GEO-CRADLE brings together key players fully representing the Region of Interest (Balkans, North Africa and Middle East) and the complete EO value chain therein, with the overarching objective of establishing a multi-regional coordination network to:

i. Support the effective integration of existing EO capacities (space/air-borne/in-situ monitoring networks, modelling and data exploitation skills, and past project experience),

ii. Provide the interface for the engagement of the complete ecosystem of EO stakeholders (scientists, service/data providers, end-users, governmental organisations, and decision makers)

iii. Promote the concrete uptake of EO services and data in response to regional needs, relevant to four thematic priorities: adaptation to climate change, improved food security, access to raw materials and energy

iv. Contribute to the improved implementation of and participation in GEO, GEOSS, and Copernicus in the region.

In this context, GEO-CRADLE keeps inventorying the regional EO capacities and user needs, through targeted interviews with key actors in the region and through the dissemination of dedicated surveys. The findings of these activities in combination within a gap analysis enable the definition of region specific (GEO Maturity Indicators and common priority needs. Four feasibility studies focus on these needs, demonstrating how the regional priorities can be tackled by the GEO-CRADLE Network. In parallel, GEO-CRADLE sets up a Regional Data Hub, which abides by the GEOSS Data Sharing Principles and facilitates access to and dissemination of region-related data.

Finally, the project elaborates a roadmap for the future implementation of GEOSS and Copernicus in the region, with the ultimate aim to enable sustainable exploitation of the regional infrastructures and capacities as well as informed decision-making.

Contact Info
Project Coordinator Dr Haris Kontoes, Research Director, NOA, Athens, Greece, email: geocradle@noa.gr

Horizon 2020 Coordination and support action
Grant agreement no: 690133
Proposal acronym: GEO-CRADLE

The GEO-CRADLE project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 690133.

Coordinating and integrating state-of-the-art Earth Observation Activities in the regions of North Africa, Middle East and Balkans and Developing Links with GEO related initiatives toward GEOSS

GEO-CRADLE

Strengthening the regional exploitation of Earth Observation data and information services towards improving food security and water extremes management, access to raw materials and energy, and adaptation to climate change
GEO-CRADLE One-stop-shop

Building a Regional Data Hub that:

▪ Provides easy, centralised access to region-related EO data
▪ Facilitates the dissemination of EO data to the various regional stakeholders
▪ Abides by the GEOSS Data Sharing Principles
▪ Contributes to the implementation of GEOSS and Copernicus in the region

25 Partners, 3 Continents, 1 Team

Advocate for the importance of coordinated Earth Observation (EO) activities towards addressing regional challenges

Engage with the complete ecosystem of EO stakeholders (scientists, service/data providers, end-users, governmental organisations, and decision makers)

Deliver a concrete roadmap for the implementation of GEO, GEOSS and Copernicus in the region

Deliver regional EO services in response to regional needs in four thematic areas: adaptation to climate change, improved food security, access to raw materials and energy

Objectives

FOLLOW OUR ACTIVITIES
Twitter @geocradle  |  Facebook Geo-Cradle  |  Website geocradle.eu

Expected Impacts

▶ Better exploitation and coordination of regional EO capacities by decision-makers and end-users
▶ Improved EO data and information services through the establishment of the Regional Data Hub
▶ Increased EO business opportunities for the private sectors, especially SMEs

GEO-CRADLE brings together a highly-complementary team combining a strong background in GEO-related coordination activities with proven excellence in the field of Earth Observation:

▶ Leading research institutes and universities
▶ Highly-esteeminated international associations
▶ Service Providers with strong regional presence

Expected Impacts

25 Partners, 3 Continents, 1 Team

FOLLOW OUR ACTIVITIES
Twitter @geocradle  |  Facebook Geo-Cradle  |  Website geocradle.eu