

Summary of the 42nd EWGLAM and 27th SRNWP Meetings

Balázs Szintai
C-SRNWP Manager

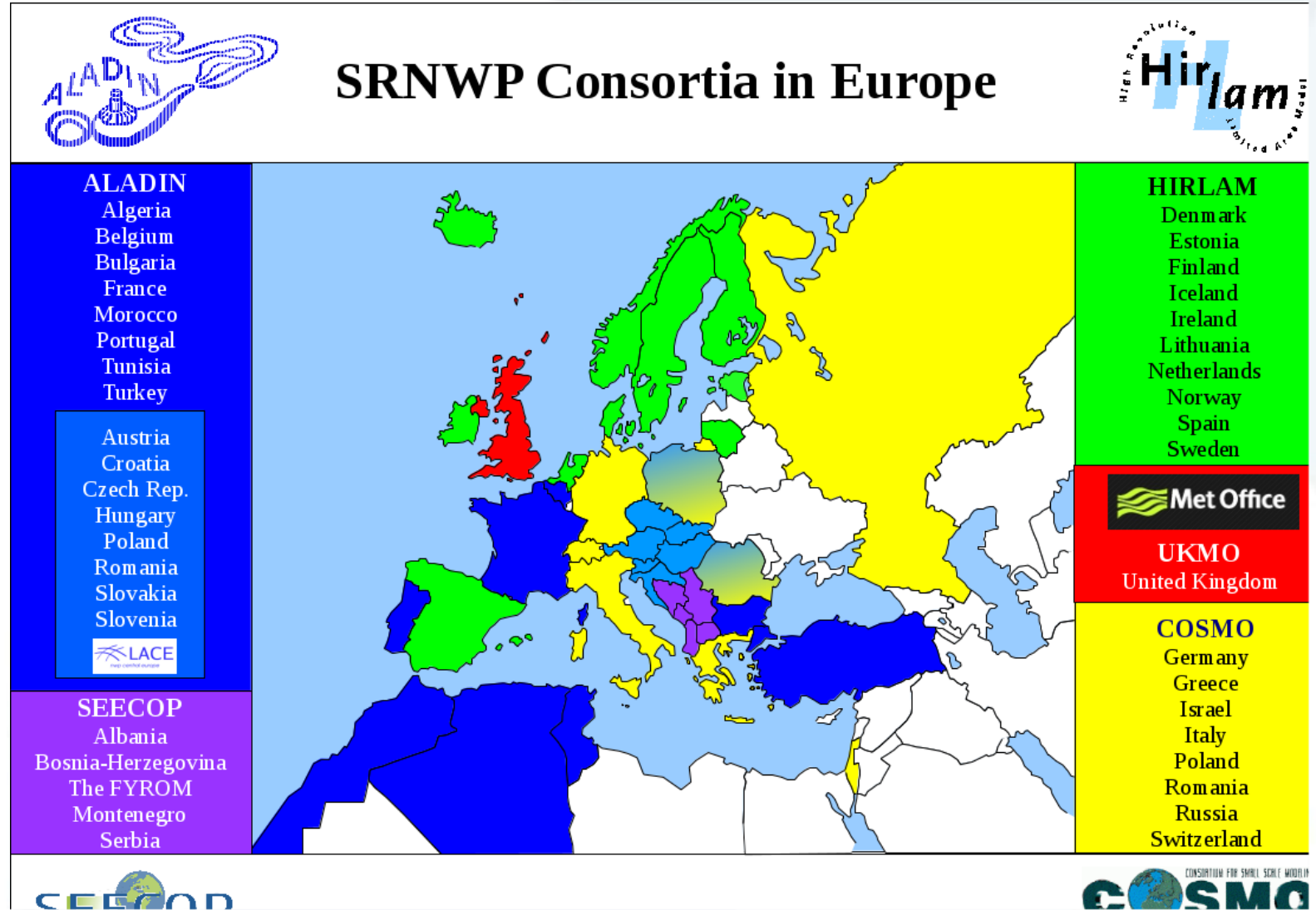


EUMETNET
EUROPEAN METEOROLOGICAL
SERVICES NETWORK

SEECOP Council Meeting
Online
19 January 2021

C-SRNWP Module of EUMETNET

- Coordination of Short Range Numerical Weather Prediction in Europe
- Current phase: 2019-2023
- 28 Member States, 2 Cooperating States
- New Members: Germany, Ireland
- Module Manager: 0.3 FTE
- Coordinating Member: Hungary, OMSZ



EWGLAM/SRNWP Meeting 2020

- Yearly meeting of NWP developers in Europe, organized by C-SRNWP
- Meeting was originally planned in Brussels → moved to online meeting in August
- **Structure is modified due to the online meeting:**
 - Side meetings do not run parallel
 - Meeting is extended to 5 days
- **Special subject this year: From raw external datasets to external parameters used by NWP models**

Presentations

- (Nearly) all presentation and posters available at:
 - SRNWP website:
 - <http://srnwp.met.hu/>
 - Presentations:
 - http://srnwp.met.hu/Annual_Meetings/2020/index.html
 - National posters:
 - http://srnwp.met.hu/Annual_Meetings/2020/posters/index.html

Participants

- **166 registered participants from 33 countries (peak attendance ~140)**
- **No representatives from 4 C-SRNWP Members (Cyprus, Iceland, Luxemburg, Montenegro)**
- **Representative of ECMWF (Gianpaolo Balsamo)**
- **Representative of EUMETSAT (Sreerekha Thonipparambil)**
- **Representative of JMA (Masami Narita)**
- **Invited experts outside the SRNWP community:**
 - Clément Albergel (ESA)
 - Almut Gassmann (Leibniz-Institut)
 - Martin Leutbecher (ECMWF)
 - Tara Jensen (NCAR)
 - Adam Clark, Brett Roberts (NOAA)

Breakout Sessions

- **Data Assimilation:** Wednesday morning
 - Discussion on EUMETNET DA impact studies
- **Surface Aspects:** Thursday morning
 - Handling of external surface datasets (with machine learning)
 - Physiography proposal
- **Predictability:** Thursday afternoon
 - Testbeds for model evaluation
- **Verification + Upper-air Physics:** Friday morning
 - How to evaluate physics changes in models?

New activity on physiography datasets

- Several LAM NWP consortia started to investigate ESA-CCI land cover map
- ESA-CCI (and other) land cover and physiography datasets has to be „checked” before using operationally in NWP models
- This „checking” will be done centrally to save resources
- EUMETNET is providing 27.000 EUR over three years for this work, starting in 2021



A position will be open soon to perform this work

EWGLAM/SRNWP Meeting 2021

- **27-30 September 2021, Brussels, Belgium (or online, or hybrid...)**
- **Local host institute: RMI**
- **Special topic: Application of machine learning to actual problems in NWP**
- **Invited experts could be proposed by any ET**

Thank you for your attention!



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CONTACT DETAILS

Balázs Szintai

C-SRNWP Manager

EIG EUMETNET

European Meteorological Services' Network

www.eumetnet.eu

Phone: +36 1 346 4705

Email: szintai.b@met.hu