



## D7.4.3 - High level capacity building seminars and events

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### Work package / Task:

WP7 Capacity Building and Dissemination

Task 7.5 – High level capacity building seminars and events

### Short Description:

This report contains, for each event organised in the second year, the announcement, the Agenda, the list of participants and the main outcomes of the event.

### Keywords:

Awareness, dissemination, communication, seminar

Dissemination Level		
PU	Public	X
RE	Restricted to other programme participants (including Commission services and project reviewers)	
CO	Confidential, only for members of the consortium (including EACEA and Commission services and project reviewers)	

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0.2	11/12/2020	Margarita Chryski (NEREUS)		Updated with NEREUS event
1.0	20/01/2021	Vesna Poslončec-Petrič (GEOF)		Added the 2 <sup>nd</sup> EO Summit
1.1	21/01/2021	Silvia Gorni (GISIG)		Ready for QA
2.0	28/01/2021	Silvia Gorni (GISIG)		Final version



## Executive Summary

The objective of this report is to describe the high-level capacity building seminars and events that took place during the project year. Unfortunately, due to COVID crisis, the scheduled events have been postponed to 2021.

However, two major online events have been organized: in June the 2<sup>nd</sup> EO Summit, an EO4GEO special dissemination event in the context of the Croatian Presidency of the Council of the European Union; in October a EO4GEO webinar, in order to update NEREUS members and other target audiences about the status of the project and the official release of the tools.

This report describes the announcements, the list of participants, the agenda and the main outcomes.

More than 700 people attended these two events, mostly from universities, regional administrations, space organisations, companies, EU institutions, research centres.

The 2<sup>nd</sup> EO Summit gave the opportunity to hear high ranked speakers from Croatia and European Union institutions delivering broader framework visions on the development of EO\*GI and educational sectors. Moreover, there was a discussion with external professionals and academics on the overall project concept on EO\*GI education, presented solutions (tools) and concept of educational offer design. The discussion also focused on Body of Knowledge (BoK) and developed project tools and how they can be used outside academic circles, by companies and institutions, as well on learning actions foreseen and prepared by the project.

The EO4GEO webinar purpose was to inform of the activities of the NEREUS Network within the project, present how members can get engaged, and benefit from these activities and give an outlook on the next steps and gave the opportunity for the participants to discuss with the developers of the tools and stimulate a debate to better understand the use of the tools in specific cases and policies.

Depending on the status of the pandemic, the proposed 2 high level capacity-building workshops for 2020, postponed for 2021, can be implemented online if the option of a physical meeting will be not available.



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## Acronyms

<b>Acronym</b>	<b>Description</b>
EU	European Union
EACEA	Education, Audiovisual and Culture Executive Agency
ICT	Information and Communication Technologies
EO/GI	Earth Observation/Geospatial Information
ESA	European Space Agency
LPS	Living Planet Symposium
BoK	Body of Knowledge
OGC	Open Geospatial Consortium
API	Application Programming Interface
DG GROW	Directorate-General or Internal Market, Industry, Entrepreneurship and SMEs
DG EMPL	Directorate-General for Employment, Social Affairs and Inclusion
DG AGRI	Directorate-General for Agriculture and Rural Development
DG CLIMA	Directorate-General for Climate Action
CNES	Centre national d'études spatiales
LRAs	Local and Regional Authorities
SSS	Sector Skills Strategy
PAs	Public administrations
SMEs	Small and medium-sized enterprises



## Glossary

**Body of Knowledge (BoK)** is the complete set of concepts and relations between them, that make up a professional domain, (in this case EO/GI BoK) and the related learning outcomes as defined by the relevant learned society or a professional association.

**Education, Audiovisual and Culture Executive Agency (EACEA)** manages funding for education, culture, audiovisual, sport, citizenship and volunteering.

**Geographic Information (GI)** is the data of a geographic location combined with non-spatial information (e.g. statistical data) and their representation as a map.

**Information and communication technologies (ICT)** are the infrastructure and components that enable modern computing.

**Small and medium-sized enterprises (SMEs)** are enterprises which employ fewer than 250 persons and which have an annual turnover not exceeding EUR 50 million, and/or an annual balance sheet total not exceeding EUR 43 million.



## 1. Introduction

### 1.1. Introduction to EO4GEO

EO4GEO is an **Erasmus+ Sector Skills Alliance** gathering **25 partners from 13 EU countries**, most of which are part of the **Copernicus Academy Network**. Be they from academia, public or private sector, they are all active in the education and training fields of the space / geospatial sector. The project is also supported by a strong group of Associated Partners mostly consisting of associations or networks active in space/geospatial domain. The project started on January 1st, 2018, upon approval by the EU Education, Audiovisual and Culture Executive Agency (EACEA) and runs over four years.

EO4GEO **aims to help bridging the skills gap in the space/geospatial sector** by creating a strong alliance of players from the sector/community reinforcing the existing ecosystem and **fostering the uptake and integration of space/geospatial data and services**. EO4GEO works in a **multi- and interdisciplinary** way and applies innovative solutions for its education and training actions including: case-based and collaborative learning scenarios; learning-while-doing in a living lab environment; on-the-job training; co-creation of knowledge, skills and competencies; etc.

EO4GEO defines a long-term and sustainable strategy to fill the gap between supply of and demand for space/geospatial education and training taking into account the current and expected technological and non-technological developments in the space/geospatial and related sectors (e.g. ICT).

The strategy is implemented by: creating and maintaining an ontology-based Body of Knowledge for the space/geospatial sector based on previous efforts; developing and integrating a dynamic collaborative platform with associated tools; designing and developing a series of curricula and a rich portfolio of training modules directly usable in the context of Copernicus and other relevant programmes and conducting a series of training actions for a selected set of scenario's in three sub-sectors - integrated applications, smart cities and climate change to test and validate the approach. Finally a long-term Action Plan will be developed and endorsed to roll-out and sustain the proposed solutions

For more information on the project please visit <http://www.eo4geo.eu/about-eo4geo/>.



## 1.2. **Objectives of the Work Package**

In order to build a **long-term and sustainable strategy** to fill the gap between the supply of and demand for space/geospatial education and training, several actions have been foreseen which imply a progressive strategy to foster the visibility of the project itself in order to engage with specific target audiences. This Work Package includes the definition of an overall approach to Communication and Dissemination, with capacity-building activities as a key element for the dissemination of the project results and community engagement.

**Community-building and consolidation** is fundamental for pursuing the longer-term objectives, i.e. the sustainability of the project outcomes after its conclusion. This particular item of the strategy will be developed in close relationship with the coordinator of WP6. The basis for such sustainability started from the beginning of the project with the awareness raising activities and will be consolidated throughout the project.

The work package aims at:

- **Raising awareness** on the uses of EO/GI data and information;
- **Attracting** new stakeholders interested in using EO / GI data;
- **Building capacity** to foster user uptake of Copernicus-based products and services in three sub sectors;
- **Consolidating** the EO4GEO community to build a sustainable long-term strategy;
- **Reach out** to the selected and profiled target groups and raise their awareness and understanding on the uses of EO/GI data and information;
- **Foster the dialogue** between the training/education and the space/geospatial sector and help to build a community;
- **Build a strong EO4GEO brand** which will contribute to the overall Copernicus brand identity and strengthen the recognition of the long-term Action Plan;
- **Identify and establish potential collaboration mechanisms** between the education/training and the space/geospatial industry.

The overall perspective is to **promote the EO4GEO strategy for skills development in different contexts**, towards the target groups addressed by the project dissemination. This will be done by





paying attention to the specific skills and knowledge needed for the implementation of the Space Strategy for Europe.

This is a **horizontally supporting work package** that is planned along the whole project duration.

It is crucial as it ensures that the specific objectives and deliverables of the project have an effective outreach during the project life-time. It requires that the consortium partners provide input for profiling the target groups and contribute to the dissemination activities in order to maximise outreach.

### **1.3. Objectives of the Task 7.5**

This task deals with the organisation of High level Capacity Building seminars, focused to specific sectors and in relation with the best-tuned exploitation of the different learning contents produced.

