Space Climate Observatory

In a nutshell

Dr. Frédéric BRETAG, 
French Space Agency (CNES)

AIM: Studying & anticipating the impacts of climate change at local scale

SCO Values & guidelines
• Transparency
• Local capacity building
• Sharing knowledge
• Effective application

SCO in a nutshell (1): Core message

SCO Projects
• Satellite data
• In situ data
• Socio-economic data
• Models

Cross-fertilization processes

Public authorities
Scientists
Companies
Data providers
Space agencies

International charter in 2021
SCO in a nutshell (2): cooperation framework

Group of Space agencies and International Organizations

- Group of Earth Observation
- Governments
- Local authorities
- Space agencies
- Meteorological agencies
- R&D centers
- Copernicus program
- Private companies
- Computing infrastructures
- Etc.

https://www.spaceclimateobservatory.org
SCO in a nutshell (3): Instant Picture

Picture of SCO (France) in August 2020

- 15 projects (for agriculture, remote-sensing epidemiology, urban climate, coastline dynamics, mangroves, floods)
- ~60 active entities
- ~80 people involved

International Call for Projects
mid September 2020