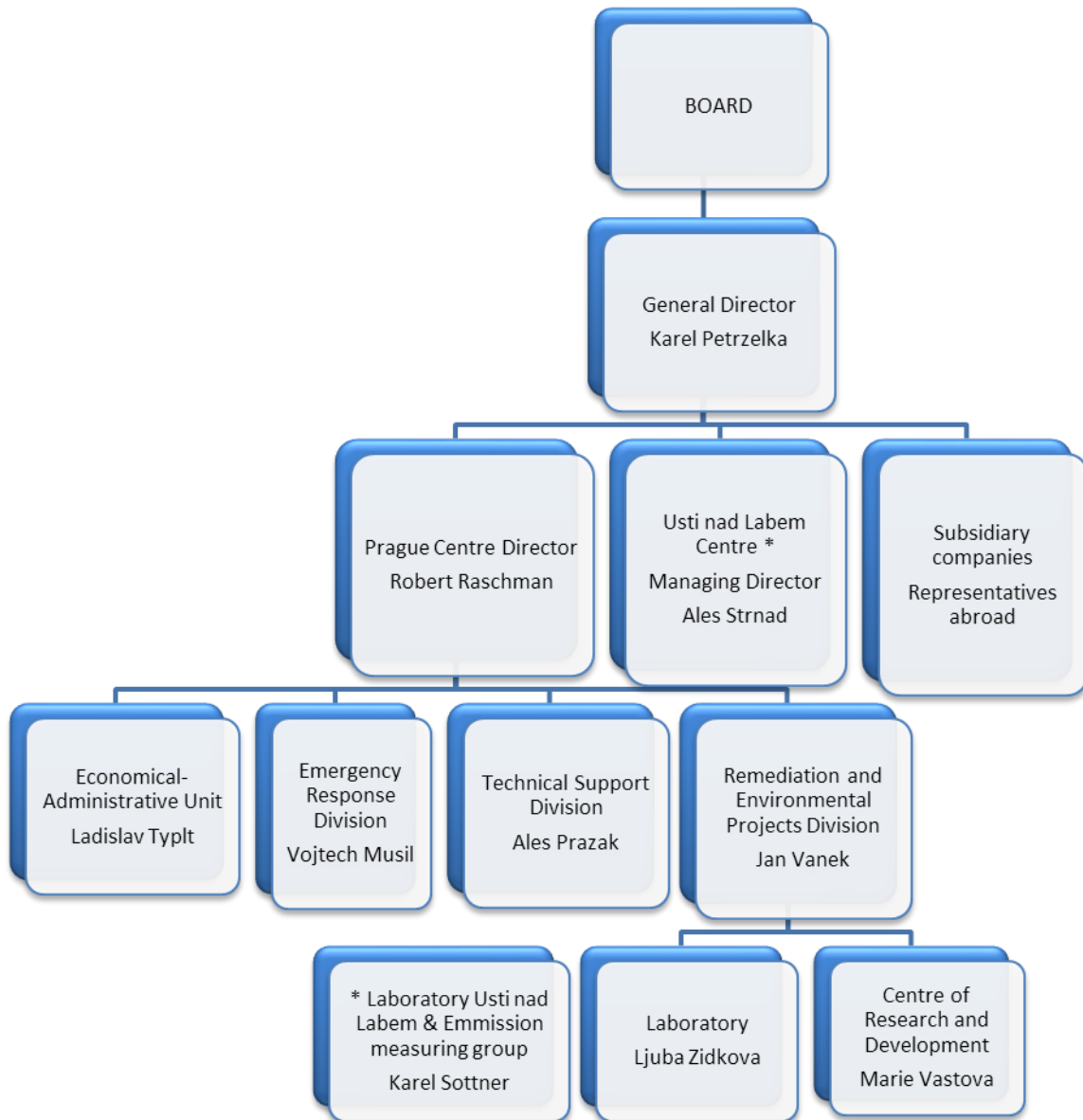
Special hydrobiology and ecology

The Institute has state-of-the-art equipment enabling the solution of demanding research tasks and commercial orders. Equipment is provided both technically and software. Together with the know-how of researchers, it is a powerful tool for tackling challenging challenges and challenges in the external economy

DEKONTA

Management and administration structure

DEKONTA understands that one key principle of the management towards achieving the project goals is to establish an effective organizational and management model providing the basis for common understanding and effective co-operation, communication and decision-making, and consequently to assign appropriate personnel to such model. The organizational structure of the company is the following:



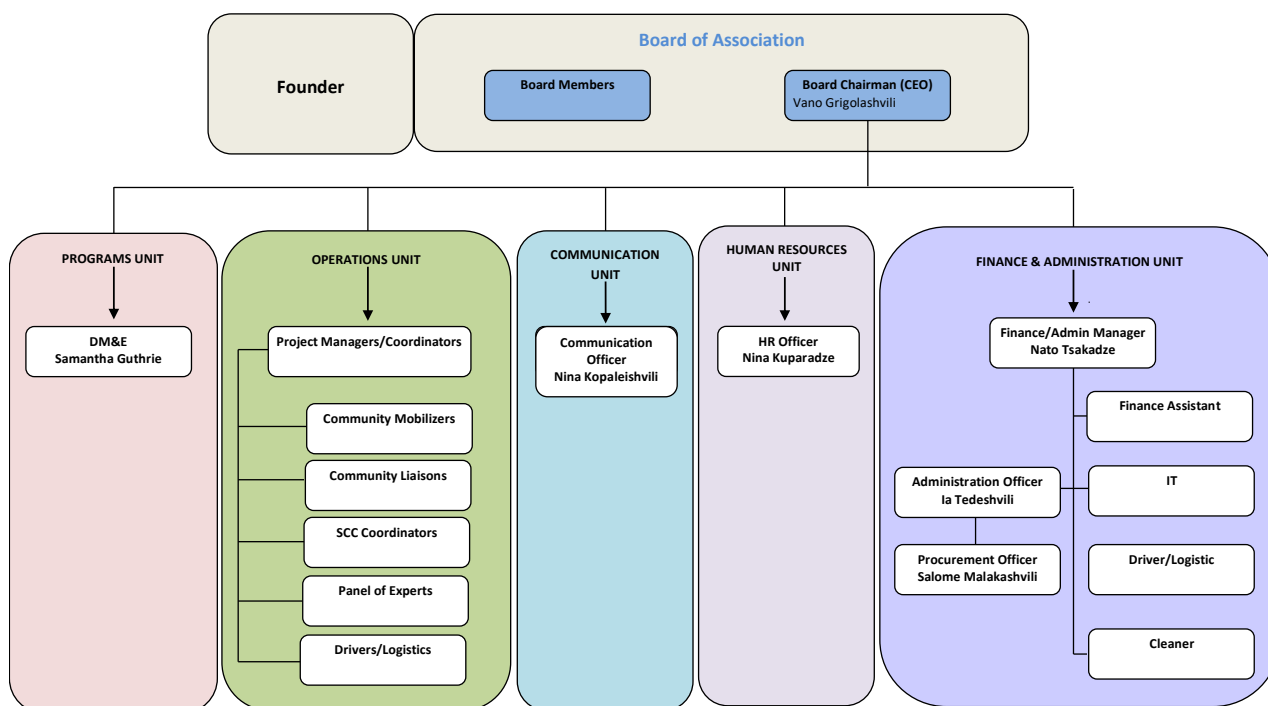
The involvement of above mentioned divisions in the project realization will be following: The main responsibility for the Project implementation will be with the experts of the Remediation and Environmental Project Division, as well as of the Emergency Response Division. The economical-administrative unit will be in charge of project accounting and will provide necessary logistical support.

Ability to ensure project ongoing financing (pre financing of relevant costs)

DEKONTA has a sufficient level of turnover and cash flow to finance the implementation of the project by its experts until receiving payments from the Client. Moreover, DEKONTA has an international insurance covering potential harm caused to the clients and partners.

Association Rural Development for Future Georgia (Partner)

Organigram:



RDFG conducts its accounting in accordance with Georgian legislation and international accounting standards. The organization's dedicated financial management team is responsible for ensuring that all the procurement and financial transactions are in line with the regulations described in the organizational financial guidelines' manual. RDFG has full organizational transparency in accordance with Georgian legislation and international standards for NGOs. RDFG shares information about its budget, donors, expenditures upon request. The performance of RDFG staff and the quality of the organization's work is demonstrated by project outcomes, shared in PR/communications documents on the organization's website and monthly newsletter, confirmed by intensive monitoring procedures. RDFG has continuing, open communication with donors including regular updates in according with the monitoring and reporting plan, and financial data is shared in the format requested by the donor.

The organization's annual turnover for the past three years averages approximately \$525,000. Over the past three years, RDFG's major donors have been World Vision International in Georgia, the European Union, USAID, BMZ, UN Agencies, Action Against Hunger, Save the Children International, amongst others.

None of the work within this project will be subcontracted to an outside organization. RDFG's team of in-house and part time consultants will serve as the project experts.

- 1.3 Relevance of specialized knowledge and experience on similar engagements done in the region/country.

Ústav výzkumu globální změny AV ČR, v. v. i.1. (Bidder)

Research sector

The research sector consists of six main domains which consist of several departments.

1.1 Domain of Climate Analysis and Modelling

The department's scientific focus covers a wide range of topics related to research on climate and its behaviour. It deals with issues related to analyses of past and current climate and climate modelling, including extreme phenomena and long-term trends. The department also uses global and regional climate models for modelling the future situation as well as for reconstructing past climate conditions. Another important subject area addressed within the department is quantification of climate change impacts on crop production and the search for suitable strategies to minimize their negative consequences.

1.1.1 The domain's main objectives

- a) development of methodology for modelling climate extremes and trends of climatic elements using historical climate characteristics and quantification of relationships between atmospheric circulation and surface climate elements;
- b) development and operation of a regional climate model featuring advanced generations of physical parameterizations and able to operate at very high spatial resolution as well as the creation of tools for constructing local probabilistic climate change scenarios, including to construct the climate change scenarios themselves; and
- c) preparation of a regional spatial study on GCC impacts on crop yields using growth models and preparation of propositions for adaptation measures while emphasizing the effects of drought, diseases and pests.

1.1.2 Departments belonging to the domain

Department of Climate Variability and Climate Change Analysis

Department of Climate Modelling

Department of Climate Change Impacts on Agroecosystems

Department of Atmospheric Matter Fluxes and Long-range Transport

1.2 Domain of Ecosystems Analysis

The Domain of Ecosystem Analyses receives, gathers and analyses information on carbon fluxes, sequestration and storage at various hierarchical levels (from molecules to landscape) primarily at the level of terrestrial ecosystems. Furthermore, it studies the impact of global climate change on particular ecosystems, such as forests and small catchment basins, as well as on selected animal communities.

1.2.1 The domain's main objectives

- a) long-term monitoring of greenhouse gas fluxes and meteorological parameters, conversion of quantitative and dynamic data to country-wide scale, and model estimation of their future development; proposals for measures to enhance ecosystems' abilities to capture CO₂ from the atmosphere and to deposit carbon over the long term;
- b) development of synchronization methods for aerial data imaging using passive imaging spectroscopy and active LiDAR scanning and their evaluation in order to obtain spectral-spatial characteristics of vegetation and ecosystems for generating maps of biochemical and biophysical parameters of vegetation as well as detecting stress in plants caused by various natural and anthropogenic factors; and
- c) evaluation and modelling of changes in the hydrological cycle of forest catchment basins, biogeochemistry of nitrogen in the forest ecosystem, forms and export of dissolved organic and inorganic carbon, and the amount of base cations in forest soils and waters as influenced by expected global climate and forest

management changes; proposals for measures to reduce the negative impacts of global climate change on the hydrological and biogeochemical cycles of forest catchment basins;

d) assessment of the impact of global climate change mainly on the population dynamics of insect pests, their natural enemies as well as population dynamics of certain rare species; analysis of the significance of bio-corridors in facilitating species migration and their survival under global climate change; proposals for biodiversity conservation measures.

1.2.2 Departments belonging to the domain

Department of Matters and Energy Fluxes

Department of Remote Sensing

Department of Biogeochemical and Hydrological Cycles

Department of Biodiversity Research

1.3 Domain of Environmental Effects on Terrestrial Ecosystems

The activities of this domain focus on the study and assessment of the effects of environmental factors (primarily increased CO₂ concentration, temperature, water availability, spectral composition of solar radiation, and modification in mineral nutrition) and their mutual interactions on metabolism, physiology, and production processes in plants at various hierarchical levels (ecosystem, plant, tissue) comprise a key condition for more accurately forecasting the impacts of global change on terrestrial ecosystems and formulating proposals for appropriate measures to mitigate these impacts.

1.3.1 The domain's main objectives

a) clarification of adaptive and regulatory mechanisms associated with the effects of global climate change (especially with increased concentrations of greenhouse gases, rise in temperature, drought, and changes in the spectral composition of radiation) on physiology, metabolism, and production processes in plants and development of methods for early diagnosis of the effects of stress factors; and

b) innovation in the methodological approach consists in the description of changes in the metabolic profile of plants when exposed to environmental stresses and in finding functional connections between the metabolic profile of plants and their physiological and/or phenological properties; identification of the main metabolic pathways in plants involved in plants' physiological adaptation and in the functional stability of ecosystems under the effects of global change.

1.3.2 Departments belonging to the domain

Laboratory of Ecological Plant Physiology

Laboratory of Metabolomics and Isotope Analyses

Department of Xylogenesis and Biomass Allocation

Department of Ecosystem Trace Gas Exchange

1.4 Domain of the Human Dimensions of Global Change Impacts

The effects of global change have distinct socio-economic aspects. Global and regional environmental changes significantly affect the level of human welfare. Global change is considered, at both expert and decision-making levels, as a phenomenon whose consequences must be taken into account when preparing long-term strategies, but particularly in the systematic investment of time, energy and funding into improving the adaptability of individual fields of human activities and entire national economies. Global change continues to be at the centre of attention of both the expert and general publics. Not only has it become an ecological, sociological and technical problem of the present, but it also has a strong political dimension with a global reach. This poses a great problem, as the political aspect of the global change issue significantly complicates rational decision-making. The domain's activities are thus aimed at using indicators and models for purposes of making integrated assessments of the impacts of global change on the services that ecosystems provide to people either directly or as a prerequisite for economic production.

