



Belgian Earth Observation Day 2019

28 NOVEMBER 2019 IN KLUISBERGEN

PROGRAMME

9:30 Registration

10:00 Conference Opening

10:15 First session: Final results of Thematic projects

HYDRAS+ - Multisource data assimilation into land surface models
Dominik Rains - UGent

MAUPP - Modeling and predicting African Urban Population Patterns
Catherine Linard - UNamur

SAT-EX - A data-driven perspective on global biosphere–climate interactions
Diego Miralles - UGent

URBANEARS - Urban Ecosystem Analysis supported by Remote Sensing
Ben Somers - KULeuven

11:20 Second session: Introduction to new exploration projects (1)

VERSUS - Studying and Monitoring Open-Vent Volcanoes from Space
Benoît Smets - RMCA

SARSAR - The potential of SAR and OPTICAL Sentinel images for the automatic monitoring of redevelopment sites
Sophie Petit - ISSEP

ALBERI - Assessing links between biogenic emissions and remote-sensed photosynthesis indicators
Maité Bauwens - BISA

AQUALOOKS - Information on aquatic particles from multi-look remote sensing
Héloïse Lavigne - RBINS

C-SNOW - Mapping snow mass in the Northern Hemisphere mountain ranges with Sentinel-1
Hans Lievens, Isis Brangers, Hans-Peter Marshall and Gabrielle De Lannoy - KULeuven

EODAHR - Improved early warnings through Earth observation data assimilation and hydrological retrospective forecasts
Pierre Baguis - RMI

ET-SENSE - Potential of the Sentinel data stream to retrieve evaporation and soil moisture
Dominik Rains - UGent

12:15 Lunch



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13:45 Keynote speech

Near real time data & intelligence based on VHR imagery and external sources
Benoît Deper - AEROSPACELAB

14:30 Second session: Introduction to new exploration projects (2)

BELSAR-Science - Exploitation of the first bistatic SAR time series for agriculture and hydrology applications
Jean Bouchat - UCL

GENLIB - Developing a generic framework for library-based multi-site mapping of urban areas
Frank Canters - VUB

PALMWATCH - Detection of Red Palm Weevil in palm trees with Remote Sensing
Stephanie Delalieux - VITO

SLUMAP – Towards scalable and transferable slum mapping
Sabine Vanhuyse - ULB

TIMBERS - 3D Turbidity assessment through integration of multibeam echo-sounding and optical remote sensing
Els Knaeps and Robrecht Moelans - VITO

15:05 Coffee break

15:25 Third session: Final results of exploration projects

EO-REGIONS-Science - Research in support to building a digital platform for Earth observation services in Wallonia
Christian Barbier - CSL

SMARTPOP – New monitoring and forecasting tools for the Walloon territorial development
Eric Hallot - ISSEP

INPLANT - Plant optical traits to characterize herbaceous communities and understand invasion impacts
Ben Somers and Elisa Van Cleemput - KULeuven

MAMAFORREST: Monitoring system for mangrove forests using optical and radar data
Viviana Otero - ULB

MUZUBI – advanced phase unwrapping using split-band interferometry
Denis Defrere - CSL

16:45 The STEREO III programme: News

17:00 Closure of the Workshop