



# Belgian Earth Observation Day 2014

20 November 2014, Lier - Belgium



## PROGRAMME

**8:30 Registration**

**9:15 Conference Opening**

**9:20 The use of Earth observation data in the Belgian regional administrations**

FLANDERS: Image Archiving and Processing Chain of GDI-Flanders, catalyzing innovation in operations (Flemish Geographical Information Agency).  
*Nancy VAN CAMP, Jo VAN VALCKENBORGH (AGIV)*

BRUSSELS: 3D modeling of buildings in Brussels - Capital Region by combining stereoscopic images with LiDAR and vector data  
*Sébastien DEFRANCE (CIRB-CIBG)*

WALLONIA (title to be confirmed)  
*Dominique BUFFET (SPW)*

**10:15 Bridging remote sensing companies and academia**

Companies looking for partnerships with academia or looking to hire scientists can briefly present themselves. Individual meetings can be arranged later during the day

**10:45 Coffee break**

**11:10 First session: Final results of small projects**

BESST: Using DINEOF in operational mode for correcting inter-sensor biases in sea surface temperature.  
*Aida ALVERA-AZCARATE (ULg)*

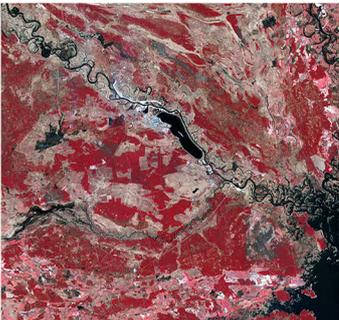
ESSENSE: Assessing patterns in biodiversity and regulating ecosystem services using imaging spectroscopy.  
*Ruben VAN DE KERCHOVE (VITO)*

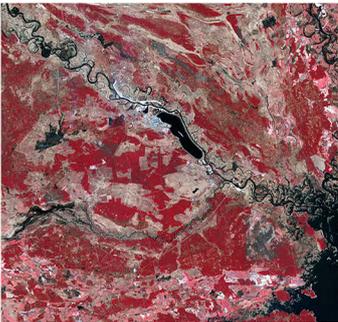
FLOODMOIST: Using SAR observations of floods in inundation modelling.  
*Niko VERHOEST (UGent)*

GRAZEO: Grazing suitability indicators from Earth Observation to improve buffalo-cattle contact risk models.  
*Eléonore WOLFF (ULB)*

RE-LEARN: RE-using field reference data in space and time for vegetation mapping: the potential of semisupervised and active LEARNing techniques.  
*Jan-Pieter JACOBS (UA)*

**12:15 Lunch**





**13:40 Continuation of first session**

SATHELI: The potential of VHR remote sensing data for fine-scale risk mapping of Fasciola Hepatica.  
*Frieke VAN COILLIE (UGent)*

SEASWIR: Remote sensing of highly turbid waters: an evaluation of the SWIR spectral region  
*Els KNAEPS (VITO)*

SENSAR: Towards improvement of remote sensing data products for soil moisture using ground penetrating radar.  
*Xavier NEYT (RMA)*

VALI-URB: Urban sprawl and ecological corridors: Consolidation of VHRS remote sensing methods.  
*Eléonore WOLFF (ULB)*

VI-X: The contribution of the Vi-X project to the study of the Kivu Rift Basin – Central Africa.  
*François KERVYN (Africamuseum)*

**14:40 Results of the evaluation of the STEREO II programme**

**14:55 Second session: Final results of thematic network projects!**

APLADYN: Urbanisation as a threat for heritage and archaeology, the case of Cairo.  
*Rudi GOOSSENS (UGent)*

BIOHYPE: What can we learn from hyperspectral solar-induced chlorophyll fluorescence of urban tree leaves?  
*Shari VAN WITTENBERGHE (UA)*

**15:35 Coffee break**

**15:55 Continuation of second session**

FOMO: Bhutan: national scale forest policies and the reported forest transition.  
*Derek BRUGGEMAN (UCL)*

HYPERFOREST: Combining LiDAR and hyperspectral remote sensing to support forest management  
*Frieke VAN COILLIE (UGent)*

VEGECLIM: Integrating 13-Y time series of daily SPOT-VEGETATION observation and land surface modelling to forecast terrestrial carbon dynamics of the Congo Basin forests  
*Pierre DEFOURNY (UCL)*

**17:00 Revamped STEREO III programme and the future calls for proposals**

**17:30 Closure of the Workshop**