

# Newsletter #2



## Past Meetings

GEOEssential at the ERA-PLANET Annual Meeting 2019 **10-11 October 2019**, Brussels, Belgium

VLAB and Workshop **26-28 February 2019**, Florence, Italy

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## Deliverables

GEOEssential releases reports and project deliverables for public use as it moves forwards

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## Upcoming Events

Workshop, **18-20 May 2020**, Athens, Greece



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## Coordinator of GEOEssential

Prof. Anthony Lehmann was proud to present to the rest of the ERA-PLANET consortium and to its project officer, Jean Dussart, the numerous progresses made in all the work packages of GEOEssential. Even though GEOEssential is a very interdisciplinary project, the partners have adopted the proposed framework and are advancing according to the work plan.

The GEOEssential consortium is particularly satisfied with the following achievements.

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**Anthony Lehmann**

## GEOEssential Welcomes Young Scientists

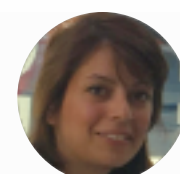
Currently work on SDG monitoring for the territory of Ukraine, goals 2.4 (sustainable food production), goals 15.3 (Life on the Earth) in particular. [READ MORE](#)



**Shumilo Leonid**

Researcher, Bachelor in Applied Mathematics, Space Research Institute under NAS and National Space Agency, Ukraine

Currently work on monitoring essential biodiversity variables and ecosystem indicators using Copernicus products, GEOSS tools and services. [READ MORE](#)



**Sanaz Salati**

Post Doctoral Researcher, Senckenberg Biodiversity and Climate Research Institute, Germany



**Dissemination Activities**  
**10th ESP - Ecosystem Services Partnership Global Conference, Biodiversity Next, Hannover, Germany, 21-25 October 2019**



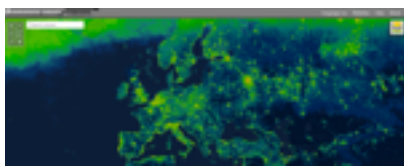
**Balkan Universities Association (BUA) 2019 Conference for UN2030 SDGs Agenda, The role of Universities, Thessaloniki, Greece, 16-18 April 2019**



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**Press Release and Media**  
New interactive map shows light pollution in a world map, a new tracking tool web application for light pollution.



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Brochure by The Natural History Museum of Berlin on the topic of Open Science, with the contribution of GEOEssential project.



**Open for Nature**  
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**Deliverables**  
Based on the Nexus approach, essential and cross-thematic variables will be evaluated and identified for EO data usability for corresponding services.

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**Publications**  
GEOEssential partners contribute to a number of scientific publications to disseminate results from research and development activities.

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SUSTAINABLE DEVELOPMENT GOALS | **SDG SHOWCASES**



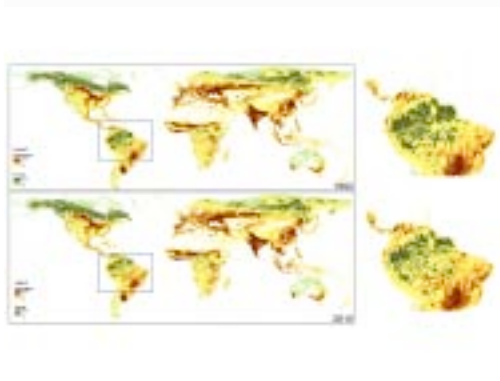
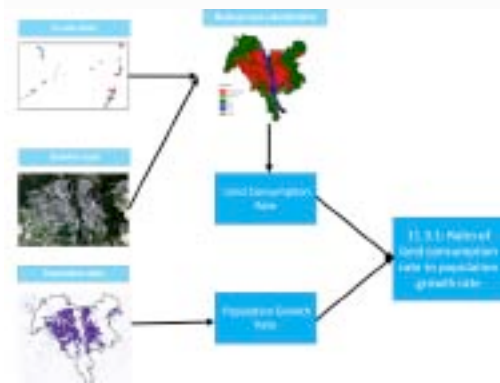
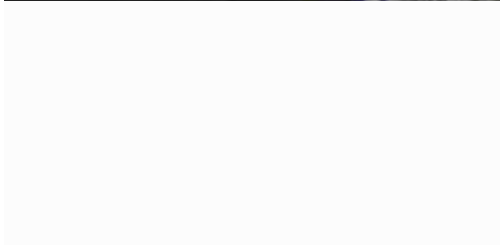
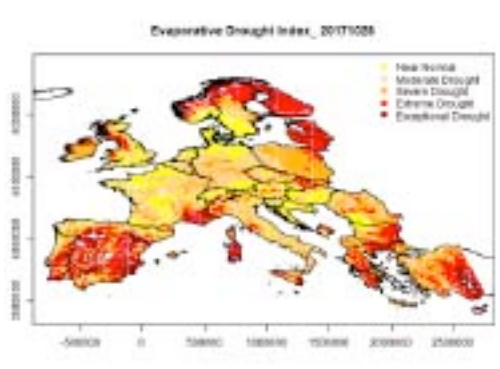
**SDG 2.4.1 : PRODUCTIVE AGRICULTURAL LAND UKRAINE, EUROPE**

