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GEO-CRADLE NEWSLETTER

ISSUE #8, August 2018

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CALENDAR

! Highlights !

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During the last months [GEO-CRADLE](#) has organised some important events, including the last Regional Workshop which took place in Istanbul, Turkey's economic, cultural and historic center, and gathered diverse organisations along the data value-added service chain.

Another major event of this period was the organisation of the [3rd South-Eastern Europe GEO Workshop](#) on the uptake of [GEO](#) and [Copernicus](#), with emphasis on [Climate Change](#), [Food Security and Water Extremes](#), [Raw Materials](#) and [Solar Energy](#) with more than 100 participants in Thessaloniki.

In the meantime, [GEO-CRADLE](#) partners participated in several Workshops in the region, presenting the main outcomes of the project.

In the upcoming months you will find us at the Soil Congress Symposium in Rio de Janeiro from 12 to 17 August, at the [EUROGEOSS Workshop](#) in Geneva from 12 to 14 September, at the [INSPIRE Conference](#) in Antwerp from 18 to 31 September, and at the [GEO Week 2018](#) in Kyoto from 29 October to 2 November, where [GEO-CRADLE](#) will present its Roadmap for the improved implementation of [GEO/GEOSS](#) and the increased uptake of [Copernicus](#) in the Balkans, Middle East and North Africa.

GEO-CRADLE events

3rd South-Eastern Europe GEO Workshop, 4&5 June 2018, Thessaloniki, Greece



GEO-CRADLE organised the 3rd South-Eastern Europe GEO Workshop on the uptake of GEO and Copernicus, with emphasis on Climate Change, Food Security and Water Extremes, Raw Materials and Solar Energy.

Earth Observation (EO) data and services can support the informed implementation of numerous policies, help in addressing key societal challenges, contribute to achievement of Sustainable Development Goals and boost the EU economy's competitiveness and growth. The importance of sustained EO data and innovative EO-based services becomes even greater in a period marked by the advent of Big Data – spearheaded by Copernicus free, full and open data policy, and the emergence of new business models. In this context, GEO-CRADLE has set out to develop a Roadmap for the improved implementation of GEO/GEOSS and the increased uptake of Copernicus in the Balkans, Middle East and North Africa. In this direction, the 3rd South-Eastern Europe GEO Workshop offered a prime opportunity for key players across the EO value chain (i.e. institutions, industry, users) to share their vision on long-term actions that will help to maximise the impact of EO and leverage EU investments!

The Workshop took place in Thessaloniki on 4 and 5 June 2018, kindly hosted by partner i-BEC.

The presentations of the Workshop are available [here](#).

GEO-CRADLE Regional Workshop, in the Middle East, 15&16 March 2018, Istanbul, Turkey



The last GEO-CRADLE workshop took place in Istanbul, Turkey, on 15 and 16 of March 2018, kindly hosted by partner [TUBITAK UZAY](#), and gathered diverse organisations along the data value-added service chain. From research to market, the event introduced the Copernicus Sentinel Data Hubs whilst showcasing [GEO-CRADLE](#)'s project pilot results and user cases, highlighting the cross-sector cooperation on transversal topics such as water management, adaptation to climate change and food security.

The one-and-a-half day workshop was a great opportunity for both private and public stakeholders, for discussions on transformational issues affecting the uptake and use of geo-information services.

The roundtable discussions brought together confirmed operational users of EO services and data providers, as well as interested and potential users.

Furthermore, the event was showcased innovation incubators and Horizon2020 funding opportunities for stakeholders interested to develop geo-information services.

The presentations of the Workshop are available [here!](#)

GEO-CRADLE @

GEO-CRADLE at the Soil Congress Symposium,
12-17 August 2018, Rio de Janeiro, Brazil



AUGUST 12-17, 2018 BRAZIL

Soil science:
beyond food and fuel

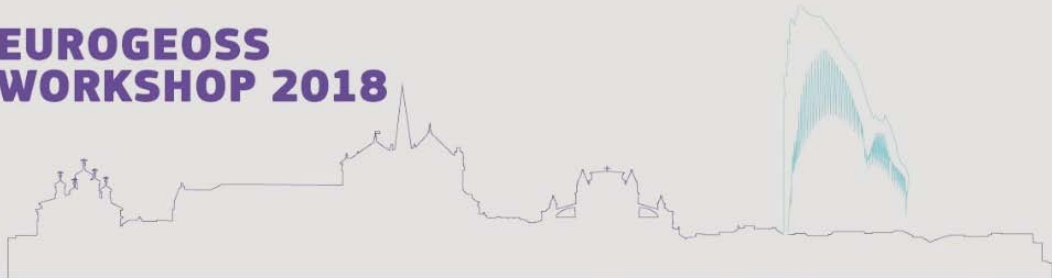
www.21wcss.org



GEO-CRADLE will participate in the [Soil Congress Symposium](#) which will take place on August 12-17 2018 in Rio de Janeiro, Brazil. Our [GEO-CRADLE](#) partner from [TAU](#), Prof Eyal Ben-Dor, is organising a session entitled "Remote Sensing Applied to Soil Science".