1.4.1 Departments belonging to the domain

Department of the Human Dimensions of Global Change

Department of Carbon Storage in the Landscape

1.5 Domain of Adaptive and Innovative Techniques

Domain of Adaptive and Innovative Techniques focuses on developing methods and technologies for cultivating and researching photosynthetic microorganisms. As part of our research in this section, we are engaged in a detailed characterization of the investigated biological systems under a wide range of culturing conditions including natural conditions, predictive scenarios and conditions related to global change and industrial processes. The domain's activities are focused partly on acquiring deeper scientific understanding and partly on transforming basic research findings into practical applications.

During recent years, one aspect of the domain's work has been to create an infrastructure that would support research into and utilize the potential of photosynthetic microorganisms (especially algae and cyanobacteria) in biotechnological applications. Besides the abilities of these microorganisms to capture carbon dioxide from the atmosphere and industrial emissions, their biological activity may offer the basis for the production of next-generation biofuels and valuable biological substances such as carotenoids, unsaturated fatty acids, and various proteins.

3.5.1 Departments belonging to the domain

Department of Adaptive Biotechnologies

Experimental High-Performance Photobioreactor

1.6 Domain of Adaptive Strategies

2. Ongoing research

In the past CzechGlobe has been a part of research projects in different fields of global change studies, and have acquired a lot of experience.

Concerning the topic of disaster risk reduction, the Department of Climate Variability and Climate Change Analysis and Department of Climate Change Impacts on Agroecosystems (of the Climate Analysis and Modelling Domaine) have been involved in development of information systems and systems of early warning. Furthermore the Domain of Climate Analysis and Modelling engages in research of extreme events with emphasis on forestry and agriculture, adaptation on climate change, climate modelling, impact of climate and meteorological phenomena on ecosystems and human society.

Department of Climate Change Impacts on Agroecosystems pursues optimal organization of controlled ecosystems from the perspective of production and regulation cultural and supporting ecosystem public service, development of monitoring methods for early warning system and decision-making strategies in abiotic and biotic stressors and also strengthening of adaptive abilities through information technologies development and extending knowledge from research into practical life.

The Department of the Human Dimensions of Global Change (Human Dimensions of Global Change Impacts Domaine) is currently engaged in evaluation and modelling of ecosystem services, analysis of interactions between society and the natural environment and adaptation to climate change and disaster risk reduction. Furthermore the Department is involved in creating scenarios and modelling of social-ecological systems and observing anthropogenic changes on the planetary scale.

The T. G. Masaryk Water Research Institute (Partner)

The T. G. Masaryk Water Research Institute is a departmental organization of the Ministry of the Environment, which is responsible for water policy. On this basis, the institute is in charge of developing methodological approaches, implementing and developing legislation and applied research in the field of hydrological extremes, such as floods and drought. At the beginning of the 21st century, the T. G. Masaryk Water Research Institute was entrusted to evaluate this period of frequently occurring flood events and to prepare methodological changes in legislation aimed at improving prevention and risk management of flood events. Currently, the T.G. Masaryk Water Research Institute is involved in the national program to combat drought

in the context of climate change. As in the case of floods, it also creates legislative, methodological and software tools for drought management at national level in the event of drought.

DEKONTA (Partner)

DEKONTA is active in Georgia since 1997 through development projects, environmental due diligence, as well as through implementation of Green City Action Plan for Tbilisi capital. Through the implemented development projects in Georgia: “Capacity Building in the Major Accident Prevention (MAP) in Georgia” (2014 – 2017) and “Practical Training in the Design of Security Documentation according to SEVESO” (2017 – 2018), funded by the Czech Development Agency, DEKONTA significantly helped to harmonise the existing Georgian legislation with EU SEVESO Directive and UNECE TEIA - Transboundary Effects of Industrial Accidents Convention. The project resulted in preparation of a draft Law on Major Accidents Prevention including its several implementing bylaws and methodological guidelines. These projects are currently followed up by currently implemented project (funded by UNDP) “Enhancing Georgian Approach towards Emergency Preparedness and Management”.

From 2017 DEKONTA has been also implementing the project “Capacity building in the proper management of chemical substances”, through which the EU regulations REACH and CLP are being implemented into Georgian legal system and capacities of the responsible administrative structures are being built. This project is funded by the Czech Development Agency.

Association Rural Development for Future Georgia (Partner)

RDFG is the only organization in Georgia that actively understands DRR as an integral and critical part of all sustainable development. Thus, a large part of the organization’s efforts is directed towards working with communities to raise awareness on existing natural hazards and build their capacity in disaster management considering all four phases: response, recovery, mitigation/prevention, and preparedness. For this purpose, RDFG facilitates the establishment of voluntary groups of first responders to assist municipal structures in local disaster management plan design and provide technical support to the Georgian Emergency Management Service to strengthen national emergency management systems. RDFG has proved itself, over the nearly 10 years of its operations, to be a strong and capable national institution, demonstrated by its strong relationships with key players, continual satisfaction and appreciation from donors, and annual increases in funding and partnerships.

In the field of research, RDFG has conducted several relevant projects. Notably, the organization’s strengths include legislative review, public sector engagement, and close mutual relationships with beneficiary communities. RDFG is a leading civil society organization in Georgia and is active in working groups and cooperative forums. The DRR Center has conducted legislative reviews in the framework of several projects, including reviewing emergency management and preparedness guidelines for municipalities, analyzing and making recommendations on the safety standards for tailings management facilities, reviewing Georgian policy on DRR & animal disease prevention considering the competences and powers of local governments, while identifying legal articles that are or can be used to strengthen DRR mechanisms, and analyzed the legislation that supports and regulates the development of community and school emergency response plans. RDFG’s DRR Center has worked with schools to create disaster management plans and train teachers, administrators, and students on how to implement the plans in an emergency. The same template is now being applied at the municipal level. The Center has worked closely with EMS – central and municipal offices – to pilot a revision of the national emergency management plan requirements and development system for municipalities. RDFG is currently developing such plans in 17 municipalities as a pilot for EMS. In the framework of the changes in administrative structures within the Emergency Management Agency/Service, RDFG organizes regular Donor Coordination Conferences to help connect and align international donors with EMS priorities and strategies and to discuss current challenges and needs of the government.

1.4 Quality assurance procedures and risk mitigation measures.

Ústav výzkumu globální změny AV ČR, v. v. i. (Bidder)

Related to this specific project please refer to 2.2. and 2.4.

In general, the institute has a standard procedures being used in project management. Usually the system consists of: 1. Steering Committee consisting of each partner representative, 2. Quality review realized by Institute experts outside the project team.

T.G. Masaryk Water Research Institute (Partner)

Administrative and personnel aspects - The Institute has a high-quality professional and administrative team. The projects focus on areas where the expected outcomes in practice are still missing and demanded by potential users. The applicant will carry out a thorough cost control and budget execution throughout the project. The labour costs of the project are completely under the control of the applicant.

DEKONTA (Partner)

All the services provided by DEKONTA are managed by means of certified Quality Assurance, Environmental and Occupational Health and Safety Management Systems in accordance with EN ISO 9001:2001, ISO 14001:2004 and OHSAS 18001. DEKONTA has an international insurance covering potential harm caused to the clients and partners.

Association Rural Development for Future Georgia (Partner)

To ensure quality and high standards in all the work RDFG conducts, the organization has a comprehensive Operational Manual and a separate anti-fraud policy. All projects are implemented in line with RDFG's Operational Manual, which includes all HR, finance, procurement, and administrative policies. All projects undergo rigorous monitoring and evaluation, conducted in line with international standards. RDFG projects over \$10,000 are routinely audited, and the organization undergoes an annual audit.

1.5 Organization's commitment to sustainability.

Ústav výzkumu globální změny AV ČR, v. v. i. (Bidder)

Bidder has a Code of Ethics ensuring commitment to social, economic and environmental values:

Civilization values

CzechGlobe and its employee act with respect for civilization values, which are particularly human rights, principles of the rule of law and liberal democracy.

Human Dignity

CzechGlobe and its employee act with respect for every person so that they are not threatened with life or health and so that their dignity is not destroyed in any way due to their belonging to a particular social group or regardless of it.

Natural and cultural values

CzechGlobe and its employee act with respect for natural and cultural values.

Material values and intellectual property

CzechGlobe and its employee act with respect to material values and intellectual property.

DEKONTA (Partner)

Since 2007 DEKONTA committed to pursue an ethic of safe chemicals management and performance excellence as Responsible Care company. Responsible Care is a voluntary commitment by the global chemical industry to drive continuous improvement and achieve excellence in environmental, health and safety and security performance. Through improved performance, expanded economic opportunities and the development of innovative technologies and other solutions to societal challenges, DEKONTA contributes to sustainability.

Association Rural Development for Future Georgia (Partner)

As a Georgia-based organization, RDFG is deeply committed to sustainability. RDFG staff live and work in the communities in which they serve full time and are thus much more deeply rooted into the work than most international organizations. The connections RDFG has cultivated over the last decade with government organizations and the private sector, and the trust RDFG has built with local communities is unparalleled and supports more sustainable work. RDFG conducts long term monitoring and is committed to learning from all projects and activities, retaining accumulated knowledge and institutional memory, and sharing what works with colleagues and donors.

SECTION 2: Proposed Methodology, Approach and Implementation Plan

This section should demonstrate the bidder's responsiveness to the TOR by identifying the specific components proposed, addressing the requirements, providing a detailed description of the essential performance characteristics proposed and demonstrating how the proposed approach and methodology meets or exceeds the requirements. All important aspects should be addressed in sufficient detail and different components of the project should be adequately weighted relative to one another.

2.1 A detailed description of the approach and methodology for how the Bidder will achieve the Terms of Reference of the project, keeping in mind the appropriateness to local conditions and project environment. Details how the different service elements shall be organized, controlled and delivered.

According to ToR and requested tasks and responsibilities, we propose this general approach which will ensure both high quality of outputs and delivery of all tasks in time.

Role of Key experts (refer to 2.4 and 3.1)

The requested expertise will be guaranteed by Key experts with large experience in the topic. They will ensure utilization of proper methodology, supervise realization of all tasks and approve outputs.

Role of Non-key experts (refer to 2.4 and 3.1)

To ensure delivery in time, supporting, non-key, experts will be also hired. Their responsibility will be realization of the concrete tasks, communication and close cooperation with national experts and support to key experts (desk researches, collection of documentation, etc.). To ensure proper balance between theoretical and very practical approach (the results must be very practical and must be based on both state-of-the art knowledge and practical experience from ground) we identified non key experts with not only academic experience and background but also with very practical experience relating to Multi Hazard EWS and their utilization. We believe that to be able to deliver state-of –the art and practical result such combination is of utmost importance.

Role of National experts (refer to 2.4 and 3.1)

National experts will cooperate in description of national situation and in adaptation of international experience. National experts will also contribute in cooperation with national stakeholders. Consultations with national and subnational stakeholders will be organized during planned missions (refer to Project schedule).

Role of Coordinator (refer to 2.4 and 3.1)

Coordinator will ensure day-to-day management and will ensure internal performance monitoring.

Realization of different service elements – responsibilities, deadlines

Phase 1. Technical Note/annual work plan

Develop a detailed methodology, work plan and resourcing plan in close cooperation with UNDP project team and Chief Technical Advisor;

Responsibility: Coordinator. Other experts allocated: International expert (key expert) No 1 (DRR), International expert (key expert) No 2 (legal), National experts.

Methodology: the work plan will be developed to allocate sufficient time to each task. Expected timeframe is described in this offer (refer to 2.5), however some adjustment will be needed: start of the realization

must reflect time of contract signing and missions must be planned according to time availability of main national and subnational stakeholders.

Phase 2. Desk Research

1. Conduct in depth analysis of institutional set up for multi-hazard early warning components and climate information (multi-hazard mapping, vulnerability and risk assessment), that includes stakeholder mapping for each component and relevant capacity assessment. Considering the results of the stakeholder mapping composition of thematic working group for legal and institutional framework should be prepared in order to conduct thematic working group meetings during implementation of the assignment. The activity will be supplemented by a team of international experts hired under the project for development of multi-hazard mapping methodology and SoPs, international expert on institutional capacity assessment and international experts for forecasting models, to be hired by GCF project. At least 2 thematic working group meetings should be organized during implementation of the overall assignment, or more as deemed required by the service provider.
2. Identify gaps and specific needs for establishment/ improvement of institutional framework for multi-hazard early warning system, that includes definition of specific mandates and standard operation procedures in close cooperation with relevant stakeholders;
3. Prepare Capacity Development Plan Based on the needs for establishment/ improvement of the institutional framework; the activity will be implemented with the technical support from international expert on Institutional Capacity Assessment.
4. Review and in-depth analysis of legal framework for multi-hazard early warning components and climate information (multi-hazard mapping, vulnerability and risk assessment), that includes stakeholder mapping for each component and relevant governing laws and policy documents.
5. Identify the gaps and needs for development/amendment of specific policies and any other legal documents (by-laws, decrees etc.) to regulate components of multi-hazard early warning system and multi-hazard mapping, vulnerability and risk assessment based on the methodology and SoPs to be developed by the team of experts working on the issue;
6. Conduct review of existing practice and capacities for operation and maintenance of hydrometric monitoring network, identify gaps and develop recommendations for improving the protocol for O&M in close cooperation with relevant stakeholders (NEA, NFA, MEPA), including the Capacity Development Plan. The activity will be implemented with the technical support from International expert on Institutional Capacity Assessment to be hired by the project.
7. Review existing status of integrating climate induced flood and droughts risks management into water legislation:
 - a. Review in detail the policies, strategies and plans within the water management sector. Identify entry points in the policies and plans for introducing Climate Change induced flood and drought considerations within the water management sector.
 - b. Undertake detailed technical review studies on Climate Change impacts on the water resources sector in Georgia.
 - i. Review all existing practises, processes etc. Relating to how hydrological assessments of water resources (surface and ground water assessments) within each basin and the extent to which climate change considerations are included.

- ii. Review all existing practises, processes etc relating to water supply and demand assessments (Urban and rural domestic water supply demands, Irrigation demands, Industrial and mining demands, Environmental Flow Requirements) and identify whether climate change induced flood and drought considerations are systematically included.
- iii. Review all existing practises, processes etc relating to river basin water allocation assessments and identify whether climate change-induced flood and drought considerations are systematically included.
- c. Review of existing River Basin Management Planning practice, methodology and procedures in Georgia.

