

→ EARTH OBSERVATION FOR SUSTAINABLE DEVELOPMENT

Climate Resilience



Webinar Series on how to use Earth Observation to tackle Climate Change

*Webinar 04: Water world: How EO data is
deepening our knowledge of flood risk and
water resource management*

Welcome

→ EARTH OBSERVATION FOR SUSTAINABLE DEVELOPMENT

Priority thematic areas:

- Urban Development
- Agriculture and Rural Development
- Water Resources Management
- Disaster Risk Reduction
- Climate Resilience
- Fragility, Conflict & Violence
- Marine & Coastal Resources Management
- Ecosystems
- Forests
- Energy



Bringing EO down to Earth: How to use earth observation in climate resilience decision-making

Webinar 01: 11 June 2020 / 16:00 CEST

Setting the scene: the climate resilience challenge and how ESA is responding

Webinar 02: 18 June 2020 / 16:00 CEST

The how, when, and why of using EO data in climate resilience decision-making / Showcase 1: Agriculture and Pastoral Livelihoods & Water

Webinar 03: 25 June 2020 / 16:00 CEST

The how, when, and why of using EO data in climate resilience decision-making / Showcase 2: Urban & Environmental & Natural Resources

Webinar 04: 02 July 2020 / 16:00 CEST

Water world: How EO data is deepening our knowledge of flood risk and water resource management

Webinar 05: 09 July 2020 / 16:00 CEST

Is this drought normal? How EO data can help you understand drought hazard and benchmark your risk

Webinar 06: 16 July 2020 / 16:00 CEST

'How-to' Session: Using the E04SD CR Platform to access EO data (hands-on)

Webinar 07: 23 July 2020 / 16:00 CEST

'How-to' Session: Using Jupyter Notebook to access EO data (hands-on)

Earth Observation for Sustainable Development (E04SD) is an ESA initiative that aims to increase the uptake of EO-based information in development operations at



Q&A & Chat box



For any further questions please contact us: atrypitsidis@noa.gr



Outline & Agenda

Francois KAYITAKIRE - Advances in Earth Observation => improved flood risk modelling

Director of Research and Development Department, African Risk Capacity (ARC) Agency

Norman Kiesslich - Water & Wetland Monitoring Service

Senior Project Manager, GeoVille GmbH

Mohamad Nobakht - Flood risk & EO4SD CR Rainfall Explorer

Senior Earth Observation System Engineer, TELESPAZIO VEGA

Manu Sharma - Testimonials from the collaboration of EO4SD CR cluster with MIGA

Multilateral Investment Guarantee Agency (MIGA)

Q&A