

→ EARTH OBSERVATION FOR SUSTAINABLE DEVELOPMENT

Climate Resilience

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

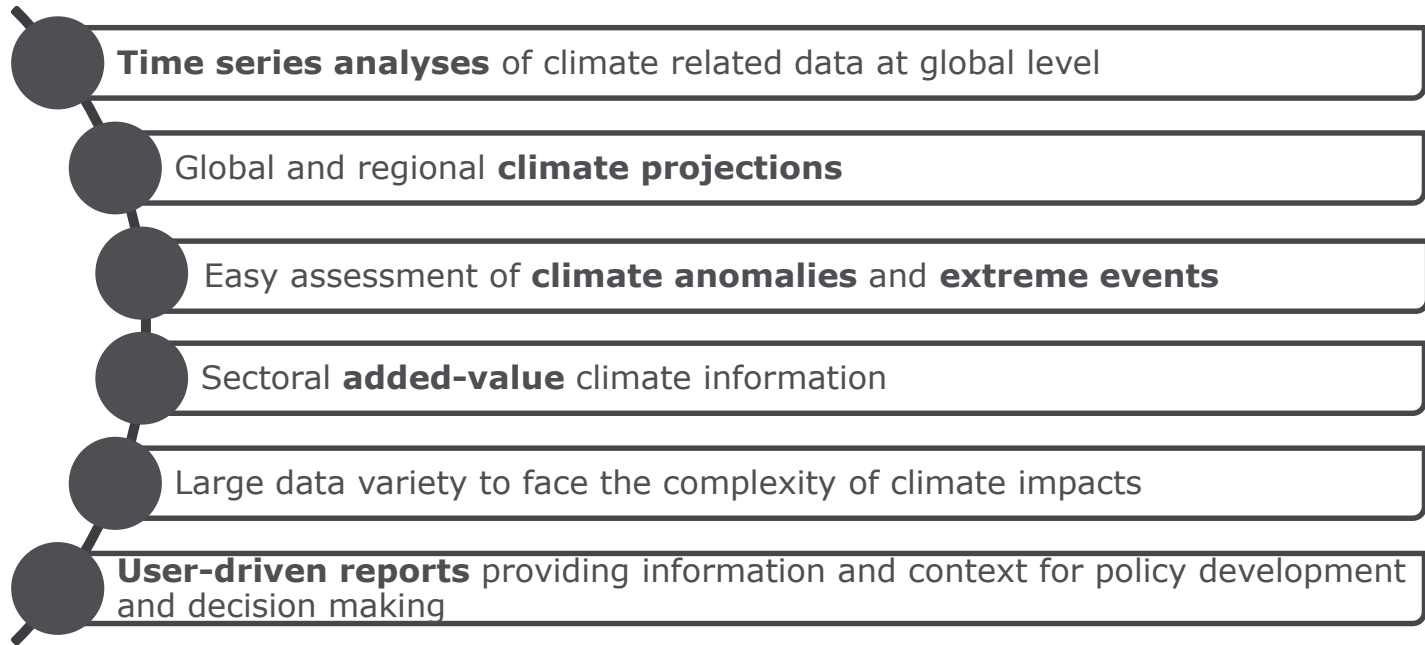
*Webinar 06: How-to' Session: Using the EO4SD
CR Platform to access EO data (hands-on)*

1) EO4SD CR Platform overview

Stefano Natali, Space Business Manager, SISTEMA GmbH

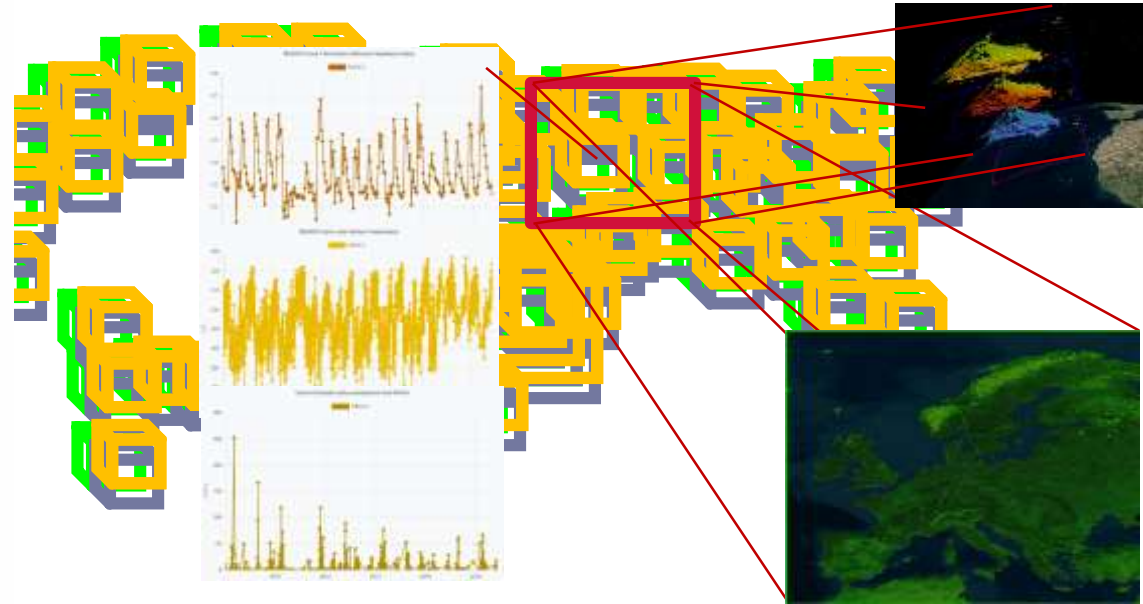


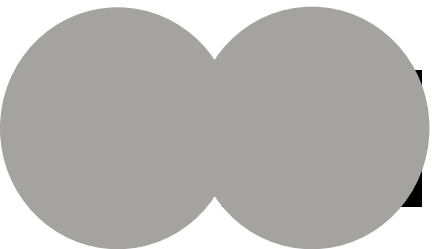
EO4SD project through its EO4SD CR platform aims at providing **climate services**, including the screening of **climate indicators** and **assessment of climate change risks**.