Responsibility: International expert (key expert) No 1 (DRR), International expert (key expert) No 2 (legal). Cooperation with Non Key experts and National experts.

Methodology: Desk research (collecting and review of documents, strategies and policies), but accompanied by series of Skype conferences with National experts. National experts will ensure all relevant documents and strategies and will provide consultations to International experts. In frame of this activity one mission (M1, refer to 2.5) will be realized to collect necessary information and to discuss preliminary proposed solutions with national and subnational stakeholders. International experts from both teams (Non key experts) and Coordinator will participate in the mission.

Phase 3. Institutional Framework for multi-hazard early warning system

1. Develop structural set up for Early Warning System with clarification of roles, responsibilities and institutional arrangements for EWS at all levels, particularly the communication and dissemination of early warning to be reviewed and validated by relevant stakeholders on thematic working groups.
2. Develop Standard Operational Procedures, Communication Protocols and Codes of Conduct for each of the agencies responsible for the various elements of the MHEWS and response, to be implemented in close cooperation with relevant stakeholders.
3. Develop a set of procedures for operational maintenance of hydrometric monitoring network, to be validated and approved by relevant stakeholders. The activity should be implemented in close cooperation with international expert on hydrometeorological network to be hired by GCF project.

Responsibility: International expert (key expert) No 1 (DRR). Cooperation with Non Key experts and National experts.

Methodology: Desk work, outputs of previous Phase will be utilized and Czech and other international experience as well. In frame of this activity one mission (M2, refer to 2.5) will be realized to collect necessary information and to discuss preliminary proposed solutions with national and subnational stakeholders. International expert (Non key expert) from DRR and EWS Team will participate in the mission.

Phase 4. Legal framework for multi-hazard early warning system and multi-hazard mapping, vulnerability and risk assessments

1. Prepare/amend relevant policy documents by-laws, laws, etc. to regulate all components of multihazard early warning system in close cooperation with the legal staff from relevant stakeholders;
2. Prepare/amend relevant policy documents, laws, by-laws to reflect the requirements of unified methodologies and relevant SoPs for multi-hazard mapping, vulnerability and risk assessments in close cooperation with legal staff from relevant stakeholders;
3. Provide inputs to ensure integration of climate induced flood and droughts risks management into water legislation, through:
 - a. Development of recommendations for incorporating climate change induced flood and drought considerations into all aspects of the practices, processes and plans for water resources hydrological assessments, water demand assessments, and water allocation assessments. Incorporation of the EU Guidance document No. 24 – River Basin Management in a Changing Climate – into water legislation.
 - b. Consultation with sector leaders on findings of study and invite comments on recommendations.
 - c. Development and codifying detailed methodologies for incorporating CC flood and drought modelling results into risk assessments, strategies, policies and plans for water resources management.
 - d. Development and finalisation of robust sector policies and legislative frameworks and guidelines incorporating climate change induced flood and drought risk management into water legislation, including enabling guidelines and/or tools for effective implementation of new policies.
 - e. Development of capacity building roadmap on how to integrate new policies, plans and strategies into water management planning, including management tools that will be needed for implementation and enforcement for new policies. This activity will be conducted in association with the Institutional Capacity Development expert.
4. Development of a roadmap for implementation and embedding of the new legislation, policies etc. within relevant institutions along with development of Capacity Development Plan for development of climate risk informed legislation across all sectors.

Responsibility: International expert (key expert) No 2 (legal). Cooperation with Non Key experts and National experts.

Methodology: Desk work, outputs of previous Phase will be utilized and Czech and other international experience as well. In frame of this activity one mission (M3, refer to 2.5) will be realized to collect necessary information and to discuss preliminary proposed solutions with national and subnational stakeholders. International expert (Non key expert) from Legal and Policy Team will participate in the mission.

2.2 *The methodology shall also include details of the Bidder's internal technical and quality assurance review mechanisms.*

Bidder's internal technical and quality assurance review will be based on internal review of deliverables by his experts outside the project team. Their review and recommendations will be reported to Steering Committee (refer to 2.4).

2.3 *Explain whether any work would be subcontracted, to whom, how much percentage of the work, the rationale for such, and the roles of the proposed sub-contractors and how everyone will function as a team.*

The work will not be subcontracted and will be ensured by Bidder and consortium members.

2.4 *Description of available performance monitoring and evaluation mechanisms and tools; how they shall be adopted and used for a specific requirement.*

The monitoring and evaluation is based on project team structure (refer to 3.1).

Bidder's performance monitoring and evaluation mechanism and tools:

1. Steering Committee (SC)

SC will consist from appointed representatives of Bidder and each participant. SC will meet quarterly, but also before each deadline for delivery to give internal approval to deliverables. SC minutes will be at disposal to the Client, if requested. SC will use review of deliverables conducted by experts working independently on the project team.

2. Coordinator

Coordinator will ensure project day-to-day management and planning and will prepare regular reports to SC and will immediately report any changes or risks which may affect the project and quality of the deliverables. Coordinator will collect monthly reports from each expert, when reports of non key experts must be approved by relevant key expert.

3. 2 Key experts will be responsible for delivery in time and at expected quality. They will review and approve internal outputs of non key experts. Key experts will report to Coordinator.

4. Non key experts will be responsible for realization of tasks appointed to them by key experts. They will report to Coordinator after their relevant Key expert approval.

5. National experts will be responsible for realization of tasks appointed to them by key experts according to their ToR. They will report to Coordinator after their relevant Key expert approval.

2.5 Implementation plan including a Gantt Chart or Project Schedule indicating the detailed sequence of activities that will be undertaken and their corresponding timing.

Project schedule

Month / Task	October 2019	November 2019	December 2019	January 2020	February 2020	March 2020	April 2020	May 2020	June 2020	July 2020	August 2020	September 2020
1.1												
2.1			M 1									
2.2			M 1									
2.3			M 1									
2.4												
2.5			M 1									
2.6			M 1									
2.7												
3.1					M 2							
3.2					M 2							
3.3					M 2							
4.1										M 3		
4.2										M 3		
4.3										M 3		
4.4										M 3		

M - Missions are scheduled to map the situation and consult with stakeholders:

Three missions: M1, M2, M3 are scheduled.

Participation in the missions:

M1: Coordinator, International expert (Non key expert) from DRR and EWS Team, International expert (Non key expert) from Legal and Policy Team

M2: International expert (Non key expert) from DRR and EWS Team

M3: International expert (Non key expert) from Legal and Policy Team

2.6 *Demonstrate how you plan to integrate sustainability measures in the execution of the contract.*

Know how transfer shall be an integral part of the project.

1) National experts will be firmly included into working team, when expert leadership shall be provided by key experts and expert support will be ensured by non-key experts.

2) During the missions and stakeholders' consultations workshops will be organized to collect necessary information from national and subnational levels, but also to present international experience.

Thus an international know how will stay in country and the project will have also significant know how transfer segment.

2.7 *Any other comments or information regarding the project approach and methodology that will be adopted. N/A*

SECTION 2A: Bidder's Comments and Suggestions on the Terms of Reference

Provide comments and suggestions on the Terms of Reference, or additional services that will be rendered beyond the requirements of the TOR, if any.

The suggestions are used in the solution which we propose:

1) To build wider team from key and non key experts, because the requested expertise is wide and the tasks are time demanding.

2) To organize several missions to map national situation and to consult properly proposed solutions and know how transfer and adaptation of Czech experience with national and subnational stakeholders.

3) To build team with proper balance of experts with academic background and practical experience (including also experts and officers with an experience from emergency situation services).

SECTION 3: Management Structure and Key Personnel

3.1 Describe the overall management approach toward planning and implementing the project. Include an organization chart for the management of the project describing the relationship of key positions and designations. Provide a spreadsheet to show the activities of each personnel and the time allocated for his/her involvement.

1. Steering Committee (SC)

SC will consist from appointed representatives of Bidder and each participant. SC will meet quarterly, but also before each deadline for delivery to give internal approval to deliverables. SC minutes will be at disposal to the Client, if requested. SC will use experts outside the project team to ensure independent review of the deliverables.

2. Coordinator

Coordinator will ensure project day-to-day management and planning and will prepare regular reports to SC and will immediately report any changes or risks which may affect the project and quality of the deliverables. The project management will be organized with help of MS-Project tool. Coordinator will be supported by administrative staff (assistant and translator)

Coordinator will collect monthly reports from each expert, when reports of non key experts must be approved by relevant key expert. Coordinator will communicate with the Client on daily basis. In case of major changes (deadlines, extra works requested, and changes in ToR) he will inform SC and must seek SC approval. Coordinator will be responsible for preparation of detailed ToR of all experts involved (expert's ToR must be approved by SC).

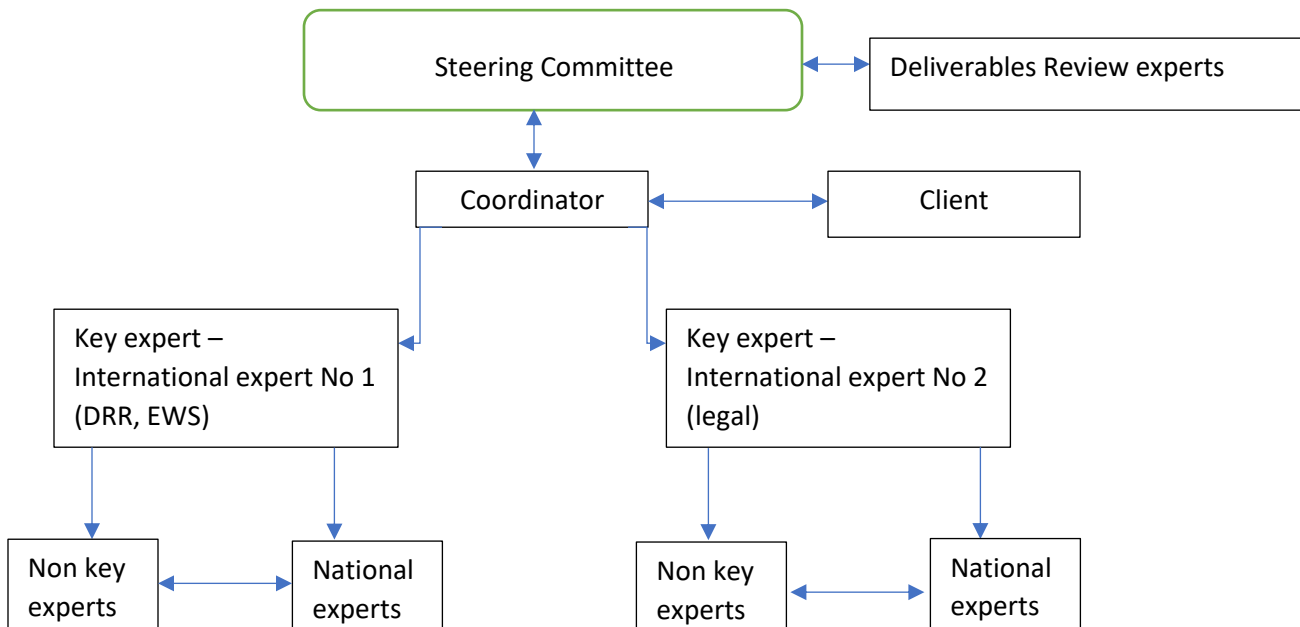
3. 2 Key experts will be responsible for delivery in time and at expected quality. They will review and approve internal outputs of Non key experts. Key experts will report to Coordinator.

4. Non key experts will be responsible for realization of tasks appointed to them by key experts. They will report to Coordinator after their relevant Key expert's approval.

5. National experts will be responsible for realization of tasks appointed to them by Key experts according to their ToR. They will report to Coordinator after their relevant Key expert's approval.

6. Deliverables Review experts – experts outside the project team. SC will ask them to provide SC with their review (refer to 2.2).

Project team scheme



Staff and time allocation to tasks

Task	Responsible person	Other staff allocated	Working days allocation (150wd in total)	Deadline	Internal deadline for final check / person responsible for internal approval
Phase 1	Coordinator	International expert No 1 International expert No 2 National experts	10	2 weeks after contract signing	1.5 weeks after contract signing / CzechGlobe director
Phase 2	International expert (key expert) No 1 (DRR) International expert (key expert) No 2 (legal)	Non key experts National experts Coordinator	50	31 st December 2019	15 th December 2019 / Coordinator
Phase 3	International expert (key expert) No 1 (DRR)	Non key experts National experts Coordinator	50	31 st May, 2020	15 th May, 2020 / Coordinator
Phase 4	International expert (key expert) No 2 (legal)	Non key experts National experts Coordinator	40	15 th September, 2020	1 st September 2020 / Coordinator

- 3.2 Provide CVs for key personnel that will be provided to support the implementation of this project using the format below. CVs should demonstrate qualifications in areas relevant to the Scope of Services.

Coordination

Name of Personnel	Pavel Činčera
Position for this assignment	3.1a Coordinator (CzechGlobe)
Nationality	Czech
Language proficiency	Czech: native English, Russian: excellent Slovak: intermediate
Education/ Qualifications	<i>[Summarize college/university and other specialized education of personnel member, giving names of schools, dates attended, and degrees/qualifications obtained.]</i> 2013-2016 Czech Technical Univerzity in Prague - Master's degree (Ing.) - Economics 1989-1994 Charles University – Master's degree (Mgr.) – Geology, environment 1985-1989 U libenskeho zamku, Praha, Czech Republic – High School - Graduation
Professional certifications	<i>[Provide details of professional certifications relevant to the scope of services]</i> <ul style="list-style-type: none"> ▪ Name of institution: [Insert] ▪ Date of certification: [Insert]
Employment Record/ Experience	<i>[List all positions held by personnel (starting with present position, list in reverse order), giving dates, names of employing organization, title of position held and location of employment. For experience in last five years, detail the type of activities performed, degree of responsibilities, location of assignments and any other information or professional experience considered pertinent for this assignment.]</i> Membership of professional bodies: 2004 – 2011 Committee for Industrial Change (European Economic and Social Committee), Brussels. Consultancy (policy papers, opinions, strategies at EU level) Position: Delegate, Expert (from 2010). Member of study groups, co-rapporteur (deputy of study group leader) of several study groups (international trade, raw materials, education, sustainable development, climate changes, energy savings Experience from work in a multicultural environment: I have worked in Central Asia, South Asia, Southeast Asia, Middle East and Africa as a project manager, trainer and researcher. I have led multinational teams in frame of several projects and in several countries. I have a large experience from my work in international environment and from field missions in (Central and South East Asia, Western and Eastern Africa, Middle East), including field work in difficult political and security environment in Nigeria or Uzbekistan. During last two years I conducted number of consulting and trainings focused on Disaster Risk Reduction (Albania, Armenia, Kyrgyzstan, BiH, Serbia) and on Climate change issue (Tajikistan, Kyrgyzstan, Kazakhstan, Uganda).

