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Final Agenda

Joint Workshop On Information Needs in Crop Monitoring 22 and 23 October 2015

Alfavito Hotel

Predslavinska street 35 D, Kyiv, Ukraine

co-organised with:



GEOGLAM
Global Agricultural Monitoring



 UNITED NATIONS
Office for Outer Space Affairs
UN-SPIDER

22 October 2015 (Plenary Room)

- 9:00-9:30 **Opening session**
Moderator: Oleg Fedorov, SRI
Objectives and scope of the workshop G.Lemoine, JRC
Welcome words from National Academy of Sciences of Ukraine, Academician Y.Yatskiv
Round table, introduction the participants
- 9:30-10:30 **Introduction to the scope of the workshop**
Information needs in crop monitoring, V. Rutytska, Ministry of Agrarian Policy and Food of Ukraine
Novel technologies used in crop monitoring, G. Lemoine, JRC, Italy
The Copernicus Space Component for Agriculture, B. Koetz, ESA, Italy
- 10:30-11:00 Coffee break
- 11:00-12:30 **Regional experience in operational crop monitoring and key information requirements**
Moderator: Olivier Leo, JRC
Crop monitoring requirements for national security in Ukraine, L.Grekov, National security and defence council of Ukraine
International projects of the StateGeoCadastre and prospects of Earth observations utilization, D. Makarenko, The State Service of Ukraine for Geodesy, Cartography and Cadastre
Crop monitoring requirements in Belarus, S. Krautsou, NAS, Belarus
Crop monitoring requirements in Turkey, A. Mermer, CRI Field Crops, Turkey
Crop monitoring and crop yield forecasting in Hydrometeocenter of Ukraine: the state of the art and information needs, T. Adamenko, HMC, Ukraine
Discussion.
- 12:30-14:00 Lunch
- 14:00-15:45 **Operational crop monitoring**
Moderator B. Koetz, ESA
GEOGLAM and global yield monitoring, Olivier Leo, JRC, Italy
Satellite monitoring products at national and regional levels, N. Kussul, SRI, Ukraine
AGRIMONIS, T. Altılar, ITU, Turkey
Irrigation management using satellite data, O. Zhovtonog, NAAS, Ukraine
Land use change, O. Dubovyk, G. Ghazaryan, U. Bonn, Germany
- 15:45-16:15 Coffee break
- 16:15-18:00 **Supporting technologies**
Moderator: Nataliia Kussul, SRI
Parcel reference system implementation, R. Zawadski, ARIMR, Poland
Crowd-sourcing, I. Moorthy, IIASA, Austria
Informational technologies within the system of soil monitoring in Ukraine, V. Panasenko, State Institution "Soil Protection Institute of Ukraine"
Open Spatial Data Infrastructure, J. Baltussen, RVO, Netherlands C
Cloud platform for regional agricultural monitoring, I. Butko, Centre of organization of space facilities and special control, State space agency of Ukraine
Hyperspectral imaging, D. Mikus, U. Gyöngyös, Hungary
Discussion and Wrap up Day 1
- 18:00- Reception followed by dinner

23 October 2015 (Plenary Room)

14:00-16:00 Possibility to continue bilateral discussions

- 9:00-9:15 **Introduction to Day 2**
Summary from Day 1 (JRC)
Outline of parallel session 1 (Moderator: N. Kussul, SRI)
Outline of parallel session 2 (Moderator: L. Czárán, UNOOSA)
- 9:20-10:15 **Parallel discussion sessions**
Session 1: Matching common information needs (Plenary Room)
Mapping the various user needs, determining common requirements, prioritisation, facilitation of technology solutions, possibilities for collaboration and exchange, funding mechanisms
Session 2: Technology to match common information needs (Breakout Room)
Identification of suitable technological solutions, regional assets and capacities, technology gaps, R&D needs, path to operational use
- 10:15-10:45 Coffee break
- 10:45-11:30 **Continuation parallel sessions**
Continuation of discussions, write up of conclusions
- 11:30-12:15 **Reports from parallel sessions**
Presented by Session reporters, followed by discussion
- 12:15-12:30 **EU funding for collaborative activities**
Representative from the EU Delegation in Ukraine
- 12:30-12:45 **Closing remarks and End of the Workshop**
Representative from the Ukrainian Authorities
- 12:45-14:00 Lunch