GEO-CRADLE at the EUROGEOSS Workshop
12-14 September 2018, Geneva, Switzerland

**EUROGEOSS
WORKSHOP 2018**



12-14 SEPTEMBER 2018, GENEVA

GEO-CRADLE will participate in the [EUROGEOSS Workshop](#) which will take place on 12-14 September 2018 at the [University of Geneva](#) and the [Museum of Ethnography](#). The event is co-organised by the [Swiss Federal Office for the Environment](#), the [European Commission](#) with the support of the [University of Geneva](#).

Registration and more information are available at:

https://ec.europa.eu/eusurvey/runner/EuroGEOSS_registration

GEO-CRADLE at the INSPIRE Conference
2018
18-21 September 2018, Antwerp, The
Netherlands



GEO-CRADLE will participate in the [INSPIRE Conference 2018](#), organized from 18 to 21 September in Antwerp, Belgium, by the European Commission, The Netherlands and Belgium.

GEO-CRADLE Project Coordinator will participate in the conference by giving an oral presentation on "Coordinating and Integrating EO Activities in North Africa, Middle East, and Balkans. Accelerating the Development of Links with GEO / GEOSS / Copernicus and INSPIRE initiatives".

More information is available [here!](#)

GEO-CRADLE at the GEO Week 2018
29 October - 2 November 2018, Kyoto, Japan



GEO-CRADLE will participate in the [GEO Week 2018](#) which will take place in Kyoto

from 29 of October to 2 of November 2018. We encourage you to join the GEO community, for [GEO Week 2018](#) and the [GEO-XV Plenary](#)!

This gathering of GEO's 105 Member governments and 126 Participating Organizations will explore efforts and opportunities for the use of Earth Observations for the benefit of humankind, focusing on GEO's three priority areas: the Sendai Framework for Disaster Risk Reduction, the Paris Climate Agreement, and the UN Sustainable Development Goals.

More information and registration will be available [here](#) soon.

OUTCOMES:

GEO-CRADLE at the 3rd joint EARSeL/NASA LULC Workshop 11-12 July 2018, Chania, Greece



GEO-CRADLE partners from [NOA](#) and [TAU](#) participated in the [3rd joint EARSeL/NASA LULC Workshop](#) "Land-Use/Cover Change Drivers, Impacts and Sustainability within the Water-Energy-Food Nexus" on 11-12 July 2018 in Chania, Greece.

GEO-CRADLE partners presented:

- A) the Soil Spectral Library which was created in the context of the [GEO-CRADLE](#) project in the region of Balkans, Middle East and North Africa, and
- B) the [SENSE](#) system: Access to solar energy applications using EO data through [GEO](#) activities and the "Photosynthetically active radiation climatology in Greece for optimal vineyard planning and exploitation".

The presentations and the posters are available [here](#)!

GEO-CRADLE at the GEO Symposium
11-12 June 2018, Geneva, Switzerland



GEO-CRADLE partners participated in the [GEO Symposium](#) which took place in Geneva, 11 and 12 of June. Over 200 people, representing diverse sectors and regions, participated in this important Group on Earth Observations (GEO) event.

The agenda and the presentations of the event are available [here](#).

GEO-CRADLE at the 3rd GEO Data
Providers Workshop, 2-4 May 2018,
Frascati, Italy



The [3rd GEO Data Providers Workshop](#) took place at the [European Space Agency](#) in Frascati, Italy, from 2-4 May 2018, bringing together data providers and users to share knowledge and best practices in the management and use of Earth

Observation data, while working together to enhance the [Global Earth Observation System of Systems \(GEOSS\)](#).

[GEO-CRADLE](#) participated in the Workshop with an oral presentation entitled “[GEO-CRADLE: Addressing regional needs through DataHub](#)”, by Kosmopoulos, P.G., NOA.

