

BOOSTING CLIMATE MONITORING APPLICATIONS: THE SPACE FOR CLIMATE OBSERVATORY

UN/AUSTRIA SYMPOSIUM 2022, SPACE AND CLIMATE

ACTION 13/09/2022

F. BRETAR

Provide **operational tools** for climate adaptation, mitigation and monitoring,

- at a **local scale**, using satellite-based observation tools together with in-situ data and models,
- designed to answer specific needs of the general public and decision-makers.

Foster cooperation around these applications to favour their reuse and communicate on them

Build a network for space agencies and public and private entities involved in the use of EO data for operational climate action







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Today, the SCO is

- 1. A strong accreditation process
- 2. A portfolio of projects using a diversity of satellite data
- 3. A diversity of thematics
- 4. All around the world





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situ measures

- IN: water height of in-situ measures
- OUT: date & location of in-situ measures
- IN: date & location of in-situ measures
- OUT: map of flooded areas (GeoTIFF) & poster (PDF)
- IN: map of flooded areas (GeoTIFF)
 OUT: risk maps
- IN: location of in-situ measures, map of flooded areas, risk maps
- IN: risk maps
 OUT: indicators

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Need for data harvesting for other platform

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Remote epidemiological

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2nd Quarterly of the SCO

