UNISPACE+50 – 1. High Level Forum Dubai

DLR’s role in the fields of space science and technology

Prof. Dr. Pascale Ehrenfreund

20 November 2016
184 Large-Scale Research Infrastructures

Jointly used with 108 research and industry partners
Global Challenges
Solutions from SPACE

TerraSAR-X & TanDEM-X

> 1400 operational Satellites in space
German Space Missions: Contributions to Climate Change Research & Societal Needs

TerraSAR-X/TanDEM-X
Launched 2007 / 2010

EnMAP
Launch in 2019

MERLIN
Launch in 2021
Satellite-based information can contribute to better understand, assess and uncover complex disease dynamics and health risks (Buruli ulcer disease).
High-resolution time series 2003-2005
DLR contributions to UNISPACE+50 relevant activities

DLR is Member of the

- Space Mission Planning Advisory Group (SMPAG)
- International Asteroid Warning Network (IAWN)
- Long-term Sustainability WG
- Expert Group on Space Weather
- Expert Group on Global Health

- Close cooperation with UN SPIDER (Bonn Office)
- German Chair of Working Group „Status and Applications of the 5 UN Treaties on Outer Space” (UNCOPUOS/LSC)
- German Initiative “Space Traffic Management” (UNCOPUOS/LSC)
Thank you!

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Synergies
Aeronautics, Space, Energy & Transportation for Global Challenges