An innovative impact-driven approach on Capacity Building for GEO flagships, thematic and regional initiatives and community activities

GEO Initiatives: GEO-CRADLE
GEO Capacity Building in North Africa, Middle East, Balkans, and the Black Sea

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Side event organised by the GEO Secretariat
GEO-CRADLE coordinates and integrates state-of-the-art EO activities in the regions of North Africa, Middle East, and Balkans (NAMEBA) and Black Sea and develops links with GEO related initiatives towards GEOSS, contributing amongst others to EuroGEOSS & AfriGEOSS.

The GEO-CRADLE contribution brings together key players representing the entire EO value chain and promotes the uptake and exploitation of innovative EO activities in NAMEBA through:

- Capacity building
- Awareness raising
- Cooperation
- Open data sharing principles
- Interoperability

http://geocradle.eu

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

GEO_CRADLE: 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 Towards GEOSS H2020-SC5-2015, GA: No 690133

2016-2019
2.910.800 EUR
http://geocradle.eu/en/

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11 countries analysed with the “maturity indicators” methodology

Capacity building
Regional cooperation
16 regional workshops
Networking Platform with >200 stakeholders from 29 countries

Regional Data Hub with >25,000,000 datasets

4 large scale regional initiatives with capacity building and delivery of innovative services in support of 11 UN SDGs
GEO Capacity Building in North Africa, Middle East, Balkans, and Black Sea

A continuation and extension of the work of the GEO CRADLE which will capitalise, sustain and scale-up its results, as well as key outcomes of other relevant EU flagship projects and initiatives (e.g. GEOGLAM, NextGEOSS, ERAPLANET, EuroGEOSS, AfriGEOSS, GEO-VENER, EO4SDG), in support of the 3 GEOSS priorities, namely CC, DRR and SDGs.

Geographic extension

Thematic extension

Operational Maturity

Black Sea

Disasters Management & Water Resources Management

Operationalisation of services to the engaged users
1. **Promote the coordination of EO activities at regional level**
2. Assess the maturity of EO activities at national level
3. Foster the progressive operationalisation of EO-based services
4. Promote the effective implementation of data sharing principles

Sustained operation of the GEO-CRADLE networking platform

Organisation of more regional workshops

Exploitation of new tools for stakeholder engagement

Interface with key initiatives
GEO-CRADLE Initiative: Activities

1. Promote the coordination of EO activities at regional level
2. Assess the maturity of EO activities at national level
3. Foster the progressive operationalisation of EO-based services
4. Promote the effective implementation of data sharing principles

Further implementation, test and improvement of the “maturity indicators” methodology in the current 11 countries

Geographic extension to new countries with the support of EuroGEOSS and AfriGEOSS

Establishment of a mechanism for periodic update
GEO-CRADLE Initiative: Activities

1. Promote the coordination of EO activities at regional level
2. Assess the maturity of EO activities at national level
3. **Foster the progressive operationalisation of EO-based services**
4. Promote the effective implementation of data sharing principles

Exploitation of the results of the 4 GEO-CRADLE pilots

Link to the 3 GEO priorities (CC, DRR and SDGs) and the national needs for achievement of SDGs

Further involvement of the private sector
1. Promote the coordination of EO activities at regional level
2. Assess the maturity of EO activities at national level
3. Foster the progressive operationalisation of EO-based services
4. Promote the effective implementation of data sharing principles

Sustained operation of the GEO-CRADLE Regional Data Hub

Further registration of key national and regional datasets to the GEOSS Platform

Synergies with other initiatives and projects
Direct engagement of users, continuous monitoring of their requirements and support to integrate the proposed and showcased pilots (from GEO-CRADLE, EuroGEOSS, NextGEOSS, etc) into their workflows and operational realities.

Active advocacy of data sharing principles with tangible results (linking several datasets to GEOSS platform).

Awareness raising during all events, workshops organised or attended, through the newsletter, the portal, and the social media.
Enhanced participation of the complete EO ecosystem in capacity building, R&D&I collaboration and awareness raising, with focus on continuous engagement of users.

Progressive increase of EO maturity in the region through the assessment of gaps and challenges, the design and implementation of tailored pilot activities and their subsequent operationalization.

Improved “dialogue” between demand and supply side by fostering co-design approaches (maintaining the GEO-CRADLE user requirements registry) and involving private sector to provide operational services.

Increased number of regional datasets linked to GEOSS Platform.

Sustained uptake of GEO/GEOSS and Copernicus in the region, and better leveraging of existing and future investments.

Matching top-down (i.e. at programme level whether this is GEO or Copernicus) with the bottom-up (i.e. national and sector-specific) perspectives. This will be further informed by the GEO-CRADLE Roadmap.

Improved uptake of EO-derived benefits (incl. from EuroGEOSS outputs) in a region with strong interest for Europe and solid foundations for cooperation (see PRIMA, EO4SD, IPA, ENI).
GEO-CRADLE Initiative: Resources
thank you!

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