



WIGOS SPACE 2040 WORKSHOP

Developing a vision for space-based EO in 2040

Provisional Programme (as of 2015-10-20)

<p>Wednesday 18 November</p> <p>morning session</p>	<p>9.00 Opening (Secretary-General)</p> <p>9.15 Setting the scene Remote address from K. Sullivan, NOAA</p> <p>9.40 Societal needs for environmental information in 2040 (Dame Julia Slingo, UK Met Office)</p> <p>10.10 Space and information technology perspective (George J. Komar, NASA)</p> <p>10.35 <i>Coffee break</i></p> <p>11.00 Comparing current Earth Observation paradigm with former anticipations (J. Eyre, Chair IPET-OSDE)</p> <p>11.25 Integrated Earth modelling</p> <p>11.50 Access to space and evolution of space activities (Peter Hulsroj, ESPI)</p> <p>12.15 WMO Rolling Review of Requirements and vision process (Lars Peter Riishoigaard, WMO)</p>
<p>afternoon session</p>	<p>Panel on Weather Applications</p> <p>14.00 NWP (Peter Bauer, ECMWF)</p> <p>14.30 Nowcasting and Very Short Range Forecasting</p> <p>15.00 Severe weather monitoring and disaster risk reduction</p> <p>15.30 <i>Coffee break</i></p> <p>16.00 Break-out groups on weather applications</p>
<p>Thursday 19 November</p> <p>morning session</p>	<p>Panel on climate, water and environment</p> <p>9.00 Challenges in implementing the Global Climate Observation System (Carolin Richter, GCOS Sec)</p> <p>9.25 Grand Challenges of climate research and the role of EO (Robert Pincus, Colorado State University)</p> <p>9.50 Observation needs of seasonal to interannual outlooks (Roger Saunders, UK Met Office)</p> <p>10.15 EO data, knowledge and services to enhance climate resilience (Pierre-Philippe Mathieu, ESA)</p> <p>10.40 <i>Coffee break</i></p> <p>11.00 Regional climate observation: an African perspective (Aida Diongue Niang, NMS Senegal)</p> <p>11.30 Break-out groups on climate</p>
<p>afternoon session</p>	<p>Panel on climate, water and environment (continued)</p> <p>14.00 Ocean observation challenges and implications for research and applications (Detlef Stammer, University of Hamburg)</p> <p>14.25 Global Cryosphere Watch perspective (Jeff Key, CIMSS and NOAA)</p> <p>14.50 Environment Applications including greenhouse gas and air quality issues (Phil DeCola, Sigma Space Corp.)</p> <p>15.15 <i>Coffee break</i></p> <p>15.45 Break-out groups on water and environment</p>
<p>Friday 20 November</p> <p>morning session</p>	<p>Cross-cutting matters</p> <p>9.00 Space/surface complementarity (Lars Peter Riishoigaard, WMO)</p> <p>9.15 Non-meteorological Applications for Next Generation Geostationary Satellites (Toshiyuki Kurino, JMA)</p> <p>9.30 Radio-frequency spectrum management issues (Jean Pla, CNES)</p> <p>9.50 New paradigm in access to information (Marie Françoise Voldrot, MétéoFrance)</p> <p>10.15 Traceability and quality issues (Bruce Wielicki, NASA)</p> <p>10.40 <i>Coffee break</i></p> <p>11.00 International coordination for continuity and interoperability: a CGMS perspective (Peng Zhang, CMA)</p> <p>11.20 Novel orbit scenarios (Guennadi Kroupnik, CSA)</p> <p>11.40 Outcome of the Expert Team on Satellite Systems (Jack A. Kaye, ET-SAT Chair)</p> <p>Discussion</p>
<p>afternoon session</p>	<p>Conclusions</p> <p>14.00 Sharing the findings of the breakout groups</p> <p>15.00 Adoption of recommendations</p> <p>15.40 <i>Coffee break</i></p> <p>16.00 Closing statements</p> <p>16.30 End of the workshop</p>