GEO-CRADLE at the Regional Workshop on
Space-based services: Balkan & Black Sea
perspectives,
18-19 April 2018, Sofia, Bulgaria



[GEO-CRADLE](#) participated in the workshop “[Space-based services for regional strategies in the digital economy: Balkan & Black Sea perspectives](#)”. The Workshop was organised by the [Bulgarian Academy of Science](#) and the [European Space Agency](#) under the auspices of the [Bulgarian Presidency of the Council of the EU](#) and in cooperation with the [European Association of Remote Sensing Companies](#).

Dr. Haris Kontoes, [GEO-CRADLE](#) Project Coordinator, presented the Balkan Sentinel Data Hub.

[Find more information about the workshop here!](#)

GEO-CRADLE at the Sixth International
Conference on Remote Sensing and
Geoinformation of Environment, 26-29 March
2018, Paphos, Cyprus



GEO-CRADLE partners participated in the [Sixth International Conference on Remote Sensing and Geoinformation of Environment](#) in Paphos, Cyprus, from 26 to 29 of March 2018. This conference brought together leading experts in the field of Remote Sensing and Geo-information.

Our partners from [Eurogeoserveys](#), [i-BEC](#), [Cyprus University of Technology](#) and [Tel Aviv University](#), participated with the following oral presentations:

A) Mamouri R-E, Ansmann A., Bühl J., Engelmann R., and Hadjimitsis D., 2018 "Closure studies in mixed-phase and ice clouds over Cyprus: Is there any agreement between ice nuclei and ice crystal number concentration?", International conference of Remote Sensing (RSCy2018), 26-29 March 2018, Pafos, Cyprus, [Abstract](#).

B) Poyiadji E., Stefouli M., Przyłucka M., Wołkiewicz S., Kowalski Z., Hadjigeorgiou C. & Woroszkiewicz M., "Introduction of Remote Sensing Methods for Monitoring the Under Restoration Amiantos Mine", Cyprus, Sixth International Conference on Remote Sensing and Geoinformation of Environment, 26-29 March, 2018, Paphos Cyprus. [Abstract](#), [Presentation](#).

C) Ogen Y., Zissimos A., Tziolas N. & Ben Dor E., "A Regional Soil Spectral Library for Better Management of Agricultural Activity and Food Security", Sixth International Conference on Remote Sensing and Geoinformation of Environment, 26-29 March, 2018, Paphos, [Presentation](#).

OUTREACH:



**! Give visibility to your data
and
to your company/organisation!**

GEO-CRADLE Networking Platform
 HOME PROFILES USER MANUAL

1. GO TO SEARCH PAGE
 2. CHOOSE YOUR FILTERS
 3. GET YOUR SEARCH RESULTS

Register to the GEO-CRADLE Networking Platform!

Geocradle

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About
 Improved Food Security & Water Extremes Management
 Trial mode
 Access to Raw Materials
 RDH beta mode

The Regional Data Hub (RDH) will soon provide access to both region-related datasets, portals and services developed by a regional network of raw data providers, intermediate users/service providers, end-users from Industry, Academic and Public Sector from the Region of Interest, and also, datasets and services directly fed from the GEOSS portal. Moreover, being the centralised gateway for regional data providers to contribute easily and timely their products to GEOSS, the Regional Data Hub is designed to become the focal node in the region in the context of GEOSS and Copernicus implementation. The RDH will facilitate access to downloadable files of Space-borne data from real-time

Contribute to the GEO-CRADLE Regional Data Hub!

GEO & COPERNICUS News:



@ESA: Lake Maggiore and Baveno, The manifesto that gave rise to Europe's Copernicus programme was signed in 1998 in Baveno, which lies on the southwest shore of Lake Maggiore in Italy. This image was captured by the Copernicus Sentinel-2 mission on 8 March 2017.



Upcoming Workshops & Conferences:

- [AmeriGEOSS Week 2018, Sao Paulo, Brazil, 6-10 August 2018](#)
- [Inspire Conference 2018, Antwerp, Belgium, 18-21 September 2018](#)
- [Copernicus Training and Information Session, Reykjavik, Iceland, 19 September 2018](#)

Outcomes of past events, press releases and the latest issue of GEO Newsletter:

- [IGARSS 2018, Valencia, Spain, 22-27 July 2018](#)
- [Global Ocean Summit, Qingdao, China, 3-5 July 2018](#)
- [Press Release 21/06/2018: Copernicus, 20 years of History!](#)
- [GEO Newsletter, May 2018](#)
- [GEO at COP23, Bonn, Germany, 6-10 & 13-17 November 2017](#)



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