I lead a consultation on Climate change at top governmental level in Kyrgyzstan (first vice premier).

Managerial skills:

I have worked as a CEA of small company and NGO since 1992. I was responsible for dozens of projects financed by both private and public sector.

Technical skills:

Windows, MS Office, OpenOffice.org, Internet, PC hardware.

Specific skills:

Capacity building, institutional assessment, market research, business development, climate financing and institutional frameworks, various security and military trainings and courses were completed.

Present position:

Freelance environmental consultant. Clients: Ministry of Environment CR, OSCE, UNDP, FAO, REC for CEE, G.I.Z., various companies.

And

Commercial intelligence, market research consultant. Clients:

CEERESEARCH, Location: Czech Republic, BSRIA, Location: UK, Orrani Consulting, Ltd. (UK), Pink Flamingo (UK)

And

CEO of BEZK, non for profit organization (institute)

I focus on two at first glance very different fields. My first area of expertise is environmental protection, climate changes, strategic planning, financing environmental and climate projects (with specific focus on Green Climate Fund), eco-journalism and good governance in environmental protection; my other area of interest is business intelligence. I have been the director of the Czech non-profit organization BEZK since 1992. We operate the most widely read environmental news server in the Czech Republic, Ekolist.cz, which was visited by 1,000,000 readers in 2015. In addition, I offer consulting services and training skills to a large variety of organizations, including NGOs, governmental agencies, and municipalities.

My second profession, commercial intelligence, gives me the opportunity to be in touch with the real economic world - i.e., "Main Street", the place where real life takes place. In this role, I have prepared studies from very different countries, including Azerbaijan, Kazakhstan, Indonesia, Nigeria, Uzbekistan, Saudi Arabia, and Poland. I have worked for several international agencies, the largest of which is Britain's BSRIA. This multicultural experience and the need to learn tolerance (which is a must when working in such countries) have contributed immensely to my environmental work as well. In addition, the ability to collect and analyse real data has been useful in both my professions.

Years within the firm:

Environmental consultancy > 20,

Commercial intelligence > 10

Key qualifications (relevant to the assignment):

Generally, as a CEO, I am responsible for both strategic and day-to-day management. I am also a senior consultant and project manager.

Selected projects:

International:

2015-2019: Position: Expert

Climate financing consulting, trainings. Green Climate fund, its modalities, procedures, E&S safeguards. Trainings of experts. Several clients: G.I.Z.,

FAO, UN Environment, Czech Ministry of Environment, EPIU – MNP
Republic of Armenia (Armenia, Tajikistan, Kyrgyzstan, Kazakhstan,
Turkmenistan, Bangladesh, Uganda, Western Balkans)

2017-2018: Position: Expert, consultant, manager
Study tour for Moldavian experts to Prague, trainings in Moldova, Business
forum in Moldova
Topic: Utilization of biomass
Financed by UNDP

2016 Position: Expert, consultant, trainer
Study tour for Moldavian experts to Prague.
Transfer of Czech know-how: Enhancing capacities of Moldova local public
authorities in biomass heating systems
Financed by UNDP

2015 Position: Expert, consultant, trainer
Study tour for Moldavian experts to Prague.
Transfer of Czech know-how: Enhancing capacities of Moldova central and
local public authorities in management and restoration of natural
ecosystems under pending climate risks
Financed by UNDP

2014 Position: Expert, consultant, trainer
Study tour for Moldavian experts to Prague.
Financed by UNDP
Study tour “State Environmental Fund – Czech experience” for Moldavian
minister of environment. Prague (SEF procedures, programs, M&E,
financing).

2014 Position: Expert, consultant, trainer
Study tour for Moldavian experts to Prague.
Financed by UNDP
Study tour “State Environmental Fund – Czech experience” for 7 Moldavian
officials, one week. Prague. (SEF procedures, programs, M&E, financing).

2014 Position: Expert, consultant, trainer
Albania
Financed by EuropeAid
Training in Albania: media, sustainable development, climate changes,
communication.
Study tour (Prague)

2014 Position: Expert, consultant
Kazakhstan, OSCE
Training in “Green Economy” (sustainable development, climate changes,
eco-institutions, subsidies, taxes, etc.)

2010-2012 Position: Project manager or supervisor, trainer
Various training projects: Serbia, Lithuania
Agenda: media, sustainable development, climate changes, communication.

2008 - 2009: Position: Project manager.

Project: Co-operation is better than confrontation. International project in Kazakhstan financed by EuropeAid. Local authorities and NGOs are involved. Project is completed and was focused on regional development. Responsibility: project design and supervising, fundraising, team leader (international team of 20 members), project logistic, expert and lecturer, project financial report supervisor.

2006: Position: Project manager, lector and trainer.

Project: International project in Kazakhstan – 4 workshops – focused on Environmental Impact Assessment and public participation in decision-making process.

Responsibility: project designer and manager, fundraising, team leader (international team), project logistic, expert and lecturer, project financial report supervisor.

2005: Position: Project manager, trainer

Project: Study tour for Kazakh experts focused on PRTR. Financed by OSCE.

Responsibility: project design, expert and lecturer..

2000: Position: Project manager, trainer

Project: Study Tour focused on environmental topics for 7 Uzbek experts and NGO members in Czech Republic. Financed by OSF.

Responsibility: project design, fundraising, team leader (international team), project logistic, expert and lecturer, project financial report supervisor.

National:

1997 – present: Position: Project manager

Ekolist.cz – the most read environmental server in the Czech Republic, 1,000,000 readers in 2015 and 2016

2015 – 2016: Position Project manager, expert

Environmental education in schools: barriers, methodology of evaluation
Financed by Technology agency of the Czech Republic and Ministry of Environment

2013 – 2015: Position Project manager, expert

Evaluation methodology of environmental education in environmental education centres

Financed by Technology agency of the Czech Republic and Ministry of Environment

2009 – 2013: Position Project supervisor

Project: Culture and historical heritage. National educational project, 3 years, 0.4 Mio EUR budget.

Specific experience in the region:

1998-2019 Central Asia

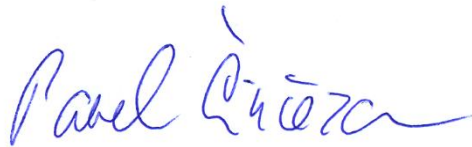
2013-2019 Western Balkans

2017 South Asia

2012-2017 Africa

	2016-2019 Armenia, Georgia 2014-2018 Moldova (study tour to CR, trainings in Moldova, business forum)
References	<i>[Provide names, addresses, phone and email contact information for two (2) references]</i> Reference 1: Petr J.Kalaš, Czech Ministry of the Environment, chief advisor to the minister <kalas.peter@gmail.com> Reference 2: Sergiu Cotaga, UNDP Moldova <sergiu.cotaga@undp.org>

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experiences, and other relevant information about myself.



29th August, 2019

Signature of Personnel

Date (Day/Month/Year)

DRR and EWS Team

Name of Personnel	Pavel Raška
Position for this assignment	Key expert: 3.1 b International expert in DRR and EWS
Nationality	Czech
Language proficiency	Czech (native), English (excellent command), German (good command)
Education/Qualifications	<i>[Summarize college/university and other specialized education of personnel member, giving names of schools, dates attended, and degrees/qualifications obtained.]</i>
	2005: Master Degree equivalent (Mgr.) in Geography and History, J. E. Purkyně University in Ústí nad Labem, Czechia 2011: Ph.D. in Physical Geography, Masaryk University in Brno, Czechia 2017: Associate Professor in General Geography, Charles University in Prague, Czechia
Professional certifications	<i>[Provide details of professional certifications relevant to the scope of services]</i>
	<ul style="list-style-type: none"> ▪ Name of institution: Vanderbilt University, USA ▪ Date of certification: 2014, Leading Strategic Innovation in Organizations ▪ Name of institution: J. E. Purkyně University in Ústí nad Labem, Czechia ▪ Date of certification: 2005, Certified Educator in Geography
Employment Record/Experience	<i>[List all positions held by personnel (starting with present position, list in reverse order), giving dates, names of employing organization, title of position held and location of employment. For experience in last five years, detail the type of activities performed, degree of responsibilities, location of assignments and any other information or professional experience considered pertinent for this assignment.]</i>
	2005–present: Faculty of Science, J. E. Purkyně University in Ústí nad Labem, Czechia: senior lecturer (until 2017), associate professor (since 2017), Head of Landscape Synthesis Research Unit (since 2008), Department Chair (since 2015) 2018: Associate Research Staff, Institute for Risk and Disaster Reduction, University College London (long-term research stay) Experience in DRR and EWS Several national and international research projects devoted to development of institutional frameworks for DRR and to analyses of institutional and social barriers to implementation of the Disaster Risk Reduction measures. <i>Methodical procedure of social and ecological links assessment with economic transformation: theory and application. Project is financially supported by Ministry of labour and social affairs of the Czech Republic</i>

(Project number 1J008/04-DP1; head of the team - Jiri Andel; period 2004-2009).

Since 2008 he has been involved in professional training within the higher education modules aimed at Methods in physical geography, including hydrometric techniques, and Natural Hazards and Risks, including current approaches to early warning systems.

During the past few years, these projects included Czech Grant Agency projects

“Individual and organizational decision-making in environmental risk reduction: determinants, motivations and efficiency” (2016–2018; principal investigator),

“Documentary data sources for research of social perception and adaptation strategies to selected historic natural hazards in the Czech Republic” (2013–2015; principal investigator),

and the EU-funded projects “STRIMA II - Czech-Saxon flood management” (2017–2020; team member)

and “Natural Flood Retention on Private Land” (Cost Action 2017–2021; Management Committee member).

[Provide names, addresses, phone and email contact information for two (2) references]

References

Reference 1:

Thomas Hartmann, Wageningen University and Research, Wageningen
thomas.hartmann@wur.nl
Droevendaalsesteeg 4, 6708 PB Wageningen, The Netherlands

Reference 2:

Jan Klimes, Institute of Rock Structure and Mechanics, Czech Academy of Sciences, Prague
klimes@irsm.cas.cz
V Holešovičkách 41, 182 09, Praha 8, Czech Republic

Reference 3:

David Alexander, Institute for Risk and Disaster Reduction, University College London
david.alexander@ucl.ac.uk
Gower Street, London WC1E 6BT

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experiences, and other relevant information about myself.



29th August, 2019

Signature of Personnel

Date (Day/Month/Year)

Name of Personnel	Ivane Grigolashvili
Position for this assignment	National Expert in DRR and EWS
Nationality	Georgian
Language proficiency	English – Fluent; Russian – Fluent; Georgian - Native
Education/ Qualifications	<i>[Summarize college/university and other specialized education of personnel member, giving names of schools, dates attended, and degrees/qualifications obtained.]</i>
	Humanitarian Economical Institute of Tbilisi; 1992 – 1998; Juridical Faculty, International Law. Diplomatic Academy of Foreign Affairs of Georgia; 1996 – 1997; Department of International Relations
Professional certifications	<i>[Provide details of professional certifications relevant to the scope of services]</i>
	UNICEF, Tbilisi, Georgia, September 2015 Education in Emergencies Capacity Development
	World Vision International, Singapore, December 2010; Course in NGO Security Management – WV Corporate Security Training - SRMT
	Punto.Sud, ISPI, MDF Brussels Consortium, Amman, February 2009 ECHO FPA Training: Working with DG ECHO and Final Reporting
	World Vision International, Larnaca, February 2008 Restoring and Recovering Livelihoods After Disasters Training
	World Vision International, Amman, November 2006 Humanitarian and Emergency Affairs Training
	World Food Programme (WFP), Tbilisi, June 2005 Emergency Food Security Assessment
	DESCD – Save the Children – USAID, Satsire, July 2003 FEMA Community Emergency Response Team (CERT)
	Henry Dunant Society (HDS) Tbilisi, January 2003 Improving of Coordination between NGO Sector and Governmental Structures in Emergency Situations
	Oxfam GB, Tbilisi, January 2003 (Participant) Training on Sphere Project
DESCD – Save the children – USAID, Bashi, November 2001 FEMA Community Emergency Response Team (CERT)	
FEMA Community Emergency Response Team (CERT) AED – Save the children – USAID, Gudauri, June 2001	

	<p>Academy for Educational Development (AED) – Save the Children – USAID, Gudauro, April 2001 Emergency Management and Disaster Preparedness</p> <p>International Federation of Red Cross and Red Crescent Societies (IFRC), Tbilisi, January 2001 Disaster Preparedness Training (Water Supplying, Shelter/Camp Planning)</p> <p>International Committee of Red Cross (ICRC) Likani, January 2001 Training on International Humanitarian Law (IHL)</p>
<p>Employment Record/ Experience</p>	<p><i>[List all positions held by personnel (starting with present position, list in reverse order), giving dates, names of employing organization, title of position held and location of employment. For experience in last five years, detail the type of activities performed, degree of responsibilities, location of assignments and any other information or professional experience considered pertinent for this assignment.]</i></p> <p>2011 JANUARY – Present DISASTER RISK REDUCTION (DRR) CENTER / ASSOCIATION REGIONAL DEVELOPMENT FOR FUTURE GEORGIA (RDFG) <u>Head of Disaster Risk Reduction (DRR) Center, Chairman of Association</u> (Georgia)</p> <p>RDFG/DRR Center is non-profit legal entity established the purpose to assist vulnerable communities of the rural areas in social and economic development and strengthen their self-reliance. The organization currently works in two main directions throughout the country: support rural communities overcome social and economic challenges through enhanced and diversified sources of livelihoods and build local communities’ resilience to disasters caused by natural and manmade hazards. RDFG’s current operations focus on the conflict affected areas of Georgia.</p> <ul style="list-style-type: none"> ▪ Define overall strategy and action plans of the organization; ▪ Prepare annual objectives and budgets; ▪ Ensure coordination and networking with the national stakeholder and partner organizations; ▪ Ensure visibility of the organization at donor, government and partner level; ▪ Provide overall management of projects and day-to-day supervision of the respective staff; ▪ Design the projects and ensure compliance of projects with donor regulations and internal standards; ▪ Provide training and consultancy; ▪ Monitor projects implementation. <p>2014 MARCH – 2014 SEPTEMBER WORLD VISION INTERNATIONAL – SYRIA CRISIS RESPONSE / JORDAN <u>Emergency Response to Syrian Refugees and their Host Communities in Jordan</u> <u>(DFATD) Project Manager</u> (Jordan)</p> <ul style="list-style-type: none"> ▪ Oversee project management, supervision, administration, and implementation of a Canadian DFATD funded project; ▪ Provide strategic leadership and guidance to the project team in the implementation and achievement of its objectives; ▪ Ensure quality of programming by setting up appropriate structures, standards, staffing, management and resources and ensuring that policies are adhered to and correspond to the standards set by the NGOs. ▪ Provide training/capacity building;

- Oversee project implementation and finances of multiple agencies, and understands the requirements of the donor in this regard.