Moreover, other EO4GEO seminars/workshops are organised besides well-known sectorial events in the technical sector of the project at European and National level, with the aim to raise awareness and disseminate project objectives and preliminary results to a wide target audience. In addition, many of NEREUS Members are part of the Copernicus Academy and the Network works closely with the Copernicus Support Office.

It is already planned to propose workshops within the major sectorial events such as the INSPIRE Conference, the GIForum conference yearly organised in Salzburg.

Other awareness and dissemination events could be organised upon initiative of the partners every time there will be the opportunity to promote EO4GEO in a wider context.

### **1.4. Purpose and structure of this document**

The purpose of the deliverable D7.4.3 is to describe, for each event organised in 2020, the announcement, the agenda, the list of participants and the main outcomes of the event.

The annual deliverable is organised in two sections: the first one (chapter 2) includes the results achieved for the reported year; while the second part (chapter 3) includes the description of the planned High Level Capacity Building seminars, with focus on those planned in 2021.



## **2. EO4GEO events in 2020**

The third year of the project have been characterised by the impacting COVID crisis. The planned high-level seminars have been postponed to 2021, but in any case, 2 major events have been organized: the 2<sup>nd</sup> EO Summit, to promote Copernicus program, present EO4GEO activities and achieved results, as well as to interact with various groups of stakeholders and an EO4GEO webinar, aiming to update its members and other target audiences about the status of the project and the official release of the tools.

In the following sections of this chapter are presented the announcements, the list of participants, the agenda and the main outcomes of these events.

### **2.1. 2<sup>nd</sup> Earth Observation Summit supported by Copernicus Eyes on Earth Roadshow**

**Date:** 2-3 June 2020, online (Zagreb, Croatia).

**Title:** An EO4GEO special dissemination event in the context of the Croatian Presidency of the Council of the European Union

#### **Objectives**

Following the success of the 1<sup>st</sup> Earth Observation Summit (EO Summit) held in Leuven, Belgium in 2019, and recognizing further necessity to promote Copernicus program, present EO4GEO activities and achieved results, as well as to interact with various groups of stakeholders, foreseen project event planned to be held in Zagreb, Croatia, was proposed to be expanded and organized as 2<sup>nd</sup> EO Summit.

Under the umbrella of the Croatian Presidency of the Council of the European Union (January – June 2020), event has been included in the Croatian Presidency program as an official event of the Presidency. The 2<sup>nd</sup> EO Summit was organized by the University of Zagreb Faculty of Geodesy (GEOF). The event was co-organized by EO4GEO, Ministry of Science and Education of Republic of Croatia. With the support of the DG DEFIS the 2<sup>nd</sup> EO Summit was combined as a joint event with the Eyes on Earth Roadshow. The co-organizers of the joint event were Copernicus Eyes on Earth Roadshow Consortium (Dutch lead consortium of companies) and supported by EU GNSS Agency (GSA) and EU Research Executive Agency (REA).

The program of the 2<sup>nd</sup> EO-Summit was closely related to the aims of the EO4GEO project. For two days, the EO4GEO partners had the opportunity in joint session to hear high ranked speakers from Croatia and European Union institutions delivering broader framework visions on the development of EO\*GI and educational sectors. Further EO4GEO partners presented developed project tools



(Body of Knowledge, Curriculum Design Tool, Occupational Profile Tool and Job Offer Tool) and activities related to the identification of business processes and design of EO\*GI educational offer and training, respectively. Day one saw a discussion with external professionals and academics on the overall project concept on EO\*GI education, presented solutions (tools) and concept of educational offer design. Day two discussion was focused on Body of Knowledge and developed project tools and how they can be used outside academic circle, by companies and institutions, as well about learning actions foreseen and prepared by the project.

## List of participants

The table in Annex 1 contains the names of participants who registered for and participated in the event. The attendance of the participants has been electronically registered using software for online events by the Copernicus Eyes on Earth roadshow organizing consortia and provided to EO Summit organizers (GEOF and GISIG). The event took partly jointly and then in parallel with the Eyes on Earth roadshow with 781 participants. The participants realized 2.640 entries to the sessions in both days of events. Metrics of the entries to the sessions at the end of 3<sup>rd</sup> June 2020 are given in the following table.

Time	Session	Total views on day
<b>Tuesday 2<sup>nd</sup> June</b>		
10:00 – 11:00	Joint plenary session	276
11:30 – 12:30	EO Summit S1 – Round Table Discussion	147
11:30 – 13:00	EoE Session I – Introduction to the Copernicus Programme	214
Lunch break		
13:30 – 15:00	EO Summit S2A – European GNSS Agency (GSA) session	124
14:00 – 15:30	EO Summit S2B – Real-world problems and work processes as starting point for case-based learning scenarios	143
13:30 – 15:30	EoE Session II – Marine Spatial Planning (MSP)	206
15:30 – 16:10	EOE Session III-A – Copernicus Services in depth CEMS	84
15:30 – 16:30	EOE Session III- B – EoE Round Table Discussion - Skills and strategy for space sector entrepreneurs	90
15:30 – 17:00	EO Summit S3 – How to design curricula based on the work processes modelled	151
Note:	<b>1636 Visits to website during the day with 705 unique visitors to the site</b>	
<b>Wednesday 3<sup>rd</sup> June</b>		
10:00 – 11:00	Session IV-A – Planet – providing insights at the speed of change	171
10:00 – 11:00	Session IV-B - Heat islands and Air Quality	229



10:00 – 11:30	EO Summit S4 – The Body of Knowledge	158
11:30 – 13:00	EO Summit S5A – REA - Space Research Unit session	87
11:30 – 13:00	EO Summit S5B – How could companies make use of BoK and tools	144
Lunch break		
13:10 – 14:30	Session VI-E – Copernicus Services in depth - OIKON Case Studies - ENGLISH VERSION	144
13:30 – 14:30	Session VI-C – Copernicus Services in depth - OIKON Case Studies - CROATIAN VERSION	94
14:00 – 15:00	EO Summit S6 – Scenario for Learning Actions	128
14:40 – 15:10	Session VII-A – Support Session for getting EO knowledge and Business support	86
14:40 – 16:30	Session VII-B - Information on Other support programmes	109
15:00 – 16:00	EO Summit S7 – Conclusions	114
Note:	<b>Over BOTH days there were 2640 Visits to website during the day with 899 unique visitors to the site</b>	

Out of 781 participants of both events, 631 have joined at least one of the EO Summit sessions. The average EO Summit session participation in the 2 days/8 sessions of the 2<sup>nd</sup> Earth Observation Summit (without special sessions with GSA and REA) was 158 people. Persons who participated in at least one EO Summit session are listed in Annex I.

## Agenda

<b>ONLINE COPERNICUS ‘EYES ON EARTH’ ROADSHOW &amp; 2ND EARTH OBSERVATION SUMMIT</b>	
<b>Day 1, 2<sup>nd</sup> June</b>	
10:00 – 11:00	Introduction and welcome to the Earth Observation Summit and Copernicus 'Eyes on Earth' Roadshow online event <ul style="list-style-type: none"> <li>▪ Miss Blaženka Divjak, Minister, Ministry of Science and Education, Croatia</li> <li>▪ Mr Timo Pesonen, Director-General, DG Defence Industry and Space (DEFIS)</li> <li>▪ Mr Pascal Claude', acting GSA Executive Director</li> <li>▪ Mr Martijn Seijger, dotSPACE foundation, Eyes on Earth Consortium lead</li> <li>▪ Mrs Milva Carbonaro, GISIG, E04GEO Project Coordinator</li> </ul>
<b>The Copernicus 'Eyes on Earth' Roadshow</b>	<b>The 2nd Earth Observation Summit</b>
11:30 – 13:00 <b><i>EoE Session I - Introduction to the Copernicus Programme</i></b>	11:30 – 13:30