'Digital Earth' (Gore 1999)
multi-resolution, 3D
representation of the planet
→ **find, visualise** and
make sense of vast
amounts of geo-
referenced information.

Allows users to **navigate**
through space and
time, accessing historical
data as well as future
predictions and would
support its use by
scientists, policy-
makers and **children**
alike





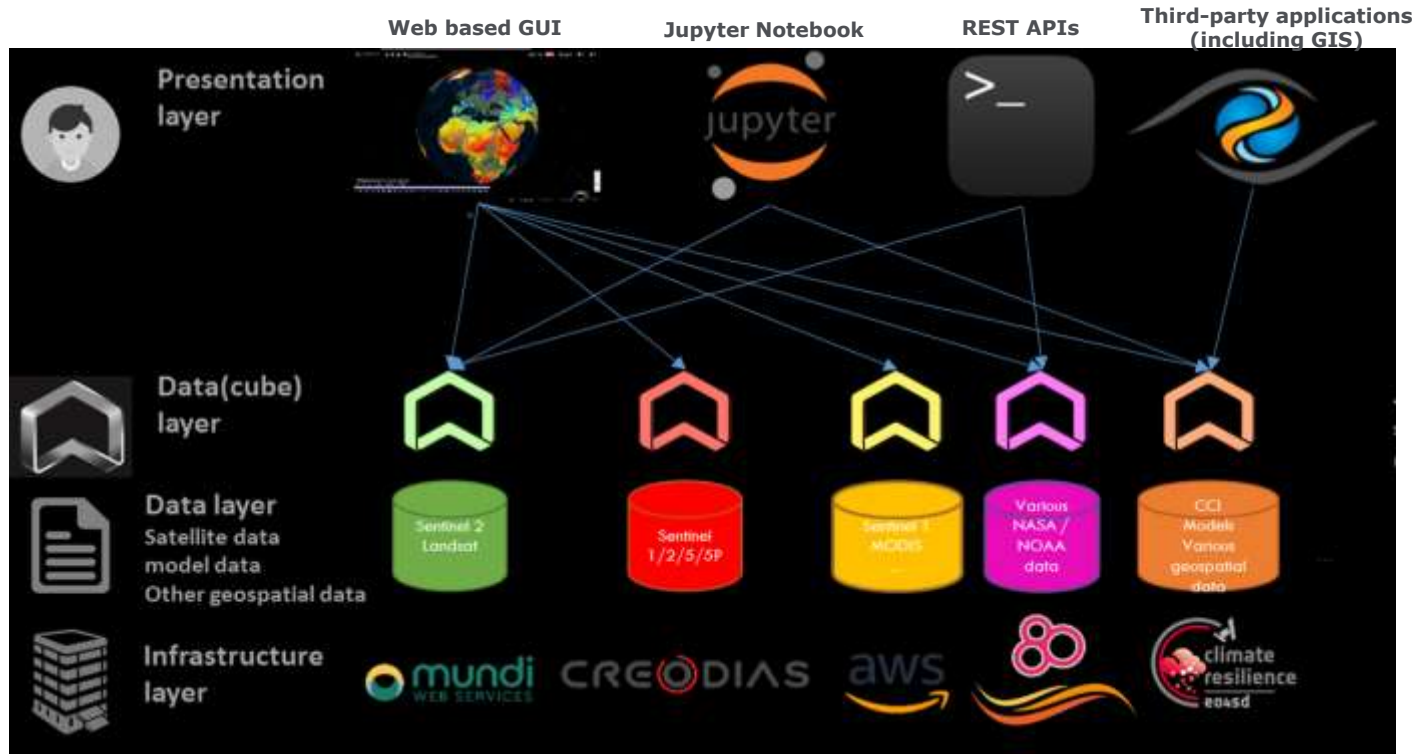
ADAM is an online, cross-domain application and software platform developed by Sistema GmbH that facilitates the access to a large volume and variety of global, Earth Observation (EO)-based, environmental data.



Given ADAM's flexibility and enormous capabilities, the **Earth Observation for Sustainable development (EO4SD) Climate Resilience cluster**, has adapted ADAM to provide **International Financing Institutions (IFI)**'s regional and global programmes with **enhanced climate risk management capabilities**.

With the help of the ADAM platform, the ESA EO4SD Climate Resilience cluster aims to provide **insights about the real potential of EO** in support of climate resilient decision-making.

E04SD CR Platform overview



Standardised data access allows connecting a wide range of user interfaces

ADAM enables OGC standardised interfaces (openSearch, WCS2.0)

Data remain at their own location (multiple data centers) with the original data format

