

living planet symposium

BONN
23–27 May
2022

TAKING THE PULSE
OF OUR PLANET FROM SPACE

Session E2.02.1

Climate Security - The key role of R&I and cooperation to address global threats



Chair: Mr. Sergio Albani (EU SatCen, Head of RTDI Unit)

Co-Chair: Ms. Paula Saameno (EU SatCen, RTDI Project Manager)

25th May 2022



Safety and security of citizens and societies must be guaranteed



In the last decades, the impact of global issues on local security has made evident



New complex scenarios need to be addressed, and Climate Security is a key one



EO data and technology are powerful tools to address Climate Security scenarios



Research and Innovation actions need to be put in place to advance in solutions



Cooperation between entities to develop advanced digital models of the Earth is crucial

Session E2.02.1 Agenda



13:30: Session opening

13:30: Geospatial Intelligence applications to address Climate Security issues - Dr. Michele Lazzarini | SatCen | EU

13:45: Climate change as a direct and indirect multiplier of international crisis and conflict, and the role of Earth observation - Prof. Stephen Briggs | Reading & Cambridge Univs. | United Kingdom

14:00: Leveraging the power of remote sensing for the implementation of climate change adaptation and mitigation in Europe - Dr. Andrea Marinoni | UiT the Arctic University of Norway | Norway

14:15: Controlling Weather Field Synthesis Using Variational Autoencoders - Dr. Dario Augusto Borges Oliveira | TUM Technical University of Munich | Germany

14:30: Climate Security assessment and mitigation support tools - Stefano Natali | SISTEMA GmbH | Austria

14:45: The Challenges with FAIR Data in a Blooming Data Environment - Dr. Nils Hempelmann | Open Geospatial Consortium (OGC) | Belgium

15:00: Session closure