<p>Introduction to Copernicus and Services [illustrated by COVID19 examples]</p> <ul style="list-style-type: none"> <li>Mr Stijn Vermoote, User Engagement Manager Copernicus Services, ECMWF</li> </ul> <p>Satellite Do's and Don'ts [illustrated by COVID19 examples]</p> <ul style="list-style-type: none"> <li>Mr Federico Fierli, User Support and Climate Service Division, EUMETSAT</li> </ul>	<p><b>EOS Session 1 - Round Table Earth Observation Sector Education and Application for Future Jobs and Prospering Business</b></p> <p>Panellists:</p> <ul style="list-style-type: none"> <li>Mr Tome Antičić, State Secretary, Ministry of Science and Education, Croatia</li> <li>Mrs Maria Vittoria D'Inzeo, Policy officer, DG for Defence Industry and Space (DEFIS)</li> <li>Prof. Ivan Kušan. OIKON Ltd. Croatian Association of Employers - ICT Sectoral Association</li> <li>Mr Geof Sawyer, Secretary General, European Association of Remote Sensing Companies - EARSC</li> <li>Mr Danny Vandenbroucke, Catholic University of Leuven SADL, E04GEO Project</li> </ul>
<p>13:00 – 13:30 Break</p>	
<p>13:30 – 15:00</p> <p><b>EoE Session II - Maritime Spatial Planning (MSP)</b></p> <p>Introduction to MSP</p> <ul style="list-style-type: none"> <li>Professor Igor Mayer, Lecturer of Applied Games, Innovation and Society at NHTV Breda University of Applied Sciences</li> </ul> <p>Simulation game MSP</p> <ul style="list-style-type: none"> <li>Doctor Harald Warmelink, Senior Research Project Leader at NHTV Breda University of Applied Sciences</li> </ul> <p>Copernicus Marine data for Maritime Spatial Planning</p> <ul style="list-style-type: none"> <li>Mrs Marta Bertran, Mercator Ocean</li> </ul>	<p>13:30 – 15:00</p> <p><b>EOS Session 2a - European GNSS Agency Workshop</b></p> <p>Toward a more competitive EU Space Downstream - the GSA contribution</p> <ul style="list-style-type: none"> <li>Fiammetta Diani, Head of Market Development Department</li> </ul> <p>EO/EGNSS synergies: A practical approach</p> <ul style="list-style-type: none"> <li>Eduard Escalona Zorita, Market Development Innovation</li> </ul> <p>Research and Innovation initiatives boosting EGNSS market uptake</p> <ul style="list-style-type: none"> <li>Marta Krywanis-Brzostowska, Head of Downstream Research &amp; Development Section</li> </ul> <p>Future Perspectives – New EU Space Programme opportunities</p> <ul style="list-style-type: none"> <li>Adriana Rard, Inter-institutional relations</li> </ul> <p>14:00 – 15:30</p> <p><b>EOS Session 2b - Real-world problems and work processes as starting point for case-based learning scenarios</b></p> <p>Designing GI and EO curricula in support of Copernicus – introduction and methodology</p> <ul style="list-style-type: none"> <li>Prof. Barbara Hofer, University of Salzburg, Department of Geoinformatics Z_GIS</li> </ul> <p>Business processes and occupational profiles</p> <ul style="list-style-type: none"> <li>Mrs Maria Iona Vlad Sandru, Romanian Space Agency</li> </ul>



	<p>The sequence of business process analysis, curriculum design and training material development</p> <ul style="list-style-type: none"> <li>▪ Mss Eva Missoni-Steinbacher, University of Salzburg</li> </ul> <p>How to get from BPMN to occupational profiles and skills – the landslide documentation example</p> <ul style="list-style-type: none"> <li>▪ Mr Florian Albrecht, University of Salzburg</li> </ul> <p>Discussion</p>
<p>15:30 – 16:30</p> <p><b>EoE Session III-A - Copernicus Services in depth CEMS - The role of Earth observation in emergency situations.</b></p> <ul style="list-style-type: none"> <li>▪ Mr Igor Magdalenić, founder and president of the Croatian Crisis Management Association, Copernicus Academy member – Emergency Management and Copernicus Expert in charge of EMS Satellite Imagery Products Development for 3D EMS.</li> </ul> <p>15:30 – 16:30</p> <p><b>SESSION III-B - Round table Discussion, Skills and strategy for space sector entrepreneurs</b></p> <p>Panellists:</p> <ul style="list-style-type: none"> <li>▪ Mrs Marleen Bax, Erasmus Centre for Entrepreneurship</li> <li>▪ Mr Andrei Bocin-Dumitriu, BrainMill</li> <li>▪ Mr Joris Jeelof – Chief Commercial Officer at RoadEO</li> <li>▪ Mr Kartik Kumar - Co-founder at satsearch.co</li> <li>▪ Mr Maneesh Kumar Verma – Team Leader at Lunar Zebro, Lead Robotics at Stellar Space Industries, Regional Manager at Hyperion Technologies BY.</li> </ul>	<p>15:30 – 17:00</p> <p><b>EOS Session 3 - How to design curricula based on the work processes modelled. Curriculum Development in different steps for academic and vocational training</b></p> <p>Design of EO and related curricula</p> <ul style="list-style-type: none"> <li>▪ Prof, Zeljko Bačić, University of Zagreb, Faculty of Geodesy</li> </ul> <p>Curriculum design – academic curriculum example</p> <ul style="list-style-type: none"> <li>▪ Ass. Prof, Andrija Krtalić, University of Zagreb, Faculty of Geodesy</li> </ul> <p>Curriculum design – VET educational offer</p> <ul style="list-style-type: none"> <li>▪ Mr Marijan Grgić, PhD, University of Zagreb, Faculty of Geodesy</li> </ul> <p>Courses and modules as modular building bricks for curriculum design</p> <ul style="list-style-type: none"> <li>▪ Mrs Ana Kuveždić Divjak, PhD, University of Zagreb, Faculty of Geodesy</li> </ul> <p>Discussion</p>

## ONLINE COPERNICUS 'EYES ON EARTH' ROADSHOW & 2ND EARTH OBSERVATION SUMMIT

**Day 2, 3<sup>rd</sup> June**

The Copernicus 'Eyes on Earth' Roadshow	The 2nd Earth Observation Summit
<p>10:00 – 11:00</p> <p><b>EoE Session IV-A – Industry inspiration session - Planet - providing insights at the speed of change</b></p> <ul style="list-style-type: none"> <li>▪ Mr Luis Peraza</li> <li>▪ Doctor Rene Griesbach</li> </ul>	<p>10:00 – 11:30</p> <p><b>EOS Session 4 - The Body of Knowledge as the basis for curriculum design and other activities. What will you find in the BoK for GI*EO (examples and demonstration with real cases)</b></p> <p>EO*GI Bok, its concept and role in curriculum design</p>