2012 November – UNDP

Disaster Risk Reduction Expert (Georgia)

- Lead the team of DRR Center experts to translate UNISDR Disaster Risk Reduction Terminology into Georgian

2011 JUNE – Oxfam GB

Regional Expert/Trainer on Disaster Management (Georgia)

2008 NOVEMBER – 2010 DECEMBER WORLD VISION INTERNATIONAL - GEORGIA

Humanitarian Emergency Affairs (HEA) and Livelihood Development Director/Security Focal Point (Georgia)

2009 DECEMBER - CARITAS CZECH REPUBLIC

Regional Expert/Trainer on Emergency Response (Georgia)

2008 APRIL - 2008 NOVEMBER WORLD VISION INTERNATIONAL - GEORGIA

Livelihood Development and Emergency Response (LDER) Programme Manager (Georgia)

2007 MARCH - 2008 APRIL WORLD VISION INTERNATIONAL - GEORGIA

Food Security and Emergency Response (FSER) Programme Manager (Georgia)

2006 NOVEMBER - 2007 MARCH WORLD VISION INTERNATIONAL - GEORGIA

Commodities and Emergency Response Team Leader (Georgia)

2005 AUGUST – 2006 NOVEMBER WORLD VISION INTERNATIONAL GEORGIA

Deputy Food Programme Manager (Georgia)

2003 – 2004 REGIONAL ENVIRONMENTAL CENTER FOR THE CAUCASUS (REC CAUCASUS)

National Coordinator in Georgia of “Pilot Projects for Sustainable Development of Mountain Regions of the Caucasus - Local Agenda 21” (Georgia)

2003 – SAVE THE CHILDREN USA / GEORGIA FIELD OFFICE

Emergency Preparedness and Disaster Response Consultant (Georgia)

2002 ACADEMY FOR EDUCATIONAL DEVELOPMENT (AED) AND SAVE THE CHILDREN – GEORGIA FIELD OFFICE

Emergency Response Disaster Preparedness Capacity Development Trainer (Georgia)

2000 – 2001 GEORGIAN RED CROSS SOCIETY (GRCS)

Head of Dissemination Department (Georgia)

1995 – 2000 GEORGIAN RED CROSS SOCIETY (GRCS)

Member – volunteer (Georgia)

References

[Provide names, addresses, phone and email contact information for two (2) references]

Reference 1: Soso Bagashvili- Regional Emergency Preparedness Coordinator; International Rescue Committee – Asia; Mob: +995 599 585813; + 254 733780765; Skype: sosbag

Reference 2:
Nino Lortkipanidze - National Disaster Response Adviser for Caucasus; United Nations Office for the Coordination of Humanitarian Affairs (OCHA) Caucasus and Central Asia; Mob: +995 599159 910; E-mail: lortkipanidze@un.org; Skype: Niniko2503

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experiences, and other relevant information about myself.



29 August 2019

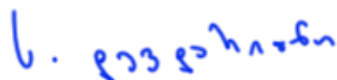
Signature of Personnel

Date (Day/Month/Year)

Name of Personnel	Sophio Devdariani
Position for this assignment	National Expert in Water Resources Management
Nationality	Georgian
Language proficiency	Georgia - Native English - Advanced Russian – Intermediate
Education/ Qualifications	<i>[Summarize college/university and other specialized education of personnel member, giving names of schools, dates attended, and degrees/qualifications obtained.]</i>
	Master of Environmental Sciences Wageningen University Wageningen, The Netherlands 2016 - 2018
	Exchange Master of Molecular Biology Free University of Berlin Berlin, Germany 2012 - 2013
Employment Record/ Experience	Master of Molecular Biology Ilia State University Tbilisi, Georgia 2010 - 2012
	<i>[List all positions held by personnel (starting with present position, list in reverse order), giving dates, names of employing organization, title of position held and location of employment. For experience in last five years, detail the type of activities performed, degree of responsibilities, location of assignments and any other information or professional experience considered pertinent for this assignment.]</i>
	Die Deutsche Gesellschaft für Internationale Zusammenarbeit <i>Regional Program Biodiversity Management in South Caucasus (IBiS)</i> Tbilisi, Georgia June 2018 - Present Program Assistant <ul style="list-style-type: none"> • Planning and implementing capacity development measures for the Forest Inventory Monitoring and Planning Working Group • Planning and implementing capacity development measures for higher education institutions • Planning and organizing trainings for the partner organizations • Preparing brochures and leaflets on project activities targeting wider public • Documenting events, trainings, and meetings
	Die Deutsche Gesellschaft für Internationale Zusammenarbeit <i>Regional Program Conservation and Sustainable use of Biodiversity at Lakes Prespa, Ohrid and Shkodra/Skadar (CSBL)</i> Tirana, Albania October 2017- March 2018 Trainee

	<ul style="list-style-type: none"> • Revising Greek River Basin Management Plans for the lake Prespa sub-basin • Revising lake management plans of Western European countries • Analyzing lake sub-basin management and development plans for identifying measure for Prespa, Shkodra and Ohrid lakes • Establishing cooperation between GIZ and Greek authorities involved in Lake Prespa management • Participating in organization and documentation of meetings and workshops <p>Ministry of Environment and Natural Resources Protection of Georgia</p> <p>Tbilisi, Georgia 2013-2016 Chief Specialist</p> <ul style="list-style-type: none"> • Establishing a biosafety framework for Genetically Modified Organisms (GOMs) in Georgia • Coordinating the implementation of the requirements under the Association Agreement related to the GMOs • Coordinating the agrobiodiversity component of the National Biodiversity Strategy and Action Plan 2014-2020; • Coordinating the focal area Climate Action, Environment, Resource Efficiency and Raw Materials of the research and innovation program Horizon 2020; • National Focal Point to the Cartagena Protocol on Biosafety; • National Focal Point of Ramsar Convention on Wetlands.
References	<p><i>[Provide names, addresses, phone and email contact information for two (2) references]</i></p> <p>Reference 1: Benedikt Ibele benedikt.ibeles@giz.de +995577783707</p> <p>Reference 2: Ioseb Kartsivadze sosokartsivadze@gmail.com +995595119795</p>

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experiences, and other relevant information about myself.



30.08.2019

Signature of Personnel

Date (Day/Month/Year)

Name of Personnel	Mgr. Adam EMMER, Ph.D.
Position for this assignment	Non Key expert in DRR and EWS (CzechGlobe)
Nationality	Czechia
Language proficiency	Native in Czech, C1 in English, basics in Spanish and German
Education/ Qualifications	<i>[Summarize college/university and other specialized education of personnel member, giving names of schools, dates attended, and degrees/qualifications obtained.]</i>
	<p>Education 2013-2017: Charles University in Prague, Faculty of Science, Department of Physical Geography and Geoecology; Ph.D.s 2008-2013: Charles University in Prague, Faculty of Science, Department of Physical Geography and Geoecology; Mgr.</p> <p>Research fellowships 3/2019 - 4/2019 – research fellowship at UZH, Zürich, Switzerland- Glaciology and Geomorphodynamics Group - 3G 3/2017 - 5/2017 – staff exchange at UNU FLORES, Dresden, Germany- Unit of Water Resources Management 10/2014 - 1/2015 – semester-long research fellowship at BOKU, Wien, Austria- Institute of Applied Geology 2012 - 2019 – 8x month-long research fellowship at Autoridad Nacional del Agua, Huaráz, Peru- Unit of Glaciology and Water Resources</p> <p>Special courses 2019 GEOPLANET analogue field school – Fluid-rock interactions in the Solar system, Pyrenees, France/Spain 2015 Summer training course for slope land disaster reduction, Taipei, Taiwan 2014 International summer school on rockslides and related phenomena, Kokomeran river valley, Kyrgyzstan 2013 Intense thematic school IMAGE MINING 2013, Barcelonnette, France</p>
Professional certifications	<i>[Provide details of professional certifications relevant to the scope of services]</i>
	<ul style="list-style-type: none"> ▪ Name of institution: [Insert] ▪ Date of certification: [Insert]
Employment Record/ Experience	<i>[List all positions held by personnel (starting with present position, list in reverse order), giving dates, names of employing organization, title of position held and location of employment. For experience in last five years, detail the type of activities performed, degree of responsibilities, location of assignments and any other information or professional experience considered pertinent for this assignment.]</i>
	<p>Employment 2/2015-present: The Czech Academy of Sciences; Global Change Research Institute (CzechGlobe) - position: graduate student (until 12/2017) / postdoc (since 1/2018) - main responsibility: basic as well as applied research in the field of natural hazard science / disaster risk reduction (both individual and institutional projects; see below)</p> <p>Research projects - individual 7/2018 - 6/2020 - Supporting perspective human resources - programme of the Czech Academy of Sciences "Dynamics and spatiotemporal</p>

patterns of glacial lakes evolution and its implication for risk management and adaptation in recently deglaciated areas";

- position: principal investigator

1/2018 - 12/2019 – MOBILITY Czech Republic - Austria "Is the occurrence of slope movements in the Cordillera Blanca influenced by El Niño Southern Oscillation?"

- position: principal investigator (CZE)

1/2016 - 12/2017 – Grant Agency of the Charles University Project No. 730 216 "Dynamic of evolution and GLOF hazard of selected proglacial lakes in the Cordillera Blanca, Peru";

- position: principal investigator

10/2014 - 1/2015 – AKTION project "Currently forming glacial lakes: potentially hazardous entities in deglaciating high-mountain regions";

- position: junior research scientists

1/2013 - 12/2015 – International Programme on Landslides (IPL) Project No. 179 "Database of Glacial lake outburst floods (GLOFs)";

- position: project leader

1/2013 - 12/2015 – Grant Agency of the Charles University Project No. 70 413 "Creating regionally focused method for assessing hazardousness of glacial lakes in the Cordillera Blanca, Peru";

- position: principal investigator

Research projects – institutional

1/2019 - 12/2021 – INTER-VECTOR – "Cooperation in the management of International Consortium on Geo-disaster Reduction (ICGdR)"; Charles University;

- position: co-investigator (vice of national ICGdR delegate)

6/2016 - 5/2021 – LIFE LOCAL ADAPT – "Integration of climate change adaptation into the work of local authorities"; project coordinator: TU Dresden;

- position: project partner

1/2016 - 12/2017 – Technological Agency of the Czech Republic (TAČR) Project "Supporting the development of adaptation measures and strategies in cities";

- position: co-investigator

2/2015 - 9/2016 – EEA Grants project "Climate change adaptation for settlements – practical tools and knowledge exchange", project coordinator: Civitas per populi, p.b.c.;

- position: project partner

References

[Provide names, addresses, phone and email contact information for two (2) references]

Reference 1:

Prof. Dr. Christian Huggel
University Zürich, Department of Geography, Glaciology and
Geomorphodynamics Group
Winterthurerstrasse 190
8057 Zürich
Switzerland
044 63 55175; christian.huggel@geo.uzh.ch

Reference 2:

Assoc. Prof. Dr. Martin Mergili
University of Vienna, Department of Geography and Regional Research,
Universitätsstrasse 7
A-1010 Vienna
Austria
0043 (0)1 4277 48753; martin.mergili@univie.ac.at

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experiences, and other relevant information about myself.



Signature of Personnel

29th August 2019

Date (Day/Month/Year)

Name of Personnel	Josef Obořil
Position for this assignment	Non Key expert in DRR (CzechGlobe)
Nationality	Czech
Language proficiency	Czech: native German: fluent English: intermediate Russian: intermediate
Education/Qualifications	<i>[Summarize college/university and other specialized education of personnel member, giving names of schools, dates attended, and degrees/qualifications obtained.]</i>
	<p>1996-1999 Master's degree in Business economics, Technical University, Liberec, Czech Rep.</p> <p>1995-1996 Educational stay, Internationales Hochschulinstitut, Zittau, Germany</p> <p>1992-1995 Bachelor's degree in Business economics, Technical University, Liberec, Czech Rep.</p>
Professional certifications	<i>[Provide details of professional certifications relevant to the scope of services]</i>
	<ul style="list-style-type: none"> ▪ Name of institution: ▪ Date of certification:
Employment Record/Experience	<i>[List all positions held by personnel (starting with present position, list in reverse order), giving dates, names of employing organization, title of position held and location of employment. For experience in last five years, detail the type of activities performed, degree of responsibilities, location of assignments and any other information or professional experience considered pertinent for this assignment.]</i>
	<p>2003 - present Fire department of Usti nad Labem region, Usti nad Labem, Czech Rep. head of civil protection and crisis management section responsible for civil protection responsible for communication to other state and non-state organisation responsible for crisis and emergency planing</p> <p>2002 - 2003 Regional Authority of Usti nad labem region, Czech Rep. Manager of foreign affairs</p> <p>2001 - 2002 Persona grata Co, Most, Czech Rep. Manager of human resources</p> <p>1999-2001 Hospital, Teplice, Czech Republic Civil service, data procesing manager</p>
References	<i>[Provide names, addresses, phone and email contact information for two (2) references]; N/A</i>



I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experiences, and other relevant information about myself.

