



## Earth System Science and Environmental Management

### Annual Progress Conference 2014

#### Hotel Valamar Lacroma Dubrovnik

34 Iva Dulčića - 20000 Dubrovnik, Croatia

12th and 13th May 2014

#### 12<sup>th</sup> May 2014

09:00 – 09:10 Opening by ESSEM Domain Committee Chair, Ipek Erzi  
Welcome by the local organiser, Sandi Orlic

**Moderator: Dick Blaauboer**

09:10 – 09:40 ES1203 | Enhancing the resilience capacity of SENSitive mountain FORest ecosystems under environmental change (SENSFOR) | Kari Laine (Chair) | Stelios Pashiardis (Rapporteur)

09:40 – 10:10 ES1201 | Networking Lake Observatories in Europe (NETLAKE) | Eleannor Jennings (Chair) | John Sweeney (Rapporteur)

10:10 – 10:40 ES1106 | Assessment of EUROpean AGRiculture WATer use and trade under climate change (EURO-AGRIWAT) | Anna Dalla Marta (Chair) | Ipek Erzi (Rapporteur)

**10:40 – 11:00 Coffee break (including posters review)**

**Moderator: Michael Mente**

11:00 – 11:30 ES1204 | Loss of the Night Network (LoNNe) | Franz Hoelker (Chair) | Niels Larsen (Rapporteur)

11:30 – 12:00 ES1102 | Validating and Integrating Downscaling Methods for Climate Change Research | Douglas Maraun (Chair) | Jean-Pierre Chalon (Rapporteur)

12:00 – 12:30 ES1101 | Harmonizing Global Biodiversity Modelling | Paul Leadly (Chair) | Emil Fulajtar (Rapporteur)

**12:30-13:30 Lunch**

**Moderator: Staytcho Kolev**

13:30 – 14:00 ES0904 | European Gliding Observatories Network | Pierre Testor (Chair) | Stanislaw Massel (Rapporteur)

14:00 – 14:30 ES1003 | Marine Biodiversity Observatory System | Pim van Avesaath (DC Member) | Ertan Durmusoglu (Rapporteur)



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14:30 – 15:00 ES1001 | SMOS Mission Oceanographic Data Exploitation | Nicolas Reul (Vice-Chair) | Michael Mente (Rapporteur)

**15:00-15:20 Coffee break (including posters review)**

**Moderator: Michael Mente**

15:20 – 15:50 ES0907 | INTEgrating Ice core, MArine and TErrestrial records - 60,000 to 8000 years ago (INTIMATE) | Sune Olander Rasmussen (Chair) | Rein Vaikmae (Rapporteur)

15:50 – 16:20 ES1103 | Microbial ecology & the earth system: collaborating for insight and success with the new generation of sequencing tools | Tom Curtis (Chair) | Yosef Steinberger (Rapporteur)

16:20 – 16:50 ES1104 | Arid Lands Restoration and Combat of Desertification: Setting Up a Drylands and Desert Restoration Hub | Benz Kotzen (Chair) | Yosef Steinberger (Rapporteur)

16:50 – 17:10 ES1301 | Impact of Fluid circulation in old oceanic Lithosphere on the seismicity of transfOrm-type plate boundaries: neW solutions for early seismic monitoring of major European Seismogenic zones (FLOWS) | Christian Hensen (Chair) | Sandi Orlic (Rapporteur)

17:10 – 18:10 MC-Chairs Informal Meeting with DC-Chair, Vice-Chair and COST Office

**19:30 Official dinner at the Ston Bacus Restaurant, Pelješki put 1 20230 Ston**

## 13<sup>th</sup> May 2014

**Moderator: Ipek Erzi**

09:00 – 09:30 ES1202 | Conceiving Wastewater Treatment in 2020 - Energetic, environmental and economic challenges (Water\_2020) | Juan Lema (Chair) | Staytcho Kolev (Rapporteur)

09:30 – 10:00 ES1105 | Cyanobacterial blooms and toxins in water resources: Occurrence, impacts and management | Triantafyllos Kaloudis (Chair) | Dick Blaauboer (Rapporteur)

10:00 – 10:30 ES1205 | The transfer of engineered nanomaterials from wastewater treatment & stormwater to rivers | Lars Duester (Chair) | Maris Klavins ((Rapporteur)

10:30 – 10:50 ES1302 | European Network on Ecological Functions of Trace Metals in Anaerobic Biotechnologies | Fernando Feroso (Chair) | Inmaculada Ortiz (Rapporteur)

**10:50-11:00 Coffee break (including poster review)**

**Moderator: Ulrike Pechinger**

11:00 – 11:30 ES1004 | European framework for online integrated air quality and meteorology modelling | Sylvain Joffre (Vice-Chair) | Teresa Abrantes (Rapporteur)



- 11:30 – 12:00 TD1105 | European Network on New Sensing Technologies for Air-Pollution Control and Environmental Sustainability - EuNetAir | Michele Penza (Chair) | Konstantinos Kourtidis (Rapporteur)
- 12:00 – 12:30 ES 1006 | Evaluation, improvement and guidance for the use of local-scale emergency prediction and response tools for airborne hazards in built environments | Bernd Leidl (Chair) | Vidmantas Ulevicius (Rapporteur)

**12:30-13:30 Lunch**

**Moderator: Dick Blaauboer**

- 13:30 – 14:00 ES1207 | A EUROpean BREWer NETwork – EUBREWNET | John Rimmer (Chair) | Niels Larsen (Rapporteur)
- 13:50 – 14:10 ES1305 | European Network for the Radar surveillance of Animal Movement (ENRAM) | Jason Chapman | Teresa Abrantes (Rapporteur)
- 14:10 – 14:40 ES1206 | Advanced Global Navigation Satellite Systems tropospheric products for monitoring severe weather events and climate (GNSS4SWEC) | Jonathan Jones (Chair) | Anders Lindroth (Rapporteur)
- 14:40 – 15:00 ES1303 | Towards operational ground based profiling with ceilometers, doppler lidars and microwave radiometers for improving weather forecasts (TOPROF) | Anthony Illingworth (Chair) | Hugo De Backer (Rapporteur)

**15:00 - 15:20 Coffee break (including poster review)**

**Moderator: Ipek Erzi**

- 15:20 – 15:40 ES1304 | European network on invasive parakeets: Understanding invasion dynamics and risks to agriculture and society (ParrotNet) | Jim Groombridge (Chair) | Zorica Svircev (Rapporteur)
- 15:40 – 16:10 ES1005 | Towards a more complete assessment of the impact of solar variability on the Earth's climate | Thierry Dudok De Wit (Vice-Chair) | Hugo De Backer (Rapporteur)
- 16:10 – 16:40 ES1002 | Weather Intelligence for Renewable Energies | Anna Maria Semprevia (Vice-Chair) | Zoltan Dunkel (Rapporteur)
- 16:40 – 16:50 Closing remarks – Ipek Erzi