<p>10:00 – 11:00</p> <p><b>SESSION IV-B – Heat islands and Air Quality</b></p> <ul style="list-style-type: none"> <li>▪ Doctor Alexander Los, Institute for Housing and Urban Development Studies</li> <li>▪ Stijn Vermoote, User Engagement Manager, Copernicus Services, ECMWF</li> </ul>	<ul style="list-style-type: none"> <li>▪ Mr Danny Vandenbroucke, Catholic University of Leuven, Spatial Applications Division Leuven</li> </ul> <p>EO*GI Bok content, where does it lead us</p> <ul style="list-style-type: none"> <li>▪ Marc Olijslagers is research associate, GI and ICT expert at the Spatial Applications Division of KU Leuven (SADL)</li> </ul> <p>Zoom in on cases - demonstration</p> <ul style="list-style-type: none"> <li>▪ Prof. Rob Lemmens, University of Twente, Faculty of Geo-Information Science and Earth Observation (ITC)</li> </ul> <p>Discussion</p>
<p>11:00 – 12:30</p> <p><b>EoE Session V – NO2 Air Pollution Monitoring</b></p> <ul style="list-style-type: none"> <li>▪ Mr Miguel Castro Gémez, Remote Sensing Specialist, Copernicus Research and User Support for Sentinel core products</li> </ul>	<p>11:30 - 13:00</p> <p><b>EOS Session Va - REA – Space Research Unit</b></p> <p>Experiences with the Implementation of the Space programme in Horizon 2020 and lessons for the future applicants in Horizon Europe</p> <ul style="list-style-type: none"> <li>▪ Mr. Marko Curavić, Research Executive Agency, Head of Unit Space Research</li> </ul> <p>Moderator &amp; Rapporteur</p> <ul style="list-style-type: none"> <li>▪ Mrs Vesna Poslončec-Petrić</li> <li>▪ Mrs Ana Kuveždić Divjak</li> </ul> <p>11:30 - 13:00</p> <p><b>EOS Session 5b - How could companies make use of BoK and tools: Occupational Profile Tool and Job Offer Tool (demonstration of a real case)</b></p> <p>Seeking for new skills and knowledge in EO*GI business sector</p> <ul style="list-style-type: none"> <li>▪ Mrs Monica Miguel-Lago, Executive Secretary, EARSC</li> </ul> <p>Use of EO*GI BoK and tools for companies and public sector</p> <ul style="list-style-type: none"> <li>▪ Prof. Sven Casteleyn, University Jaume   Castello, GEOTEC Department</li> </ul> <p>Demonstration of a real case</p> <ul style="list-style-type: none"> <li>▪ Mr Giacomo Martirano, Epsilon-Italia srl.</li> </ul> <p>Discussion</p>
<p>12:30 – 13:10 Break</p>	<p>13:00 – 14:00 Break</p>
<p>13:10 – 14:30</p> <p><b>EoE Session VI - Copernicus Services in depth</b></p>	<p>14:00 – 15:00</p> <p><b>EOS Session 6 - Scenarios for learning actions: what is planned</b></p>



<p>Assistant Minister, Ministry of Environmental Protection and Energy, Mr. Aljoša Duplić.</p> <p><b>EoE Parallel sessions VI-E and VI-C in English and Croatian</b></p> <p>OIKON Ltd. case studies - three cases presentation:</p> <ul style="list-style-type: none"> <li>▪ Earth observation in agriculture: the journey from an image in space to a tree in your orchard;</li> <li>▪ Earth observation in nature conservation: modern conservation techniques using remote sensing for example in urban green analysis;</li> <li>▪ Earth observation for Forest Ecosystem Monitoring: help people connect the idea of Forest Ecology and Ecosystems with Earth Observation.</li> </ul>	<p>The CapHub.AC innovation pipeline and the GEOBIA virtual summer school</p> <ul style="list-style-type: none"> <li>▪ Mr Stefan Lang, University of Salzburg</li> </ul> <p>Objectives and design of the GEOBIA summer school</p> <ul style="list-style-type: none"> <li>▪ Mss Barbara Riedler, University of Salzburg</li> </ul> <p>Designing learning scenarios and planning related training actions</p> <ul style="list-style-type: none"> <li>▪ Mr Peter Zeil, Veronika Krieger, Spatial Services Ltd</li> </ul> <p>Discussion</p>
<p>14:40 – 15:45</p> <p><b>EoE Session VII-A – Support Session for getting EO knowledge and Business support</b></p> <p>Online Copernicus Inspiration Toolkit - presentation and Q&amp;A</p> <ul style="list-style-type: none"> <li>▪ Mr Nicolas Helssen, Verhaert</li> </ul> <p>14:40 – 16:40</p> <p><b>EoE Session VII-B – Information on Other support programmes</b></p> <p>ESA space solutions</p> <ul style="list-style-type: none"> <li>▪ Ms Joana Kamenova, Outreach and Business Analyst at the Innovation and Ventures Office at European Space Agency's Space Solutions programme</li> </ul> <p>ESA BIC and Copernicus Masters</p> <ul style="list-style-type: none"> <li>▪ Mr Jeremiah Hranjec, Project Manager and Innovation Consultant at the European Space Agency Business Incubation Centre for Austria</li> </ul> <p>Regional Copernicus Winner</p> <p>Mr Armin Schopf, Co-Founder and CEO of the startup Audili</p>	<p>15:00 - 16:00</p> <p><b>EOS Session 7 - Conclusions and next steps; how can you get involved?</b></p> <p>EO4GEO Next steps</p> <ul style="list-style-type: none"> <li>▪ Mr Danny Vandenbroucke, Catholic University of Leuven, Spatial Applications Division Leuven</li> </ul> <p>How can you get involved?</p> <ul style="list-style-type: none"> <li>▪ Mrs Milva Carbonaro, GISIG, EQ4GEO Project Coordinator</li> </ul> <p>Closing</p> <ul style="list-style-type: none"> <li>▪ Prof. Željko Bačić, University of Zagreb, Faculty of Geodesy</li> </ul>

## Promotion & publications:

Nine announcements and reports have been published in Croatian newspapers and on radio and TV stations. The event has also been announced on multiple web pages of governmental and academic institutions, professional associations and companies in Croatia and Europe wide.





Issue of Copernicus Observer e-newsletter, dated June 18<sup>th</sup> 2020, has been devoted to joint 2<sup>nd</sup> EO Summit and Eyes on Earth Roadshow event: [OBSERVER: Inspiring and empowering the next generation of space data professionals | Copernicus](#)

On the EO4GEO website are posted videos of the sessions and ppt presentations:  
<http://www.eo4geo.eu/online-2nd-earth-observation-summit/>.

## Summit outcomes

Day 1	Joint EO Summit & Eyes on Earth Roadshow & Round table sessions
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### Joint EO Summit & Eyes on Earth Roadshow opening session

In this session high ranked officials of the Government of Republic of Croatia and European Commission bodies and agencies, as well EO4GEO project and Eyes on Earth Roadshow consortium

- Mrs Blaženka Divjak, Minister, Ministry of Science and Education, Croatia
- Mr Timo Pesonen, Director-General, DG Defence Industry and Space (DEFIS)
- Mr Pascal Claudel, acting GSA Executive Director
- Mr Martijn Seijger, dotSPACE foundation, Eyes on Earth Consortium lead
- Mrs Milva Carbonaro, GISIG, E04GEO Project Coordinator

delivered welcome addresses and introductory speeches. The Croatian Minister for Education and Science, Blaženka Divjak, and DG DEFIS Director-General, Timo Pesonen, set the scene for the two-day programme by highlighting the importance of earth observation for Europe in general, and Croatia in particular.

***“Transition to new digital and green economy requires investments in people. The European Commission, together with member states and in cooperation with industry, research organisations and academia, needs to identify future skills shortages and gaps, and to consider possible solutions and targeted initiatives.”***, remarked Minister Divjak, after highlighting the 30-year long Croatian track record of earth observation activities. *“This conference is designed to present and discuss the presence and perspectives of Earth Observation education, application for future jobs and sustainable economic growth. It will also focus on future occupational profiles, curricula and tools in the Earth Observation domain. Our goal, as the Ministry responsible for Education, Science and Space, is to foster skills development in emerging areas, including digital skills and data analytics, in particular in view of the growing volume of Earth Observation and other space data.”*

In addition to the focus on skills development, Minister Divjak emphasised brain circulation as another top priority of the Croatian Presidency: *“Free movement of researchers and innovators – brain circulation – connects ideas of excellence with international mobility and the realisation of researchers’ full potential, contributing to the European competitiveness in the global sphere. But excellence is everywhere, and at the same time, opportunities are not.”* To address this important issue, the Croatian Presidency is finalising its Zagreb Call for Action on Brain Circulation 2020 document.