Signature of Personnel

29th, August, 2019

Date (Day/Month/Year)

Name of Personnel	Lumír Němec
Position for this assignment	Non Key expert in DRR (CzechGlobe)
Nationality	Czech
Language proficiency	Czech: native English: fluent – intermediate level Russian: fluent
Education/Qualifications	<i>[Summarize college/university and other specialized education of personnel member, giving names of schools, dates attended, and degrees/qualifications obtained.]</i> 2003 - 2007 Bachelor's degree in law and management in Police Academy Prague 1980 - 1984 Industrial high school of Transport in Prague
Professional certifications	<i>[Provide details of professional certifications relevant to the scope of services]</i> <ul style="list-style-type: none"> ▪ Name of institution: [Insert] ▪ Date of certification: [Insert]
Employment Record/Experience	<i>[List all positions held by personnel (starting with present position, list in reverse order), giving dates, names of employing organization, title of position held and location of employment. For experience in last five years, detail the type of activities performed, degree of responsibilities, location of assignments and any other information or professional experience considered pertinent for this assignment.]</i> Professional Experience: 2014 -2018 Thor Tac T.C., Security Agency - owner (Performing special security training for Czech Police, Army of the Czech Republic and the public, VIP close protection services in the Czech Republic and abroad) 2009 - 2014 SOG-Defence, Security Agency - owner (Performing special security training for Czech Police, Army of the Czech Republic and the public, VIP close protection services in the Czech Republic and abroad) 2005 – 2009 Special Operations Group of the Military Police (SOG) 2006 – 2009 chief of a special department (leading the team of 52 people, responsibility for training and implementation of the actions of specialized antiterrorism teams) 2005 - 2006 member of the attack team (team dedicated to the fight against terrorism and kidnappings, arresting of dangerous offenders) April-October 2007+April-June 2008 military mission ISAF Afghanistan, Helmand province, commander of the Special Task Force (responsibility for the implementation of special operations and VIP close protection in the area) 2005-2006 military mission KFOR, Kosovo, Pristina, chief of close protection team for battle group commander of the KFOR Kosovo-center, Col. Vodehnal (+ protection of VIP visitors from the Czech Republic) 1993 – 2005 Police- Rapid Response Unit (URN) 1997 and 2002 Head of security activities in areas affected by floods (responsible for planning and implementation of operations including cooperation with municipalities, fire brigades, rescue services and other stakeholders) 2002-2004

	<p>URN-SZO, Deputy Commander of Special Operations unit (preparation and implementation of special operations, obtaining information for the strike team and officers working undercover, arresting especially dangerous offenders, training of police officers working undercover and their preparation for the power crisis situations)</p> <p>1993 - 2002</p> <p>URN, member of the team specialized in the fight against terrorism, kidnappings and arrests of exceptionally dangerous offenders.</p> <p>March to June 2004</p> <p>URN, Iraq, Baghdad, member of the protective team at the embassy of Czech Republic in Baghdad</p> <p>1991 – 1993</p> <p>FOS-Federal Protective Service, member of the security services, the responsibility for protection of buildings and the close protection of delegations.</p>
References	<p><i>[Provide names, addresses, phone and email contact information for two (2) references]</i></p> <p>Reference: Richard Westley, Director International at The Inspirational Development Group, email: richard.westley@inspirationaldg.com</p>

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experiences, and other relevant information about myself.



Signature of Personnel

29th August, 2019

Date (Day/Month/Year)

Name of Personnel	Adam Beran
Position for this assignment	Non Key Expert in DRR and EWS (TGM WRI)
Nationality	Czech
Language proficiency	English - fluent, Czech – fluent, French - beginner
Education/ Qualifications	<i>[Summarize college/university and other specialized education of personnel member, giving names of schools, dates attended, and degrees/qualifications obtained.]</i>
	2011-2019 Czech University of Life Sciences Prague, Environmental Modelling, Doctoral Degree (Ph.D.)
	2009-2011 Czech University of Life Sciences Prague, Environmental Modelling, Master's Degree (Ing.)
	2008-2009 Wageningen University, The Netherlands, Climate Change, Sustainable Watershed Management
Professional certifications	2005-2008 Czech University of Life Sciences Prague, Landscape Engineering, Bachelor's Degree (Bc.)
	<i>[Provide details of professional certifications relevant to the scope of services]</i>
Employment Record/ Experience	<ul style="list-style-type: none"> ▪ Name of institution: [Insert] ▪ Date of certification: [Insert]
	<i>[List all positions held by personnel (starting with present position, list in reverse order), giving dates, names of employing organization, title of position held and location of employment. For experience in last five years, detail the type of activities performed, degree of responsibilities, location of assignments and any other information or professional experience considered pertinent for this assignment.]</i>
	2010-present T. G. Masaryk Water Research Institute, researcher in hydrology, Prague
	Experience: 2012-2015 Assessment of Groundwater Resources in the Czech Republic, water balance modelling
	2013-2015 Protection against floods and erosion by natural measures in the Czech Republic, water balance modelling
References	2015-2018 Providing Water Resources for Karlovy Vary region under Climate Change, project leader
	2018-2019 Development of software for calculation of Evaporation from Water Surface for the Czech Republic area, project leader
	<i>[Provide names, addresses, phone and email contact information for two (2) references]</i>
References	Reference 1: Doc. Ing. Martin Hanel, Ph.D., Faculty of Environmental Sciences, Kamýcká 1176, 165 21 Prague, Czech Republic, +420 22438 2959, hanel@fzp.czu.cz
	Reference 2:

Ing. Miroslav Tesař, CSc., Institute of Hydrodynamics, The Czech Academy of Science, Pod Patankou 30/5, 166 12, Prague 6, Czech Republic, +420 721 881 733, miroslav.tesar@iol.cz

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experiences, and other relevant information about myself.



30th August, 2019

Signature of Personnel

Date (Day/Month/Year)

Name of Personnel	Adam Vizina
Position for this assignment	Non key Expert in WRM (TGM WRI)
Nationality	Czech
Language proficiency	English - fluent, Czech - fluent, Spanish - intermediate
Education/Qualifications	<i>[Summarize college/university and other specialized education of personnel member, giving names of schools, dates attended, and degrees/qualifications obtained.]</i>
	2008 – 2014, post gradual study (Ph.D.) Czech University of Life Sciences, Faculty of Environmental Sciences Environmental Modelling
	2005 – 2008, master degree (Ing.) Czech University of Life Sciences, Faculty of Environmental Sciences Environmental Modelling
	2002 – 2005, bachelor degree (Bc.) Czech University of Life Sciences, Faculty of Environmental Sciences Landscape engineering
Professional certifications	<i>[Provide details of professional certifications relevant to the scope of services]</i>
	<ul style="list-style-type: none"> ▪ Name of institution: [Insert] ▪ Date of certification: [Insert]
Employment Record/Experience	<i>[List all positions held by personnel (starting with present position, list in reverse order), giving dates, names of employing organization, title of position held and location of employment. For experience in last five years, detail the type of activities performed, degree of responsibilities, location of assignments and any other information or professional experience considered pertinent for this assignment.]</i>
	09/2007 – present (researcher, from 2017 head of department of hydrology), T.G.Masaryk Water Research Institute, p.r.i., Podbabská 2582/30, Praha 6, Czech Republic
	09/2014 – present, Czech University of Life Sciences, Faculty of Environmental Sciences, External teacher, Department of Water Resources and Environmental Modelling, Kamýcká 1176, Praha 6, Czech Republic
	01/2007 - 08/2007, Interoute, s.r.o., Internet provider, CAD & GIS project manager
	Experience: Adam is responsible to make: the assessment of the hydrological balance for current and future conditions affected by climate change, evaluation of hydrological extremes, hydrological modelling and big data analysis. Adam has been a project leader for many research and commercial projects e.g.:
	Droughtproject, Support of state administration in the field of drought and water scarcity, project leader, the Ministry of the Environment, see http://www.suchovkrajine.cz (2017-2018), budget approx. 70 million CZK (2,8 mil EUR)

	<p>Strategy of protection against negative impacts of drought in the Czech Republic, project leader, the Ministry of the Environment, see http://www.suchovkrajine.cz (2016), budget approx. 23 million CZK (0,95 mil EUR)</p> <p>Development of mathematical models of hydrological balance, identification of their parameters and the verification of experimental research, (Project leader, Czech Science Foundation)</p>
References	<p><i>[Provide names, addresses, phone and email contact information for two (2) references]</i></p>
	<p>Reference 1: prof. Ing. Pavel Pech, CSc., Czech University of Life Sciences, Kamycka 1129, Prague, 160 00, +420 224382132, pech@fzp.czu.cz</p> <p>Reference 2: Ing. Pavel Martak, Ministry of the Environment, Vršovická 1442/65 Praha 10, 100 10, +420 267122853, pavel.martak@mzp.cz</p>

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experiences, and other relevant information about myself.



Signature of Personnel

27. 8. 2019

Date (Day/Month/Year)

Name of Personnel	Pavel Balvín
Position for this assignment	Non Key expert Expert in DRR and EWS (TGM WRI)
Nationality	Czech
Language proficiency	English - fluent, Czech – fluent, Russian-intermediate
Education/Qualifications	<p><i>[Summarize college/university and other specialized education of personnel member, giving names of schools, dates attended, and degrees/qualifications obtained.]</i></p> <p>1991-1997 - Czech Technical University in Prague, Faculty of civil engineering Water management and water structures, Master's Degree.</p>
Professional certifications	<p><i>[Provide details of professional certifications relevant to the scope of services]</i></p> <ul style="list-style-type: none"> ▪ Name of institution: [Insert] ▪ Date of certification: [Insert]
Employment Record/ Experience	<p><i>[List all positions held by personnel (starting with present position, list in reverse order), giving dates, names of employing organization, title of position held and location of employment. For experience in last five years, detail the type of activities performed, degree of responsibilities, location of assignments and any other information or professional experience considered pertinent for this assignment.]</i></p> <p>1997-present T. G. Masaryk Water Research Institute, Head of department of Hydraulics, Prague</p> <p>Main activities: Hydraulic modelling 1D, 2D, developing of risk reduction measures, water reservoirs, determination of flood plain area, environmental issues – minimum residual flows, early warning systems and heavy rain events.</p> <p>Experience:</p> <p>2012-2019 –Determination of minimum residual flows in Czech republic, Preparation of government regulation, development of national methodology, project leader</p> <p>2017-2019 – Interreg Central Europe – Integrated heavy rain management, development of catalogue of risk reduction measures, CE 960, leader project</p> <p>2019 - Potential of using dry reservoirs for water management in the landscape, project leader</p> <p>2016-2017 - Physical hydraulic model research of water works construction on Labe river, project leader</p> <p>2016 – 2017 - total reconstruction and extension Central Wastewater Treatment Plant on the Cesar Island "STAGE 0001 new water line - model for the detection hydraulic quantities in Prague – Troja, project leader</p>
References	<i>[Provide names, addresses, phone and email contact information for two (2) references]</i>

Reference 1:

Doc. Ing. Aleš Havlík, CSc, Faculty of civil engineering, Thákurova , 160
00 Prague, Czech republic, +420 22435 4338
havlik@cvut.cz

Reference 2:

Doc. Ing. Martin Hanel, Ph.D., Faculty of Environmental Sciences,
Kamýcká 1176, 165 21 Prague, Czech republic, +420 22438 2959
hanel@fzp.czu.cz

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experiences, and other relevant information about myself.



Signature of Personnel

29th, August, 2019

Date (Day/Month/Year)

Name of Personnel	Roman Kožín
Position for this assignment	Non Key Expert in WRM (TGM WRI)
Nationality	Czech
Language proficiency	English - fluent, Czech - fluent, Spanish - intermediate
Education/Qualifications	<i>[Summarize college/university and other specialized education of personnel member, giving names of schools, dates attended, and degrees/qualifications obtained.]</i>
	2014-present Czech University of Life Sciences Prague, Environmental Modelling, Ph.D. study
	2006-2009 Czech University of Life Sciences Prague, Environmental Modelling, Master's Degree (Ing.)
	2007-2008 Universidad Politecnica de Valencia, Facultad de Ciencias Ambientales, Erasmus study
	2003-2006 Czech University of Life Sciences Prague, Applied Ecology, Bachelor's Degree (Bc.)
Professional certifications	<i>[Provide details of professional certifications relevant to the scope of services]</i>
	<ul style="list-style-type: none"> ▪ Name of institution: [Insert] ▪ Date of certification: [Insert]
Employment Record/Experience	<i>[List all positions held by personnel (starting with present position, list in reverse order), giving dates, names of employing organization, title of position held and location of employment. For experience in last five years, detail the type of activities performed, degree of responsibilities, location of assignments and any other information or professional experience considered pertinent for this assignment.]</i>
	Employment: 2009-present T. G. Masaryk Water Research Institute, researcher in hydrology, Prague
	Experience: I worked on projects related to impact assessment of climate change on water resources. Main activities: modelling of hydrological balance according to the climate change scenarios, simulating storage-yield-reliability relationship in water reservoirs and impact of land-use changes on hydrological balance.
	Projects: 2019-present "Development of tools and methods improving estimation of annual balance of evaporation", main coordinator 2018-present "ElbeRegime2100" – investigation of runoff regime changes in the Labe catchment during the 20 th and early 21 st century, principal researcher 2014-2017 "Possible compensation of negative climate change impacts using the localities for potential accumulation of surface water" – In the context of possible climate change in the future decades it is necessary to assess the extent to which the drought characteristics (severity,

	<p>frequency) might change and whether the potential reservoirs might be able to compensate for such changes, principal researcher</p> <p>2016 "Strategy of protection against negative impacts of drought in the Czech Republic" – impact of land-use changes on hydrological balance, researcher</p> <p>Recent articles: Beran, A., Hanel, M., Nesládková, M., Vizina, A., Vyskoč, P., Kožín, R. Climate change impacts on water balance in Western Bohemia and options for adaptation, <i>Water Supply</i>, 2018, 19 (1), 323-335</p> <p>Hanel, M., Kožín, R., Heřmanovský, M. a Roub, R. An R package for assessment of statistical downscaling methods for hydrological climate change impact studies, <i>Environmental modelling and Software</i>, 2017, Vol. 95, p. 22-28</p>
References	<p><i>[Provide names, addresses, phone and email contact information for two (2) references]</i></p>
	<p>Reference 1: Oldřich Rakovec, Ph.D., Department Computational Hydrosystems, Helmholtz Centre for Environmental Research, Permoserstraße 15, 04318 Leipzig, tel.: +49 341 235 1972, email: oldrich.rakovec@ufz.de</p> <p>Reference 2: Assis. Prof. Martin Hanel, Ph.D., Department of Water Resources and Environmental Modeling, Faculty of Environmental Sciences, Czech University of Life Sciences Prague, Kamýcká 1176, 16521 Prague, tel.: +420 22438 2959, email.: hanel@fzp.czu.cz</p>

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experiences, and other relevant information about myself.



