SMURBS
SMart URBan Solutions for air quality, disasters and city growth

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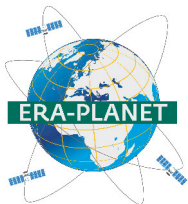
The European Network for Observing Our Changing Planet ERA-PLANET

www.era-planet.eu

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 Stochkolm 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) 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).