For Timo Pesonen, the contribution of the Copernicus programme to coronavirus crisis operations was a proof of its added value to a green, digital and resilient Europe: *“Copernicus has helped us monitor traffic congestion at the EU internal border in the first days of the crisis – you remember there were tens of kilometres of queues between several EU member states, while trucks were carrying critical medical equipment and routes remained blocked at the borders. We have also, together with the GNSS Agency, developed the Galileo for Green Lane App to monitor the free movement of freight on green lanes in order to reduce waiting times at internal land borders and facilitate the movement of essential goods. Copernicus was used to map temporary hospital facilities in some member states and is now beginning to monitor the assessment of economic impact of the crisis. (...) Space observation has assisted scientists in analysing the environmental impact of the crisis, revealing possible links between air quality and virus spread”.*

*“Space data access, through the existing delegating platforms, is a leading example of such integration and offers a glimpse of the digital transformation at European level, increasing the use of space services and data use in downstream applications in many domains.”*, continued Director-General Pesonen, after mentioning the €14.87 billion set aside for the EU Space Programme in the revised proposal of the Commission for the EU Multiannual Financial Framework (2021-2027), plus all the upcoming opportunities on space research, Horizon Europe, and the Invest EU programme. *“For this we need to prepare the future generation of professionals in a large use of Copernicus data and services. (...). As Madam Minister Divjak said, **space creates jobs and growth. What is key is to raise awareness about those benefits, and to train the new generation to unleash the full potential of European space ecosystem.**”*

Echoing the words of Minister Divjak and Director-General Pesonen on the contribution of space data to a greener society, Acting Executive Director of the European Global Navigation Satellite Systems Agency, Pascal Claudel, also mentioned the **crucial and direct role of Earth Observation in achieving the objectives and milestones of the EU Green Deal**; and how that can be turned into concrete actions through the promotion of space data opportunities to businesses and research entities across Europe.

Finally, Milva Carbonaro, EO4GEO Project coordinator, and Martin Seijger, Eyes on Earth Consortium lead presented the events, where Milva Carbonaro emphasised the necessity to **bridge the skill gap between the supply and demand** of education and training in the space/geospatial sectors, fostering the uptake and integration of space/geospatial data and services in a broad range of application domains and the role of the EO4GEO project in achieving this and goals highlighted by previous speakers.

## **Round Table Earth Observation Sector Education and Application for Future Jobs and Prospering Business**

The introductory session was followed by a Round Table “Earth Observation Sector Education and Application for Future Jobs and Prospering Business” in which representatives of the EU and Croatian institutions, economic and professional associations and the EO4GEO project participated as panelists:

- Mr Tome Antičić, State Secretary, Ministry of Science and Education, Croatia



- Mrs Maria Vitttoria D'Inzeo, Policy officer, DG for Defence Industry and Space (DEFIS)
- Mr. Ivan Kušan. OIKON Ltd., Croatian Association of Employers - ICT Sectoral Association
- Mr Geof Sawyer, Secretary General, European Association of Remote Sensing Companies – EARSC
- Mr Danny Vandenbroucke, Catholic University of Leuven SADL, E04GEO Project.

The moderator of the Round Table was Mr. Remco Timmermans from The Netherlands.

The panel discussed the strength, weaknesses, opportunities and threats faced by the Copernicus programme and the EO/GI industry and the jobs of the future brought by the development of this industry and the role of education in ensuring adequate personnel for the economy and public administration. The questions for panellist and discussion which followed were focused on two main topics:

- what is the perspective (opportunities and threats) of European EO/GI sector and how will EO/GI sector influence educational system respectively labour market and creation of future jobs?
- where do you see strengths but also weaknesses of European EO/GI eco-system in governance-business-education triangle. What should be undertaken to ensure leading role of European EO/GI business sector globally?

After the moderator's introductory questions in open discussion the panellist answered a number of questions asked by the Round Table participants.

## Summary

The results of the Round Table and discussion which followed can be summarized in several points:

- all three stakeholder groups (public administration, economy and academia) expect further growth of the EO/GI sector in the coming period,
- EU programmes Copernicus and Galileo are drivers of this development,
- the main threat from the perspective of representatives of the economy is the lack of well-educated professionals of all levels of education,
- modernisation of the education system needs to be accelerated and more focused on acquiring the skills that public administration and the economy need and
- all panellists find activities aimed at reducing the gap between the opportunities offered by EO\*GI technologies and the ability to implement them in society, such as the EO4GEO project, a valuable contribution to the future development of the European EO\*GI sector, which should ensure the further leading role of the European EO\*GI sector in the world.

Day 1	Designing GI and EO curricula in support of Copernicus
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### **EOS Session 2b - Real-world problems and work processes as starting point for case-based learning scenarios**

In the first thematic session the EO4GEO philosophy for designing new EO\*GI curricula has been presented. The introduction and methodology for design of EO\*GI curricula in support of Copernicus



(Barbara Hofer) as well as identified business processes and occupational profiles for curriculum design (Maria Ioana Vlad Sandru) have been presented. Based on those inputs business processes have been analyzed and concept for curriculum design and training material defined (Eva Missoni-Steinbacher). Finally, an example has been presented on how to get from BPMN to occupational profiles and skills by Florian Albrecht.

### **EOS Session 3 - How to design curricula based on the work processes modelled. Curriculum Development in different steps for academic and vocational training**

In this session activities on EO\*GI curriculum design have been presented aiming to create EO4GEO educational offer in EO\*GI. Introduction about and collaborative activities in the design of curriculum has been given by Željko Bačić. Two presentations followed delivering examples how academic and VET educational offer can be designed using EO\*GI BoK and Curriculum Design Tool by Marijan Grgić and Ana Kuveždić Divjak. In the last presentation delivered by Andrija Krtalić, issues in curriculum design have been highlighted and solution implemented in EO4GEO project based on the concept of modularity where courses and modules are used as building bricks for curriculum design.

#### **Summary**

The whole process of curriculum design based on identified business processes related to the EO\*GI organized in possible occupational profiles and based on them modularly designed curricula has been presented to the participants and demonstrated in multiple examples. Through the presenter-participant interaction valuable comments and ideas have been received which have been used in finalization of EO4GEO curriculum design. In the discussions following both sessions and comments received from participants we saw that the approach in academic and VET curricula development based on demand has been appreciated by the stakeholders. Also, stakeholders showed great interest for innovations in approach to development and curriculum design itself. The expectation to see the project developed educational offer has also been expressed.

<b>Day 2</b>	<b>Body of Knowledge, project tools, benefits for business sector</b>
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#### **The Body of Knowledge as the basis for curriculum design and other activities. What will you find in the BoK for GI\*EO**

The concept of Body of Knowledge and its role in curriculum design, as well as content of EO\*GI BoK have been presented in this session by Danny Vandembroucke and Martyna Stelmaszczuk-Gorska and followed by practical demonstration lead by Rob Lemmens. Participants had opportunity to directly interact with EO\*GI BoK and design a real case curriculum.

#### **How could companies make use of BoK and tools: Occupational Profile Tool and Job Offer Tool**

This session was devoted to business sector and benefits which companies can gain from the EO\*GI BoK and tools developed by the EO4GEO consortium. Speakers Monica Miguel-Lago and Sven Casteleyn delivered conceptual introduction emphasizing how can gap between the offer and



demand in education be bridged (seeking for new skills and knowledge in EO\*GI business) and how EO\*GI BoK and tools can be used by companies and public sector in satisfying those needs. Again, demonstration of real case using BoK, Occupational Profile Tool and Job Offer Tool has been prepared by Giacomo Martirano and conducted in interaction with the participants initiating vivid discussion.

### **Scenario's for learning actions: what is planned**

Last thematic session delivered practical scenario's for learning actions which will be implemented and promoted by the project as a new or upgraded forms of learning with focus on learning in virtual environment. Stefan Lang and Barbara Reidler presented GEOBIA virtual summer school, the idea, innovations, objectives and design, and together with Peter Zeil and Veronika Krieger demonstrated how to design learning scenario and plan related training action.

### **Summary**

Representatives of the EO4GEO consortium presented in the above sessions the program tools developed within the framework of the project that enable efficient design of the educational offer. Tools have been developed for academic study programmes and vocational education training programmes. Developed tools can be used whether for EO\*GI experts or many other professions covering the scope of EO\*GI knowledge and skills such as environmental and nature protection, climate change, transport, agriculture, coastal and urban governance, data management and the development of spatial data-based applications. Moreover, the developed tools aim to enable companies to create profiles of knowledge and skills of professionals who, in accordance with the tasks they are engaged in, want to engage. Based on developed tools, design and development of training actions have been demonstrated.