27th August, 2019

Signature of Personnel

Date (Day/Month/Year)

Name of Personnel	Jiří Kopáč
Position for this assignment	Non Key Expert in WRM (DEKONTA)
Nationality	Czech Republic
Language proficiency	Spanish (advanced; DELE Intermedio certificate), English (advanced), Russian (pre-intermediate)
Education/ Qualifications	<i>[Summarize college/university and other specialized education of personnel member, giving names of schools, dates attended, and degrees/qualifications obtained.]</i> Charles University in Prague, Faculty of Science, Hydrogeology 09/2001-08/2007 Degree: M.Sc.
Professional certifications	<i>[Provide details of professional certifications relevant to the scope of services]</i> <ul style="list-style-type: none"> ▪ Name of institution: Czech Ministry of Environment ▪ Date of certification: ▪ 2012: Certificate of professional competence in the field of hydrogeology (according to Act 62/1988) ▪ 2016 Certificate of professional competence in the field of remediation geology and engineering geology (according to Act 62/1988)
Employment Record/ Experience	<i>[List all positions held by personnel (starting with present position, list in reverse order), giving dates, names of employing organization, title of position held and location of employment. For experience in last five years, detail the type of activities performed, degree of responsibilities, location of assignments and any other information or professional experience considered pertinent for this assignment.]</i> 11/2015 – ongoing Dekonta, a.s. (Prague) Project manager – geologist Field of work: Remediation geology - Environmental emergency response service (part of the national Czech Integrated Emergency Response System), hazardous waste management, engineering geological studies and investigations 09/2012-10/2015 G-servis Praha, s.r.o. (Prague) Project manager – geologist Field of work: Remediation geological studies and investigations, hydrogeological and engineering geological investigations 11/2007-08/2012 Glaukos, s.r.o. (Prague) Project manager – geologist Field of work: Hydrogeological studies and investigations, engineering geological investigations, pumping tests 10/2006-09/2007 Geotrend, s.r.o. (Slaný) Geologist

References	<i>[Provide names, addresses, phone and email contact information for two (2) references]</i>
	<p>Reference 1: 10/2018 Spill of EPE19 (chemical – epoxy resin with styren) in the building of factory ABB, Ostrava Pumping of chemicals, cleaning the walls and floors - work in dangerous and explosive atmosphere. Position: Project manager, client: ABB, s.r.o., K Zyfu 929, 720 00 Ostrava (tel.: 420 597 468 940; email: contact.center@cz.abb.com).</p> <p>Reference 2: 06/2017 - 04/2019 Oil spill at the Gas Station, Svatá Kateřina, Czech Republic Remediation of leaked oils (over 5 m³) from a gas station to the surface water and groundwater, pumping of contaminated water, remediation of soils and surface water, biodegradation in-situ. Position: Project manager, client: W.A.G. payment solutions, Na Vítězné pláni 1719/4, 140 00 Prague 4, Czech Republic (tel.: +420 606 655 611; email: otta@eurowag.com)</p>

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experiences, and other relevant information about myself.



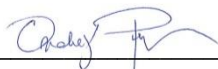
Signature of Personnel

27/08/2019
Date (Day/Month/Year)

Name of Personnel	Ondrej Perlinger
Position for this assignment	Non Key Expert in WRM (DEKONTA)
Nationality	Czech
Language proficiency	Czech, English, German, Russian
Education/Qualifications	Czech Technical University in Prague, Czech Republic
	Master's Degree in Environmental engineering and Water management 2007 - 2010
	Czech Technical University in Prague, Czech Republic
	Bachelor's Degree in Environmental engineering 2003 - 2007
Professional certifications	<ul style="list-style-type: none"> ▪ Name of institution: Czech chamber of chartered Engineers and Technicians in Construction ▪ Date of certification: 12/2013 ▪ Certification number: 0012570
Employment Record/ Experience	Dekonta, a. s., Prague, Czech Republic
	09/2015 – present Project Manager: <ul style="list-style-type: none"> ▪ Project Manager of national and international projects ▪ Cooperation on international projects of company related to pollution of soil and groundwater in South and East Europe and Mongolia ▪ Cooperation on international projects of company related to solid waste management in Belarus. ▪ Cooperation on international projects of company related to waste water treatment in Cambodia. ▪ Design of water constructions and landscape engineering constructions
	Vysoka skola zdravotnictva a socialnej prace sv. Alzbety, Bujumbura, Burundi
	10/2014 – 06/2015 Manager of anti-malnutrition program and logistics manager <ul style="list-style-type: none"> ▪ Management of logistic of humanitarian and medical projects in south of Burundi. ▪ Supervision of construction of new facilities related to projects. ▪ Education of local staff.
	KhaanZaa, s. r. o., Ulaanbaatar, Mongolia
02/2013 – 08/2014 Process & Environmental engineering Manager and Site Manager <ul style="list-style-type: none"> ▪ Project manager of sub - contractor company for Rio Tinto group. ▪ Supervision of continual operation of seven small and middle WWTPs in area of Oyu Tolgoi LLC in south part of Mongolia, in Gobi desert. ▪ Preparation of internal documents related to operation, planning, HSE or for external audits of company. ▪ Implementation of requirements and outcomes from Oyu Tolgoi, external companies and government. ▪ Cooperation within other projects of KhaanZaa in Mongolia such as Bayan Airag Exploration LLC and NUBIA Construction Project (New Ulaanbaatar International Airport). 	

	Bauer Resources Hungary, Kft, Budapest, Hungary
	07/2012 – 09/2012 Intern
	Interprojekt Odpady, s. r. o., Prague, Czech Republic
References	07/2009 – 01/2013 Engineer
	<i>[Provide names, addresses, phone and email contact information for two (2) references]</i>
	Reference 1: Construction of two retention basins in commune Stribrna on the forest type of land (Czech Republic) Client: Municipality of Kraslice Contact name: Katerina Gajdova phone: +420 352 370 483 e-mail: gajdova@meu.kraslice.cz Reference 2: Transfer of Know-How in the Approach to Eliminating Environmental Burdens II. (Mongolia) Client: Czech Development Agency Contact name: František Zouhar phone: +420 251 108 305 e-mail: zouhar@czechaid.cz

I,
the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experiences, and other relevant information about myself.



Signature of Personnel

29.8.2019

Date (Day/Month/Year)

Legal and Policy Team

Name of Personnel	Mgr. et Mgr. Jiří Kolman, Ph.D.
Position for this assignment	Key expert: 3.1.c International expert in International Law, Policy, Analysis and development
Nationality	Czech
Language proficiency	Native in Czech, C2 in English, B2 French, basics of German
Education/ Qualifications	<i>[Summarize college/university and other specialized education of personnel member, giving names of schools, dates attended, and degrees/qualifications obtained.]</i>
	<p>Education</p> <p>2012 – 2016 Ph.D. study at Masaryk University Brno at Faculty of Law, Masaryk University Brno, the Czech Republic (specialisation European law, doctoral thesis Free Access to Information of the EU institutions – EU and national legislation reform and improvement of EU and national policy framework, related EU Aquis translation to national legislation) – Ph.D. degree</p> <p>2003 – 2005 Master studies of branches International Relations and European Studies at Faculty of Social Studies, Masaryk University Brno, the Czech Republic - Master degree of International Relations and European Studies</p> <p>2000 – 2005 Master studies of Law and Legal Science at Faculty of Law, Masaryk University Brno, the Czech Republic – Master degree of Law and Legal Science</p> <p>2000 – 2003 Bachelor's studies of branches Political Science, International Relations and European Studies at Faculty of Social Studies at Masaryk University Brno, the Czech Republic – Bachelor degree of Political Science, International Relations and European Studies</p> <p>1992 – 2000 Klasické gymnasium (Grammar school), Brno, Plovdivská 8</p> <p>Fellowships and trainings</p> <p>August 2004 – Summer school for EU studies university students, Moldova</p> <p>September 2003 – April 2004 – Socrates/Erasmus study at Manchester Metropolitan University in Manchester, Great Britain</p> <p>August 2002 – Summer school for EU studies university students, Bulgaria</p> <p>October 2006 – February 2007 – participation at European Commission trainings focused on EU regional and cohesion policy, legislation and implementation</p>
Professional certifications	<i>[Provide details of professional certifications relevant to the scope of services]</i>
	<ul style="list-style-type: none"> ▪ Name of institution: Alliance Française Bruxelles-Europe ▪ Date of certification: 6/2010 ▪ DELF French language certificate, level B2 <ul style="list-style-type: none"> ▪ Name of institution: Státní jazyková škola Brno (State language school Brno) ▪ Date of certification: 6/2005 ▪ General State English Exam Certificate, level C2

	<ul style="list-style-type: none"> ▪ Name of institution: Státní jazyková škola Brno (State language school Brno) ▪ Date of certification: 6/1999 ▪ Základní státní jazyková zkouška (Basic State English Exam), level B2
Employment Record/ Experience	<p><i>[List all positions held by personnel (starting with present position, list in reverse order), giving dates, names of employing organization, title of position held and location of employment. For experience in last five years, detail the type of activities performed, degree of responsibilities, location of assignments and any other information or professional experience considered pertinent for this assignment.]</i></p>
	<p>January 2012 – till now</p> <p>Scientific secretary of Global Change Research Centre, Czech Academy of Sciences (CzechGlobe) Brno, the Czech Republic, principal manager of the interdisciplinary scientific project CzechGlobe – European Centre of Excellence with budget 35 mil EUR. Responsible for the national and international cooperation (e.g. contracts) and HR development of immensely growing (three times bigger in three years) international institution (25+ nationalities), responsible for assessment of the 16 teams and individual researchers (250+ employees) performance, legal issues related mainly to EU legislation implementation: research issues, international cooperation, data management (GDPR, Open Access, IP, Open Data...). Linguistic and legal revision of the EU and governmental documents regulating CzechGlobe agenda.</p> <p>EXPERIENCE WITH REGARDS TO RESEARCH INFRASTRUCTURES (RIs)</p> <p>Responsible as a national focal point and RI manager for hosting of the CzechGlobe RI that is involved in the following pan-European RIs, where CzechGlobe is mainly as a founding member and follows the whole phases of the RI (establishment, development, operation, creation of ESFRI and ERIC), responsible for RI open access management, CzechGlobe RI evaluations by funders, Scientific Advisory and Ethical Board, RI communication strategy, RI indicators implementation, RI monitoring, RI reporting to the funders, RI data policy, RI representation at RI pan-European consortiums, international collaboration including with global level e.g. with US NEON, NOAA, Uni. of Sydney, establishment of RI CzechGlobe research sites in Vietnam, Ghana and Panama:</p> <ul style="list-style-type: none"> · ICOS ERIC (<i>Integrated Carbon Observation System</i>) · ESFRI DANUBIUS (<i>International Centre for Advanced Studies on River-Sea Systems</i>) · ESFRI AnaEE (<i>Infrastructure for Analysis and Experimentation on Ecosystems</i>) · ESFRI ACTRIS (<i>Aerosols, Clouds, and Trace gases Research Infrastructure Network</i>) · EUFAR AISBL (<i>EUropean Facility for Airborne Research in environmental and geo-sciences</i>) · ESFRI ISBE (<i>Infrastructure for System Biology Europe</i>) · RI eLTER (<i>European Long-Term Ecosystem Research infrastructures</i>) <p>PROJECT EXPERIENCE</p> <p>National Sustainability Programme CzechGlobe 2020 - Development of the Centre of Global Climate Change Impacts Studies, 2015 – 2019, budget 12 mil EUR) – <i>project manager</i></p> <p>· UNEP (Carpathian Convention project) – capacity building project for climate adaptations and mitigations measures in the Western Balkan (2018-2019) – <i>project manager</i></p>

- **EU FP Horizon 2020** - Readiness of ICOS for Necessities of Integrated Global Observations (RINGO, 2017-2020) – *Work Package leader and principal investigator for CZ*
- **EU FP7 EGERA project** (Effective Gender Equality in Research and the Academia, implemented within FP7-Science-in-Society, 2014-2017) – *Consortium board member; focal point and principal investigator for CzechGlobe*
- **CA COST Action CA15137** European Network for Research Evaluation in the Social Sciences and the Humanities (ENRESSH, 2016-2020) – *national project member*
- **TD COST Action TD1306** - New Frontiers of Peer Review (PEERE, 2014-2018) – *Management Committee member representing the Czech Republic and principal investigator for CZ*
- **TA COST Action TA1201** - Gender, Science, Technology and Environment (genderSTE, 2012-2016) – *stakeholder and regular participant of the consortium events*
- **Project CzechGlobe** (European Centre of Excellence, 35 mil EUR project, 2010-2014, Research and Development for Innovations EU OP) – *project manager, development of the CzechGlobe RI (e.g. 250m high atmospheric tower, aircraft with remote sensing equipment, network of ecosystem stations, multifactorial experimental sites, laboratory of metabolomics, photobioreactor...)*

September 2007 – December 2011

Representative of the South Moravian Region (CZ) to the EU in Brussels, Belgium

Representing legal and funding interests of the region to the EU institutions, negotiation; networking; organisation of the meetings, conferences, seminars, cultural events; publication articles, interviews and reports in media and in conferences. The main topics of working agenda: Projects financed from EU funds (structural funds, FP7 and other EC funds); future of the regional policy; legislation in the field of R&D, SMEs, innovations, agriculture, wine sector, rural and regional development, legal issues related mainly to EU legislation implementation at regional policy and regional level. Linguistic and legal revision of the EU and governmental documents regulating mainly EU regional, cohesion and agricultural policy legislation (especially within EU Committee of the Regions agenda).

