

Expert Meeting on the Benefits of Space-based Applications for Environmental Monitoring and Humanitarian Affairs for Geneva-based UN and other International Organizations

12-13 May, 2016

Co-hosted by the United Nations Office for Outer Space Affairs (UNOOSA)
and the Group on Earth Observations (GEO)

Salle C1, at World Meteorological Organization (WMO)

12 May - Day 1

Time	Session
09.30-10.15	<p>Welcome and Opening Remarks</p> <ul style="list-style-type: none"> • Robert Samors, Office of the Director, GEO Secretariat • Simonetta Di Pippo, Director United Nations Office for Outer Space Affairs (UNOOSA) • <i>The role of the UNOOSA Liaison Office in Geneva</i> Luc St-Pierre, Chief, Space Applications Section, UNOOSA
10.15-11.15	<ul style="list-style-type: none"> • <i>Setting the stage: "Next Generation" Humanitarian Mapping Using Satellite Imagery.</i> Stefan Voigt, German Aerospace Center (DLR) • <i>GNSS (Global Navigation Satellite Systems) - Applications in Disaster Management (Tsunami Early Warning)</i> Gerald Bawden, NASA • <i>Use of EO Data in Population Modelling, Global Roads Data Development, Global Particulate Matter (PM2.5) Monitoring at CIESIN/Columbia University</i> Greg Yetman, Columbia University.
10.45-11.15	Coffee Break
11.15-13.00	<ul style="list-style-type: none"> • <i>Satellite technologies in Environmental and Humanitarian Applications- Where Are We Today?</i> Peter Zeil, University of Salzburg • <i>Google Earth Engine and Satellite Imagery for Environmental Monitoring</i> (tbc) • <i>Summary of Presentations; Takeaways</i> Luc St-Pierre, UNOOSA • <i>Panel Discussion</i> (interactive technical Q&A session between audience and all presenters) Moderated by Lorant Czaran, UNOOSA
13.30-14.30	Lunch Break
Time	Session
14.30-15.45	<ul style="list-style-type: none"> • <i>Use of Earth Observation Data for Humanitarian Support</i> Luca Dell'Oro, UNITAR/UNOSAT

	<ul style="list-style-type: none"> • <i>Recent and Upcoming Urban-Related EO Application Activities at the European Space Agency</i> Ivan Petiteville, European Space Agency/ESRIN • <i>Use of Space-based data at UNEP/GRID Geneva</i> Pascal Peduzzi, UNEP/GRID-Geneva, Switzerland • <i>DigitalGlobe Data and Services in Support of Environmental Monitoring and Human Security - Overview and Open Data</i> Iain MacInnes, DigitalGlobe
15.45-16.00	Coffee Break
16.00-17.30	Software and data applications demonstrations by all presenters; Hands-on with various applications and imagery tools. Interventions or presentations by Geneva-based entities

13 May - Day 2

Time	Session
09.00-11.00	<ul style="list-style-type: none"> • <i>The Eye on Earth Alliance and Special Initiatives - space technologies aspects</i> Viktor Lagutov, Central European University, Budapest • <i>Satellite Imagery in Humanitarian Work</i> Josh Lyons, Human Rights Watch • <i>Using Copernicus data (Sentinels) and Emergency Services in Natural Disasters or Crisis Related Applications</i> Ian Kucera, European Commission Joint Research Center (JRC) (Remote presentation) • <i>Applications of Aerial Hyperspectral Imagery – Environmental Approach</i> Gergely Hunyadi, Karoly Robert College, Gyongyos, Hungary • <i>Case Study on Global Health</i> International Committee of the Red Cross • <i>Case study – FATMAP - Next Generation 3D maps for decision making</i> Misha Gopaul, FATMAP, U.K.
11.00-11.15	Coffee Break
11.15-12.30	Panel Discussion on end-user requirements (interactive dialogue with expert presenters, Geneva-based UN and other international entities)
12.30-13.00	Conclusions and closing remarks
13.00-14.40	Lunch
14.00-16.00	Bilateral consultations, discussions (open)