Summarizing whole EO Summit, we can conclude that sessions have been very well visited (158 participants in average) with great speaker-participant interaction. The overall event results can be summarized in the following sentences:

- participants confirmed the importance of Earth Observation and GeoInformatics (EO/GI) education at all educational levels and their interest in the tools and curricula that were presented,
- idea that we need more demand driven academic and vocational educational offers has been confirmed throughout the Summit
- participants expressed great interest for EO4GEO educational offer, which is under development, and developed tool (Curriculum Design Tool)
- participants, especially from the business sector, showed great interest for the Book of knowledge and project tools developed for them (Occupational Profile Tool and Job Offer Tool)
- EO4GEO project invitation to all participants to contribute and collaborate in the project was warmly welcomed by all and is already being followed up (119 participants sent their contacts expressing interest for collaboration).



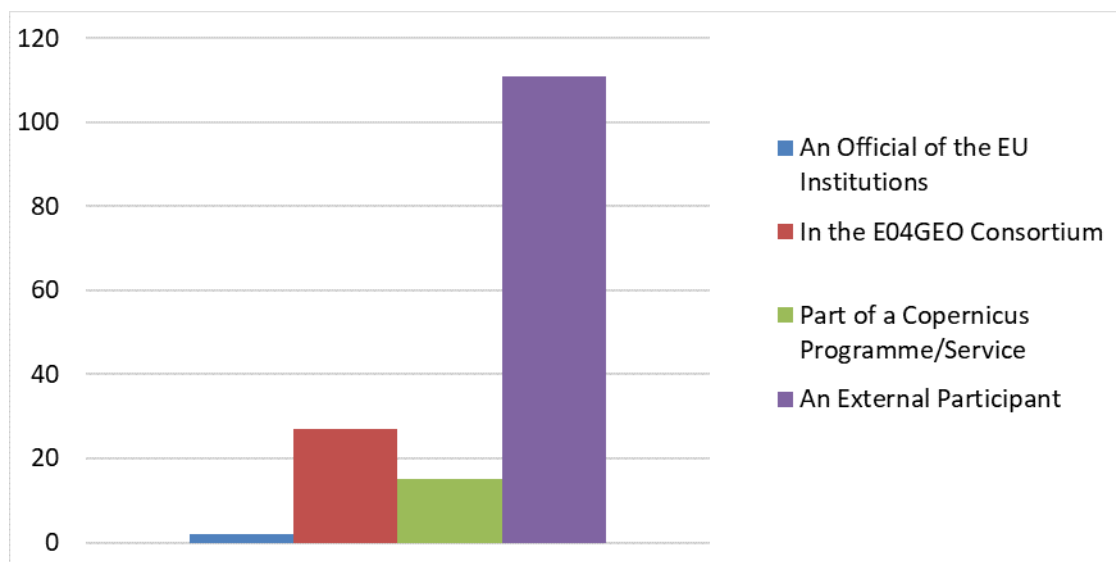
## Quality evaluation

The workshop attendants were asked to evaluate the workshop with a questionnaire. Since the registration and respectively evaluation process was conducted by Eyes on Earth Roadshow consortia, and they had firm form for the evaluation of participants satisfaction, the questions for participants were different from standard questions in evaluation form used by EO4GEO project. Nevertheless, valuable information has been received from the participants and they are presented here. In total 154 participants responded on the questionnaire and the results of these evaluations were positive.

The following graphics show the average values of the answers. Not everyone answered all the questions.

## Affiliation of the participants

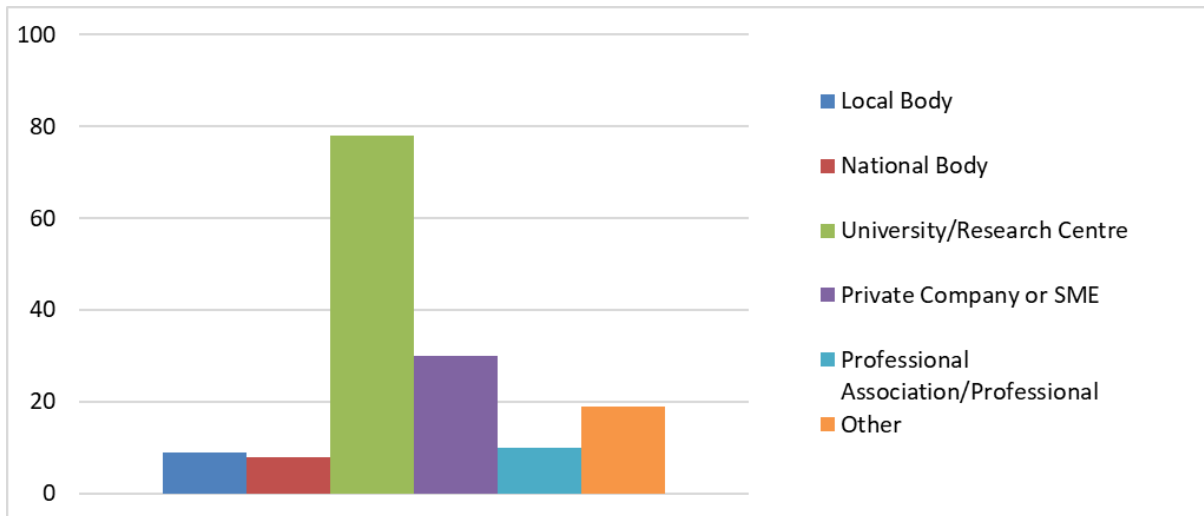
Q1: You are? [four categories offered]





