

# Global Primary Production development with Sentinel-3 - way forward

## Scientific Roadmap workshop

*15th of May 2019, Living Planet Symposium, Milan, Italy  
12.00h-14.00h Agora Giardino*

### *Scope of the workshop*

Monitoring ecosystem productivity from space is key information for various domains such as Climate Change research & agriculture and forestry monitoring. Within the TerrA-P project, a state-of-the-art Primary Production model has been implemented on global Earth Observation (EO) data. What are the major scientific and implementation challenges? And how should future research be prioritized?

## AGENDA

- **12.00h – 12.15h: Welcome & introduction of the project**
  - Philippe Goryl (ESA)
  - Roel Van Hoolst (VITO)
- **12.15h – 13.45h: Panel Discussion: Global Primary Production development with Sentinel-3 - way forward**
- Topics:
  - Primary Productivity modelling challenges on EO data: Lessons learnt & what are the challenges/opportunities on Sentinel 3.
  - S3/FLEX synergies for global primary productivity estimations.
  - In-situ data – what's available & needed
  - ...
- Panel members:
  - Iain Colin Prentice (Imperial College of London)
  - Ivan Janssens (University of Antwerp)
  - Jose Moreno (University of Valencia)
  - Nadine Gobron (Joint Research Centre)
  - Darren Ghent (University of Leicester)
- **13.45h – 14.00h: Wrap-up**

### *Session conveners*

- Else Swinnen (VITO)
- Roel Van Hoolst (VITO)
- Iain Colin Prentice (Imperial College of London)
- Ivan Janssens (University of Antwerp)
- Manuela Balzarolo (CREAF)