



# Belgian Earth Observation Day 2018 2.0

13 NOVEMBER 2018 IN BARVAUX-CONDROZ

## PROGRAMME

- 9:30 Registration
- 10:00 Conference Opening
- 10:15 Moulding a concept into a product - overcoming the pitfalls  
*Els Ducheyne – Avia-GIS*
- 10:40 First session: Air, earth and water
- BUMBA - Belgian Urban NO<sub>2</sub> Monitoring Based on APEX Remote Sensing  
*Frederick Tack (BISA)*
- RESIST - Remote Sensing and In Situ Detection and Tracking of Geohazards: results from 4 years of landslides and volcanoes studies in the Kivu Basin  
*François Kervyn - Africamuseum*
- DRONESED - Drone based water quality monitoring  
*Liesbeth De Keukelaere - VITO*
- PONDER - using metre scale optical satellite data for inland and coastal water applications  
*Quinten Vanhellemont - RBINS*
- PROBA4COAST - Coastal Turbidity Derived From The PROBA-V Global Vegetation Satellite  
*Els Knaeps - VITO*
- 11:55 The STEREO III programme and what's new and noteworthy in the BEO community
- 12:15 Lunch



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### 13:45 Second session: Crops and soil

HYPERTEMP - Multitemporal monitoring of fruit orchard vitality with multisensory BELAIR data  
*Stephanie Delalieux - VITO*

PROSOIL - The evaluation of forthcoming satellites for mapping topsoil organic carbon in croplands  
*Fabio Castaldi - UCL*

IPOT - Monitoring potatoes from space: from iPot to WatchITgrow  
*Isabelle Piccard - VITO*

RAPAS - Close aerial sensing of soils for improved remote sensing products  
*Sebastien Lambot - UCL*

INTELLI-FRUIT - Simple and intuitive information for fruit growers based on remote sensing and proximal sensing technologies  
*Stephanie Delalieux - VITO*

### 15:00 Coffee break

### 15:30 Third session: Ecosystems and flows

STR3S - On the potential of satellite sun-induced fluorescence to monitor transpiration  
*Diego Miralles - UGent*

U-TURN - Understanding turning points in Dryland ecosystem functioning  
*Paulo Bernardino - KULeuven*

HIWET - High-resolution Modelling and Monitoring of Water and Energy Transfers in Wetland Ecosystems  
*Boud Verbeiren - VUB*

HYPI - Assessment of Isoprene Emission by Hyperspectral data  
*Trissevgeni Stavrou - BISA*

DIARS - Mapping, modelling and impact assessment of invasive alien species with remote sensing  
*Ruben Van De Kerchove - VITO*

### 16:45 Closure of the Workshop