



**SMURBS**

SMart URBan  
Solutions  
for air quality,  
disasters and city  
growth

**GEO**Essential

Essential Variables  
workflows  
for resource  
efficiency and  
environmental  
management

**iGOSP**

Integrated  
Global Observing  
Systems  
for Persistent  
Pollutants

**iCUPE**

Integrative and  
Comprehensive  
Understanding  
on Polar  
Environments

## The European Network for Observing Our Changing Planet ERA-PLANET

[www.era-planet.eu](http://www.era-planet.eu)

Kick Off Meeting

Aula Marconi, CNR  
Piazzale Aldo Moro, 7 - Rome, Italy  
9-10 October 2017

## **AGENDA**



## DAY-1: 9 October 2017

- 9.15 – 10.00 **Welcome**
- *Fabio Trincardi, Director, Dep. Earth System Science and Environmental Technologies of CNR*
  - *Aldo Covello, Italian Ministry of Education, University and Research*
- 10.00 – 10.20 *ERA-PLANET: The European Network for Observing our Changing Planet*  
Nicola Pirrone (CNR), ERA-PLANET Coordinator
- 10.20 – 11.15 **The European and International Context**
- *Strengthening the European Research Area in the domain of Earth Observation*  
Andrea Tilche, Head of Unit, EC DG RTD on Climate and Earth Observation
  - *Creating and enabling a European EO Data Ecosystem for research public use and business*  
Martina Sindelar, EC DG GROW
  - *The 2030 Agenda on Sustainable Development*  
Giovanni Brunelli, Italian Ministry of the Environment, Land and the Sea
  - *EO Science for Society - Exploitation Platforms*  
Günther Landgraf, Head of Ground Segment Infrastructure Engineering Section, ESA
  - *GEO overview, strategic engagement and the GEO Work Programme*  
Steven Ramage, GEO Secretariat
- 11.15 – 11.45 *Coffee break*
- 11.45 – 12.15 Interoperability and Data Sharing, Stefano Nativi (CNR)
- 12.15 – 12.45 Data Quality Management, Joan Maso (CREAF)
- 12.45 – 14.00 *Lunch*
- 14.00 – 16.00 **Session-1: SMURBS, Chair: Evangelos Gerasopoulos (NOA)**
- Concept, approach and vision, Evangelos Gerasopoulos (NOA)
  - Workplan and Timeline, Eleni Athanasopoulou (NOA)
  - User needs and gaps, Matthias Karl (HZG)
  - SMURBS for AQ, Urs Baltensperger (PSI)
  - SMURBS for Disasters, Evangelos Gerasopoulos (NOA)
  - SMURBS for Urban Growth, Astrid Raudner (ISPRA)
  - SMURBS for Migration, Palma Blonda (CNR)
  - SMURBS for Health, Jana Klanova (MU)
  - Pilots, Training & Replication, David Kocman (JSI)
  - Expected Outcome, Orestis Speyer (NOA)
- 16.30 – 17.00 *Coffee break*
- 17.00 – 18.00 **Session-2: GEO Essential, Chair: Anthony Lehmann (UNIGE)**
- Essential Variables workflows for resource efficiency and environmental management, Anthony Lehmann (UNIGE)
  - Knowledge Management Services, Stefano Nativi (CNR)
  - Stakeholder engagement and gaps in Essential Variables, Joan Maso (CREAF)
  - GEOSS and Copernicus EVs services, Daniel Spengler (GFZ)



## DAY-2: 10 October 2017

- 9.00 – 9.30 ERA-PLANET in the context of open science and open innovation  
*Michel Schouppe, EC DG RTD*
- 9.30 – 10.30 **Session-2: Geo Essential cont'd**
- Biodiversity and Ecosystem Workflows, Aidin Niamir and Thomas Hickler (SGN)
  - Extractive industry & light monitoring Workflows, Pierre Lacroix (UNIGE)
  - The Food-Energy-Water Nexus, Ian McCallum (IIASA)
  - GEO Essential Dashboard: From EVs to Policy Goals (SDGs), Grégory Giuliani (UNIGE)
  - Dissemination, exploitation and Impacts, Petros Patias (AUTH)
- 10.30 – 11.00 *Coffee break*
- 10.30 – 12.30 **Session-3: iGOSP, Chair: Nicola Pirrone (CNR)**
- IGOSP in support of Minamata and Stockholm Conventions, Nicola Pirrone
  - Integration of GOS4M and GOS4POPs, Francesca Sprovieri (CNR) Jana Klánová (MU)
  - Integration of in-situ measurements and satellite data, Ralf Ebinghaus (HZG)
  - Integration of marine measurements with smart buoys and satellite data, Milena Horvat (IJS)
  - From atmospheric modelling to services and tools, Henrik Skov (AU)
  - Up-stream services and data publication/sharing, Sergio Cinnirella (CNR)
  - Interoperability, mid-stream and down-stream services, Stefano Nativi (CNR)
  - Dissemination, stakeholder engagement and training activities, Ian Hedgecock (CNR)
- 12.30 – 13.30 *Lunch*
- 13.30 – 15.30 **Session-4: iCUPE, Chair: Tuukka Petäjä (UHEL)**
- iCUPE vision and expected outcomes, Tuukka Petäjä (UHEL)
  - Workplan and timeline, Pauli Paasonen, Ella-Maria Duplissy (UHEL)
  - Ground-based component for SLCFs, Andreas Massling (AU)
  - In-situ component for organic contaminants, mercury and other heavy metals, Carlo Barbante (CNR)
  - Satellite remote sensing of Arctic surfaces, Angelika Humbert (AWI)
  - Integrating in-situ and satellite components, Jean-Daniel Paris & Kathy Law (CNRS)
  - Data science and interoperability, Steffen Noe (EULS) & Stefano Nativi (CNR)
  - General Questions/Discussion
- 15.30 – 16.00 *Coffee break*
- 16.00 – 17.00 Reporting, administrative, legal and financial issues.
- 17.00 – 17.45 Report from projects' session, by Projects' Coordinators
- 17.45 – 18.00 Final remarks



## ***DAY-3: 11 October 2017***

**The DAY-3** will be structured in four parallel sessions, one for each project. The meeting will take place at CNR-IIA ([www.iia.cnr.it](http://www.iia.cnr.it)) which is located in the north of Rome (Research Area of Montelibretti), at about 30 min by train from Tiburtina Station – all rooms are equipped with the video conference connection.

The size of available meeting rooms are as follow:

- two rooms for + 25 people
- one for + 80 people
- one for + 15 people

The Tiburtina Station is well connected with our institute (to step out of the train at the station “Pianabella di Montelibretti” 6 stops from Tiburtina Station) since it provides a train connection in both directions every 15 minutes – from there you may go directly to Fiumicino Airport (about 1 hr and 15 min).