By: **SRI**

**Target 2.4:** By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality.

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## SDG 6.4.2 : LEVELS OF WATER STRESS, EUROPE

By: [FZJ](#)

SDG 6.4: substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity

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## SDG 11.3.1: LAND CONSUMPTION-BUILT UP AREA, CYPRUS, EUROPE

By: [AUTH](#)

SDG 11.3: By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries

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## SDG 11.3.1: LAND CONSUMPTION, UKRAINE, EUROPE

By: [SRI](#)

SDG 11.3: By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries

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## SDG 15.1.1: FOREST AREA AS A PROPORTION OF TOTAL LAND AREA, GLOBAL

By: [SGN](#)

The analyses carried out could contribute to informing about the indicator 15: Life on land

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## SDG 15.3.1: LAND DEGRADATION, UKRAINE, EUROPE

By: [SRI](#)

By 2030, combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world.

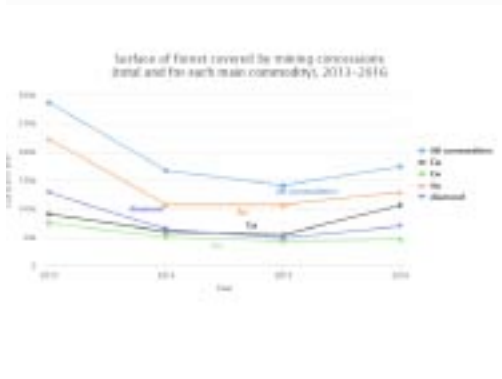
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## SDG 15.3.1: LAND DEGRADATION, SWITZERLAND, EUROPE

By: [UNICE CNR](#)

By 2030, combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world.

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## SDG 15.3.1: LAND DEGRADATION, DR CONGO, AFRICA

By: [UNIGE](#)

15.3 By 2030, combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world.

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## WEB STATISTICS JUNE 2019 - JANUARY 2020

6.6K  
Sessions

4753  
Users

15171  
Page Views

31  
Views per day

## LATEST SOCIAL MEDIA @GEO\_ESSENTIAL



### GEOEssential (@GEO\_Essential)

Starting the [@eraplanetgeo](#) annual meeting with [@GEO\\_Essential](#), [@SMURBSproject](#), [@IGOSP\\_project](#), [icupe\\_po](#) with an inspiring presentation from Stefano Nativi on the future of GEOSS [@GEOSEC2025](#).  
10 October 2019



### Group On Earth Observations (@GEOSEC2025)

The 2019 GEO Symposium will take place at a critical moment in the development of the 2020-22 GEO Work Programme. Join us in Geneva from 27-29 May to help shape GEO's direction for the next 3 years! [#EO4IMPACT19](#). [Learn more >>](#)  
20 February 2019

## GEOESSENTIAL #2 NEWSLETTER

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