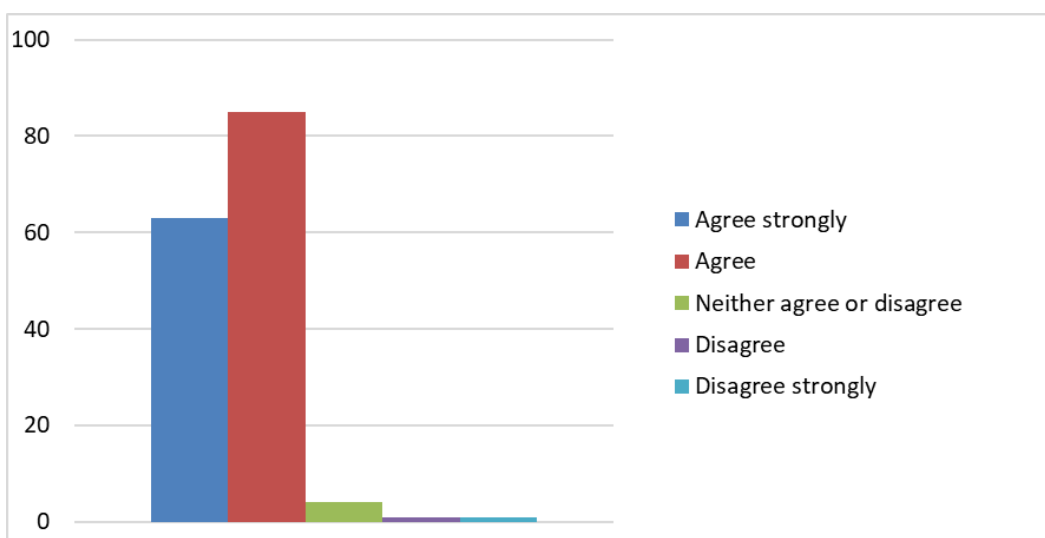
### Participants occupation

**Q2: Please select your occupational category:** [six categories offered]



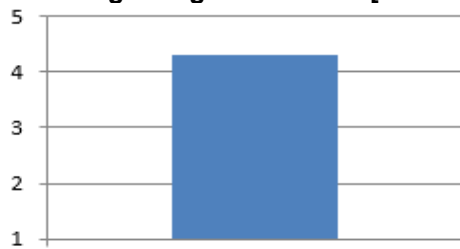
### General satisfaction with the event

**Q3: I found the online event useful and interesting.** [from 1 (disagree strongly) to 5 (agree strongly)]



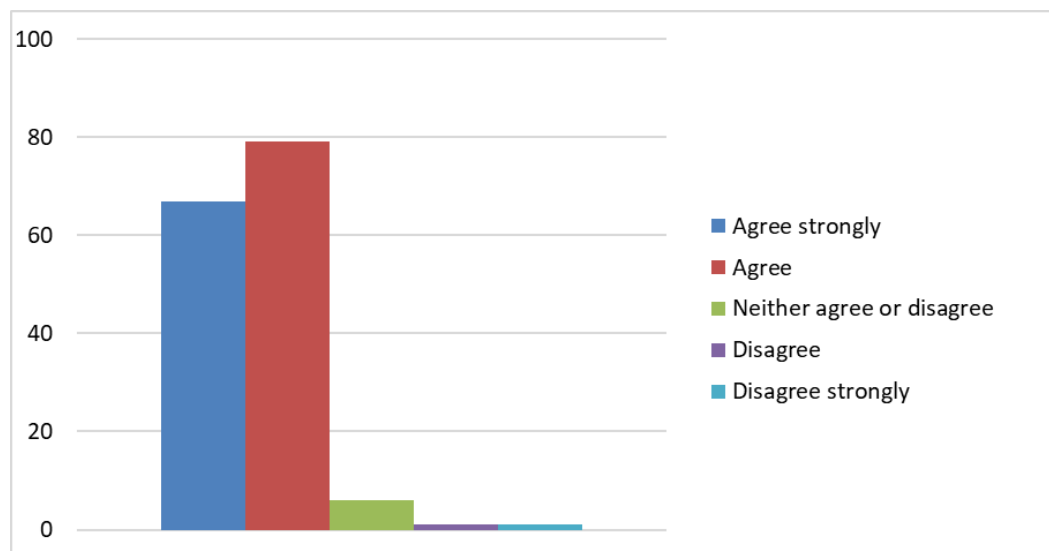


### Overall grading of the event [from 1 (poor) to 5 (very good)]



### Recommending the event

**Q4: If it were to be repeated, I would recommend the event to others:** [from 1 (disagree strongly) to 5 (agree strongly)]

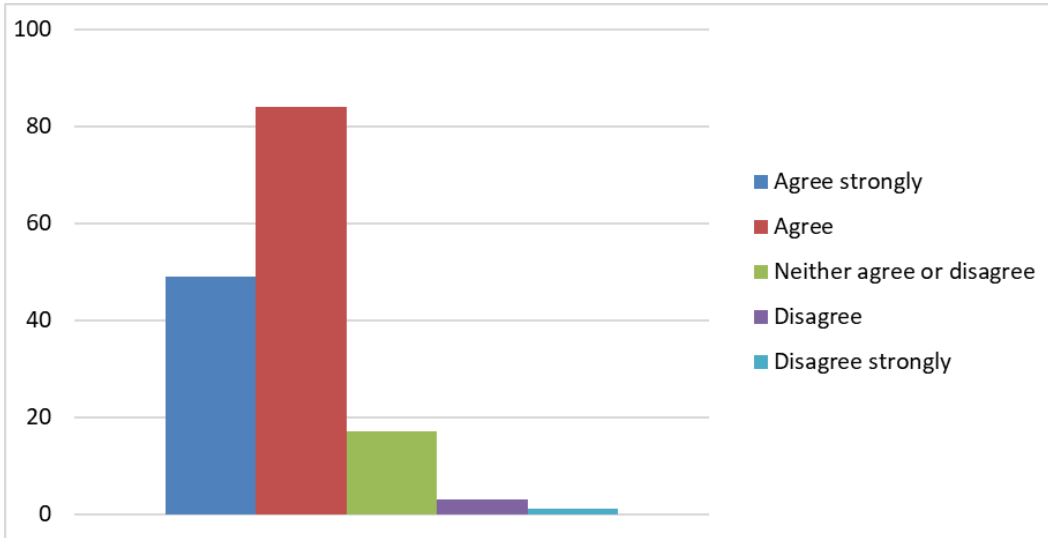






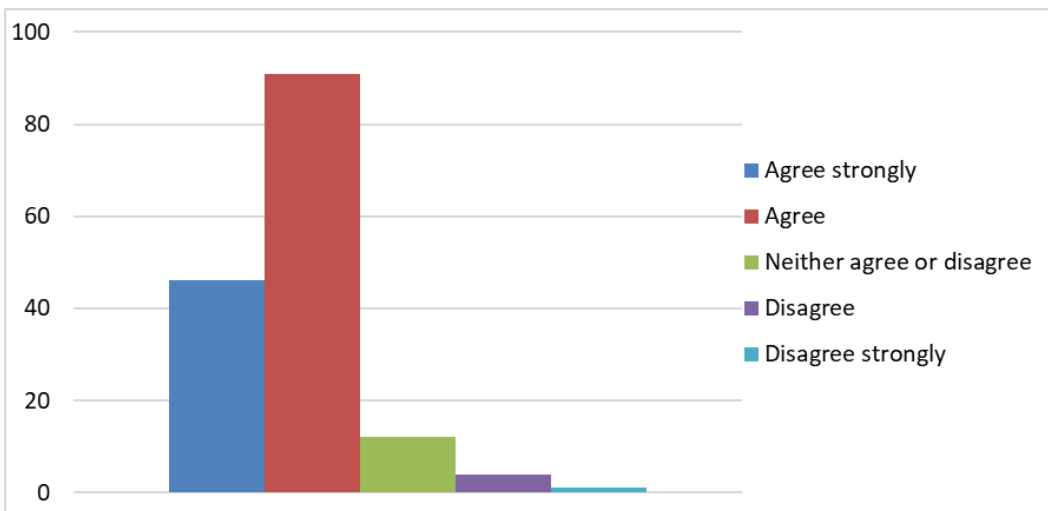
### I found the online event useful

**Q5: I learned a lot about how the Copernicus satellite programme is working to help us preserve our planet** [from 1 (disagree strongly) to 5 (agree strongly)]



### Satisfaction with the event program

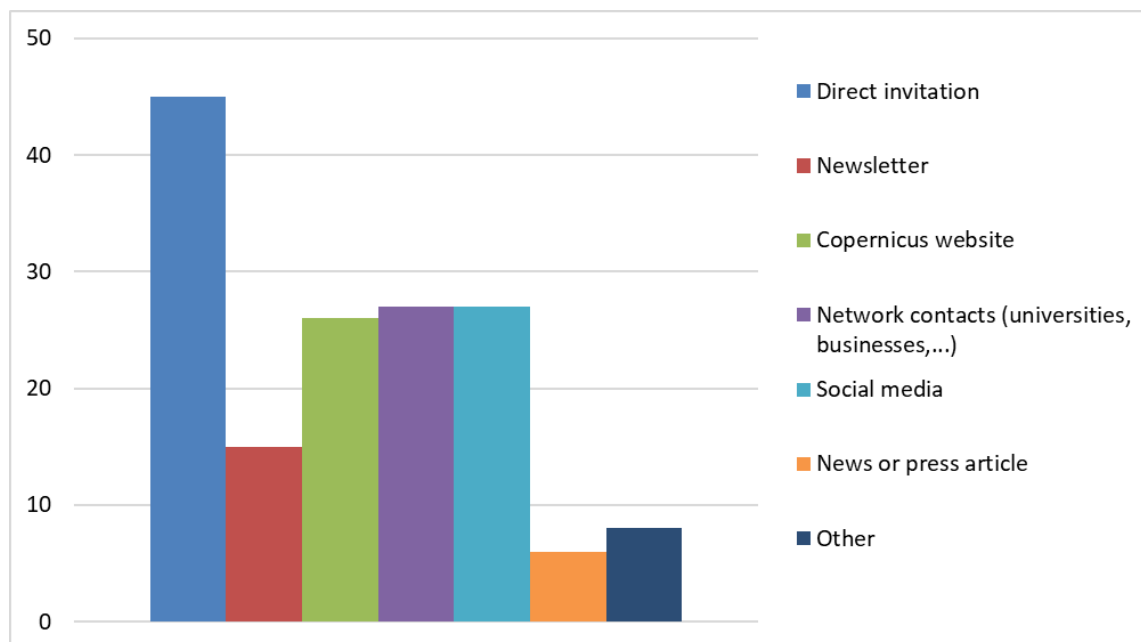
**Q6: I thought the programme met my needs** [from 1 (disagree strongly) to 5 (agree strongly)]