March 2007 – August 2007

Research assistant at Department of Law and Social Studies at Faculty of Business and Economics at Mendel University of Agriculture and Forestry in Brno (MUAFA), the Czech Republic. Research on EU legislation implementing EU regional, rural and agricultural policy and EU Aquis implementation by member states.

April 2007

Two-week **voluntary work** (distribution of medicines) in Cuba for organisation People in Need (Člověk v tísni), Cuba

October 2006 – February 2007

Traineeship at European Commission in DG Regional Policy in Brussels in Belgium, Unit for Czech Republic, Belgium and Luxembourg. Preparation and negotiation of national legislation and regulation of EU structural funding policy for the period 2007-2013. Linguistic revision of the legal texts (e.g. Operational Programmes documents) and related legal revision.

	<p>October 2005 – September 2006 Research assistant at Department of Social Studies at Faculty of Business and Economics (MUAF), the Czech Republic. Research on EU legislation implementing EU regional, rural and agricultural policy and EU Aquis implementation by member states.</p> <p>February 2002 – September 2006 Member of Financial committee of municipal authority - MČ Brno-Komín-preparing municipal budget and financial check, the Czech Republic</p> <p>February 2005 – April 2005 legal practice at office of vice-chairwoman of the Constitutional Court of the Czech Republic JUDr. Eliška Wagnerová, the Czech Republic</p> <p>2003 Legal Assistant at legal office JUDr. Sáša Navrátilová, the Czech Republic</p> <p>2001 Administrative Assistant – ČSU (Czech Statistical Office) – collecting and summarising census data, the Czech Republic</p>
<p>References</p>	<p><i>[Provide names, addresses, phone and email contact information for two (2) references]</i></p> <p>Reference 1: Petr J. Kalaš Chief advisor of the Minister of the Environment of the Czech Republic and former Minister of the Environment of the Czech Republic Vršovická 1442/65 Praha 10, 100 10 Czech Republic +420 602137944 kalas.peter@gmail.com</p> <p>Reference 2: Petr Bližkovský – Director of Special Committee on Agriculture and Social Policy at the General Secretariat of the Council of the European Union Rue de la Loi 175 1048 Brussels Belgium +32 228 151 30 petr.blizkovsky@consilium.europa.eu</p>



Signature of Personnel

29th August, 2019

Date (Day/Month/Year)

Name of Personnel	Miloš Kužvart, DSc	
Position for this assignment	Non key expert in International Law, Policy, Analysis and development (CzechGlobe)	
Nationality	Czech	
Language proficiency	Czech – fluent, English, German – fluent, Russian - passive	
Education/ Qualifications	<i>[Summarize college/university and other specialized education of personnel member, giving names of schools, dates attended, and degrees/qualifications obtained.]</i>	
	<p>1986 Karlova univerzita, Praha (Charles University, Prague) – degree in Geochemistry, Basic and Economic Geology at the Faculty of Science</p> <p>1987 - doctoral degree in Science - DSc</p> <p>1988 – 1990 Faculty of Science at the Charles University in Prague - postgraduate study of the subject Remote Research for Earth Science</p> <p>1991 course at the United Nations Institute UNITAR – Remote Research for Earth Science</p> <p>1993 course at the Environmental Protection Agency (US EPA) – Risk assessment</p> <p>1994 course at the United Nations Institute UNITAR – Conflict resolution within environmental protection</p> <p>1995 Open University – one-semester-course on Environment</p> <p>1995 course at the EC’s Representation in Prague – Usage of logistic matrix at the PHARE programme planning</p>	
Professional certifications	<i>[Provide details of professional certifications relevant to the scope of services]</i>	
	<ul style="list-style-type: none"> ▪ Name of institution: [Insert] ▪ Date of certification: [Insert] 	
Employment Record/ Experience	<i>[List all positions held by personnel (starting with present position, list in reverse order), giving dates, names of employing organization, title of position held and location of employment. For experience in last five years, detail the type of activities performed, degree of responsibilities, location of assignments and any other information or professional experience considered pertinent for this assignment.]</i>	
	February 2017	Project Manager Secondary Energy Sources, SGS Czech Republic
	February 2014	TZÚS (Technical and Test Institute for Construction Prague, State Owned Enterprise) - Head of Inspection Body
	October 2012	TZÚS - Project Development Manager
	2006 – 2012	TÜV NORD Czech, s.r.o. Praha – Executive manager of the company (former RWTÜV Praha) - 115 employees

	2002 – 2006	MP in the Chamber of Deputies of the Czech Republic vice-chairman of the Committee on the Public Service, Regional Development and Environment Chairman of the Subcommittee on the Corruption
	1998 – 2002 1998	Ministry of the Environment of the Czech Republic Minister of the Environment of the Czech Republic
	1995 – 1998	RWTÜV Praha, spol. s r.o. – auditor for Environmental management systems (ISO 14001), auditor for Quality management systems (ISO 9001)
	1994 – 1995	Director of the Management Unit of the PHARE programme for the Czech Republic in respect of non-profit organisations
	1990 – 1994	Ministry of the Environment of the Czech Republic
		1990 Staff in the IT dept. 1992 – 1993 Head of the Analysis and conception dept 1993 – 1994 Director of the Public relations dept.
	1986 – 1990	Central Institute of Geology, Prague Specialist of the Geologic Survey Dept.
References	<i>[Provide names, addresses, phone and email contact information for two (2) references]</i>	
	Reference 1: [Insert]	Reference 2: [Insert]

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experiences, and other relevant information about myself.



29th, August, 2019

Signature of Personnel

Date (Day/Month/Year)

Name of Personnel	Shota Kublashvili		
Position for this assignment	National Expert in Policy Analysis and Development		
Nationality	Georgia		
Language proficiency	Georgian: Native; Russian: Fluent; English: Working professional proficiency		
Education/ Qualifications	Ivane Javakhishvili Tbilisi State University	Bachelor's Degree in Law	2003 -2007
	Ivane Javakhishvili Tbilisi State University	Master's Degree in Law	2007 -2009
	Georgian Technical University	Doctor of Philosophy (PhD) in Political Sciences	2018 - present
Professional Certifications	<p>Training Courses:</p> <ul style="list-style-type: none"> • Training of trainers in methods of MAP implementation into the Georgian legal framework within the Czech Development Assistance project <i>Capacity Building in the Prevention of the Major Accidents in Georgia</i>; 2017, Bazaleti, Georgia • Justice Educational Center - Administrative Process and the Protection of Public Interests in Court; 2009, Tbilisi, Georgia 		
Employment Record/ Experience	<p><i>[List all positions held by personnel (starting with present position, list in reverse order), giving dates, names of employing organization, title of position held and location of employment. For experience in last five years, detail the type of activities performed, degree of responsibilities, location of assignments and any other information or professional experience considered pertinent for this assignment.]</i></p>		
	<p>January 2018 – Present Tbilisi, Georgia Association Rural Development for Future Georgia Emergency Management and Disaster Risk Reduction Expert</p> <ul style="list-style-type: none"> • Lead legislative research, prepare legislative reviews on various emergency management and DRR-related topics • Development legal and policy recommendations for various state agencies and international donor organizations • Conduct trainings on DRR <p>June 2019 – Present United Nations Development Programme Legal Expert – Institutional Strengthening for Implementation of the Montreal Protocol in Georgia</p> <ul style="list-style-type: none"> • Review existing national acts related to Ozone Depleting Substances (ODS), review appropriate EU directives, review assessment on HCFC based equipment • Lead the development of the draft the appropriate legal act/acts/amendments and prepare final legal act on ODS exempt uses, final legal act/amendment on mandatory registration and reporting via web-based system • Consult on legislative framework questions 		

February 2018 – November 2018

World Experience for Georgia

Legal/Institutional Expert – Georgia’s Second Biennial Update Report to the UNFCC

- Drafting and writing support on the “Mitigation Options and Actions” and “National Circumstances and institutional Arrangements” Chapters of the SBUR of Georgia to UNFCC
- Review all identified climate change mitigation measures under the project and propose policy/legal framework and recommendations on its implementation
- Identify and assess needs and constraints to implement the selected climate change mitigation measures and fulfil the national obligations under the UNFCCC

September 2015 – June 2019

LEPL Environmental Information and Education Center (Ministry of Environmental Protection and Agriculture of Georgia)

Senior In-House Legal Counsel

March 2013 – September 2015

Ministry of Environment and Natural Resources Protection of Georgia

Head of Judicial Affairs and Legal Support Division, Legal Department

Selected International Projects:

1. EU-funded Twinning project "Strengthening the Capacity of the Ministry of Environment Protection in Development and Improvement of the Waste Management System in Georgia."
2. Project of Czech Republic Development Agency “Development of opportunities for presentation of massive accidents” (Seveso Directive) – Legal-Consultant, Dekonta
3. “Elaboration of ‘Mitigation’ chapter of Georgia’s Second Biennial Update Report to the UNFCCC, ”
Legal/Institutional expert, World Experience for Georgia-UNDP
4. Assistance in safety improvement of tailings management facilities (TMF) in Armenia and Georgia - The Federal Environment Agency of Germany (Umweltbundesamt, UBA), Consultant Lawyer
5. “Capacity Building for Sound Management of Chemicals,” Consultant-Lawyer, Dekonta
6. “Institutional Strengthening for Implementation of the Montreal Protocol in Georgia,” UNDP Legal Expert

[Provide names, addresses, phone and email contact information for two (2) references]

References

Reference 1:

Akaki Veltauri

+995 591 81 96 11

Ministry of Environmental Protection and Agriculture

Reference 2:

Tamar Aladashvili

+995 593 122 428

Environmental Information and Education Center, Director

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experiences, and other relevant information about myself.



Signature of Personnel

___30/08/2019___

Date (Day/Month/Year)

Name of Personnel	Ketevan Papashvili
Position for this assignment	National Expert in Policy Analysis and Development
Nationality	Georgia
Language proficiency	Georgian – native; English – full professional proficiency; Russian - proficient; German – Elementary
Education/Qualifications	<i>[Summarize college/university and other specialized education of personnel member, giving names of schools, dates attended, and degrees/qualifications obtained.]</i>
	Master of Environmental Management and Policy Georgian Institute of Public Affairs (GIPA), Tbilisi 2016-2018
	Master of Public Administration Tbilisi State University in Cooperation with the German University of Administrative Sciences, Speyer 2011 – 2013
Professional certifications	BA in Law Ivane Javakhishvili Tbilisi State University 2006 – 2010
	<i>[Provide details of professional certifications relevant to the scope of services]</i> Training workshop and Regional Exchange on Monitoring of Environmental Safeguards Implementation <ul style="list-style-type: none"> Name of institution: Asian Development Bank Date of certification: 2018 The World Bank Environmental and Social Framework Course <ul style="list-style-type: none"> Name of Institution: World Bank Date of certification: 2018
Employment Record/Experience	<i>[List all positions held by personnel (starting with present position, list in reverse order), giving dates, names of employing organization, title of position held and location of employment. For experience in last five years, detail the type of activities performed, degree of responsibilities, location of assignments and any other information or professional experience considered pertinent for this assignment.]</i>
	October 2016 – Present Environmental Specialist Municipal Development Fund of Georgia <ul style="list-style-type: none"> Elaborating environmental files for infrastructure development projects implemented by MDF; Collecting evidences that proposed projects' does not violate existing national environmental regulations or environmental safeguards of World Bank, Asian development Bank, EBRD and other Donors; Evaluating possible adverse environmental impacts, exploring design alternatives and mitigation measures; Estimating range and scale of potentially harmful environmental impact; Developing information regarding standard procedures of projects' environmental safeguards; Determine necessity of environmental impact assessment, environmental impact permit and project categorization during projects' pre-design period; Preparing required environmental documentation, environmental management plans, over-viewing various environmental and social documentations prepared by consultants, analyzing and determining compliance with Georgian legislation and Donors requirements;

July 2014 – October 2016

Chief Specialist of the Legal Service

National Environmental Agency of the Ministry of Environment and Natural Resources Protection of Georgia

- Providing legal support to the Agency and other interested parties;
- Drafting normative and sub-normative acts, bills, contracts, reports, correspondence, complaints, claims, counter-claims, etc.
- Reviewing and analyzing relevant documents;
- Representing the Agency in courts or other public/private entities;
- Organizing administrative proceedings;
- Contributing to policy development, identifying problems and elaborating recommendations;
- Scheduling appointments, arranging meetings, taking minutes of meetings, maintaining calendar;
- Reporting to the Head of the Legal Service.

March 2016 – December 2016

Lawyer

Greens Movement of Georgia / Friends of the Earth - Georgia

Main duties and responsibilities for the project with name "**Social impact assessment reports on the example of Georgia**":

- Supervising project implementation;
- Conducting research about the social impact assessment regulations in Georgia;
- Reviewing experts reports and other documents;
- Participating in the process of elaborating final report with the relevant recommendations

September 2013 – October 2014

Regional Coordinator

Greens Movement of Georgia / Friends of the Earth - Georgia, Tbilisi (Georgia)

The Project "**Clean Up Georgia**" was supported by the Embassy of Sweden in Georgia. The main goal of the project is to organize clean-up campaigns all over the state. The main function of the regional coordinator included:

- Organizing clean-up campaigns locally;
- Ensuring locals involvement in the campaigns in order raise awareness;
- Collecting and processing the data about the cleaned-up territories and submitting to the projects manager;
- Supporting to the other regions and exchange best organizational practice.
- Reporting to the projects manager.

Jan 2014 – July 2014

Working Group Member on Project "Develop a Cost Benefit Analysis (CBA)

Model of watershed based hydropower development in the Enguri watershed area, including assessment of the environmental and social costs"

Gross Energy Group together with the "Norsk Energi", Tbilisi, Georgia

[Provide names, addresses, phone and email contact information for two (2) references]

References


Reference 1:

Mrs. Nino Chkhobadze - Co-chair of the "Greens Movement of Georgia / Friends of the Earth Georgia". email: nino.chkhobadze@gmail.com; Phone: +995 599 54 071

Reference 2:

Dr. Dr. hc Karl-Peter Sommermann – Chair of Public Law, Political Theory and Comparative Law, German University of Administrative Sciences Speyer. Email: sommermann@uni-speyer.de; Phone: +49 06232 / 654-344

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Signature of Personnel

30 – August – 2019
Date (Day/Month/Year)