



**EUMETNET**  
EUROPEAN METEOROLOGICAL SERVICES NETWORK



**EIG EUMETNET license agreement for Research and Education use of OPERA data (updated Nov. 2017)**

**This Licence is agreed between**

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acting by: \_\_\_\_\_  
hereinafter as referred to the **Licensor**

and

The **Licensees** are the Partners participating in the Projects with the following intended use (the Project):

In August 2019, the ESA Earthcare satellite is planned to be launched, which will employ high-performance lidar and radar technology that has never been flown in space before and will observe clouds, aerosols, radiation and precipitation. Our accepted project proposal, "*Cross-scale evaluation of ground precipitation derived from the ACM-CAP and C-CLD data products over Europe*", aims to validate the precipitation-related products over European land and sea, by using both instrumental and remote sensing data (OPERA composite weather radar dataset). To achieve this, besides the standard validation techniques that estimate precipitation properties and statistics at individual scales, we will introduce a novel statistical approach that compares observational efficiency over a continuum of spatiotemporal scales. Thus we will be able to pinpoint the specific scales, both in space and time, that agree or disagree with the satellite observations.

Scientists participating in the Project requiring an account are:

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a.

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- The EUMETNET OPERA Programme Manager, \_\_\_\_\_

<sup>1</sup> DCPC : data collection and production centre as defined by WMO Information System (WIS). See



- Additional stakeholders that could join the evaluation and verification tasks of the project (such as global Numerical Weather Prediction centres in Europe).

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**Czech Hydrometeorological Institute,  
Na Šabatce 2050/17; 143 06 Praha 412-Komořany**

on behalf of:

*GIE EUMETNET  
c/o Royal Meteorological Institute of Belgium  
Avenue Circulaire, Ringlaan, 3  
1180 Brussels, Uccle*

Licensee:

Ioannis Markonis  
Faculty of Environmental Sciences  
Czech University of Life Sciences Prague  
Kamýcká 129, 165 00 Prague,  
Czech Republic



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Any dispute among the Parties concerning the interpretation of the present License will be settled by agreement between the two Parties.

### **15. PERIOD OF AGREEMENT**

This agreement is valid 3 years from date of signature unless EIG EUMETNET decides to terminate the production of the Object of the License (OPERA products).

### **16. AMENDMENTS TO THE CONTRACT**

Any amendments to this contract shall be done in written form and agreed by all Parties.

### **17. DECLARATION**

I, the undersigned Ioannis Markonis, declare that I am the authorised signatory on behalf of Czech University of Life Sciences Prague.

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For the Licensor

For the Licensee