

# living planet symposium | BONN 23-27 May 2022

TAKING THE PULSE  
OF OUR PLANET  
FROM SPACE

## B6.01 National EO satellite missions - 1

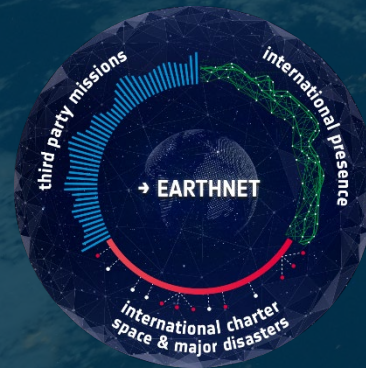
26 May 2022

ESA chairs: Henri Laur and Peggy Fischer

## Welcome!

This session provides a forum for presentations of current and upcoming national missions in Europe and world-wide.

- ✓ to cover data offer, mission capabilities, scientific applications, international collaboration and more.



- ✓ 6 presentations/speakers
- ✓ 15 minutes presentation each
- ✓ After each presentation, few minutes for Q&A
- ✓ Chairs will notify speakers when 3 minutes are left

# B6.01 National EO satellite missions - 1



**8:30 am - The German Earth Observation Programme: Missions and Applications**

[Dr. Hans-Peter Lüttenberg | DLR Space Agency | Germany](#)

**8:45 am - Initial Results of ALOS-3 the Successor of the Optical Mission by ALOS**

[Dr. Takeo Tadono | JAXA | Japan](#)

**09:00 am - Italian Space Agency PLATiNO missions: observing the Earth with SAR, TIR, VNIR and Hyperspectral payloads.**

[Vincenzo Pulcino | ASI - Agenzia Spaziale Italiana | Italy](#)

**09:15 am - The Vegetation and Environment New Micro Satellite (VEN $\mu$ S): Unique characteristics and applications**

[Prof. Arnon Karnieli | Ben Gurion University | Israel](#)

**09:30 am - BIODIVERSITY – Status of a new hyperspectral space mission**

[Prof. Dr. Stéphane Jacquemoud | IPGP](#)

**09:45 am - Landsat 9, Continuing the 50-Year Landsat Program Legacy**

[Timothy Stryker | USGS | United States](#)



- ESA is a world-leader in Earth observation, developing cutting-edge spaceborne technology to further understand the planet, improve daily lives, support effective policy-making for a more sustainable future, and benefit businesses and the economy.
- International co-operation helps leveraging the effectiveness of ESA Earth observation activities.
- Numerous initiatives:
  - CEOS – Committee of Earth Observation Satellites (ESA founder member)
  - GEO – Group of Earth Observations
  - GEOGLAM – Focus on Food Security
  - NASA JPPG & Open Science Collaboration
  - Sentinel -6 Michael Freilich – Ocean Altimetry
  - MAAP – Multi-mission Algorithm and Analysis Platform
  - Enhanced Cryosphere Observations
  - JAXA Collaboration
  - SCO – Space Climate Observatory
  - IMBIE - Ice sheet Mass Balance Inter-comparison Exercise
  - NASA – ESA – JAXA (EO Dashboard)
  - CSA – Canadian Space Agency
  - CONAE – Argentinian Space Agency
  - African – European EO Partnership
  - EO AFRICA (EO African Framework for Research, Innovation, Communities & Applications)
  - China – Dragon Cooperation
  - ESA’s Earthnet Programme