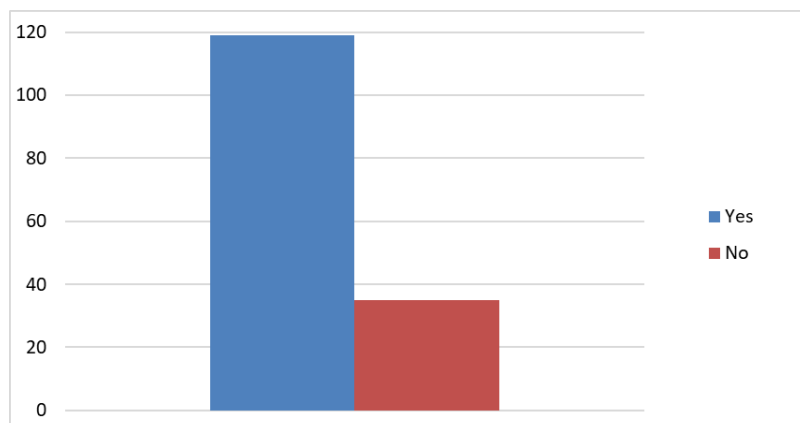
### Event information source

**Q7: How did you hear about this online event?** [seven categories offered]



### Readiness for collaboration with the EO4GEO project

**Q8: I consent to my contact details being used to inform me on the testing of tools, training actions, and similar future collaborations** [Yes or No offered]



### General evaluation

General evaluation	Yes
Readiness to collaborate with EO4GEO project – similar to question <i>Would you be interested to participate in evaluating and give contributions to the core deliverables of EO4GEO (the sector skills strategy, the Body of Knowledge, the EO curricula, the learning material, the long-term action plan, etc.)?</i>	82%



## **2.2. EO4GEO- Skills development in Earth Observation and Copernicus User Uptake**

**Date:** 20 October 2020 at 14:00-15:25h

**Type of event:** Webinar

**Title:** Tools for EO4GEO, regional roll-out

### **Objectives**

Due to the pandemic, NEREUS decided to postpone the workshops organised in The Azores and in Poland (Mazovia and Pokarparckie) for 2021 after consulting the EO4GEO partners. The Network conceived it as an opportunity to organise an EO4GEO webinar to update its members and other target audiences about the status of the project and the official release of the EO4GEO tools. The purpose of the webinar was to inform of the activities of the Network within the project, present how members can get engaged, and benefit from these activities and give an outlook on the next steps. Further, it was highlighted the important role of regions in education/training initiatives.

In a nutshell, the webinar had the overall objective to promote the EO4GEO sector skills alliance and its tools towards the Member regions and universities but also to get their views on the initiative. The webinar aimed at:

- Raising awareness on the EO4GEO initiative: Introduction of EO4GEO Sector Skills Alliance to the regional ecosystem;
- Promoting the EO4GEO tools to NEREUS Member regions and universities and connecting EO4GEO partners with regional representatives;
- Gathering input and feed-back from the regional/university community on the adequacy of the tools;
- Enhancing interregional collaboration;
- Improving connections within the EO4GEO community.



## List of participants

More than 100 people attended the event, mostly from universities, regional administrations, space organisations, companies, EU institutions, research centres. It is notable the interested expressed by participant from 17 countries outside Europe.

The complete list is reported in ANNEX I

## Agenda

- **Brief impulse presentation: “What is about and why the Network decided to become a partner?”** by Margarita Chrysaki, NEREUS Communication officer (10 min)
- **Testimonies from regions who hosted an EO4GEO workshop (N.Aquitaine ) and from the regions who will host (Poland);** 10 min
- **Stimulating links between EO4GEO and Universeh, an Erasmus + project and views by the university community,** short interventions by Mr Emmanuel Zenou (Universeh representative) (4min)
- **“Why the role of regions is key for the success of the initiative and what are the benefits for them?”** Intervention by Milva Carbonaro, GISIG and EO4GEO’s coordinator and Kevin Ramirez (EIT Climate-KIC) (15 min)
- **“Tools for EO4GEO”** introduction by M. Chrysaki and presentations of Rob Lemmens (University of Twente), Aida Monfort Muriach (UJI), Martyna Stelmaszczuk-Górska (University of Jena), Andreas Kazantzidis (University of Patras) (20 min)
- Questions/Comments by participants (moderated discussion) (20 min)
- Closing

## Proceedings:

Workshop’s proceedings, the recording and the presentations are available on the web site:

<https://www.nereus-regions.eu/2020/09/25/eo4geo-skills-development-in-earth-observation-and-copernicus-user-uptake-tools-for-eo4geo-regional-roll-out-on-20th-october-2020-14-00h/> and on



the EO4GEO website: <http://www.eo4geo.eu/webinar-skills-development-in-earth-observation-and-copernicus-user-uptake-nereus/>

## Webinar's outcomes

### ➤ Participation

The webinar attracted 107 participants across Europe from universities, regional administrations, space organisations, companies, EU institutions, research centres as well as 7 NEREUS Member regions (Emilia Romagna, Piedmont, Mazovia, Podkarparckie, Madrid, East-Midlands and Bavaria). In addition, the international character of this diverse audience was a surprising note during the webinar showcasing the global interest for the uptake of the EO\*GI education skills- participants from the following countries outside Europe joined the webinar: Japan, India, Brazil, Argentina, Ethiopia, Myanmar, China, Pakistan, Peru, Mexico, Thailand, Ecuador, Kenya, Tunisia, Philippines, Ghana and Cambodia.

### ➤ Key points of the presentations

The webinar was divided into two parts: A) In the first part, NEREUS gave an overview of the project's mission as well as why the Network is increasingly valued as a partner to this project. The following points had been particularly highlighted:

- the important role of regions as the key users and procurers of space-based applications, products and services;
- the fact that public authorities (PAs) are able to address their needs and maximise the social, economic and environmental impact and contribute to the growth at a local and regional level by using Copernicus;
- The fact that regions are also links to key stakeholders and therefore a privileged channel of information to universities, start-ups and companies, policy makers and many other EO4GEO target audiences;
- On the other hand, education/training is considered an essential factor for growing downstream markets at the regional level. It was emphasized that regions need to be also



updated and to participate in the development of an appropriate educational framework that will provide the right skills and competencies for the future development of human resources.

Then, regional representatives who hosted and will host an EO4GEO workshop in their region shared their experiences and expectations with the audience:

- Ms Magali Pages -the local partner from the first EO4GEO workshop hosted by AEROCAMPUS Aquitaine in the Nouvelle-Aquitaine region (France) in 2019- underlined that the workshop was beneficial to French stakeholders as it provided them with concrete examples of the benefits of using Copernicus and skills needed to enhance the development of the regional and local space capabilities;
- The next 2 EO4GEO workshops will be hosted by the Network's Polish partners in 2021. Mr Adam Sieczka (Mazovia region) and Mr Antoni Jez (Podkarpackie region) made a brief presentation on the space capabilities of their regions and what are their expectations from EO4GEO. Both regions have a strong space industry, academia. In addition, there is an ESA BIC located in Podkarpackie. On this basis, they outlined the importance of the know-how of the EO data. In particular, the use of Copernicus from the local governments, universities and companies comes along with the provision of tools and educational material to better equip the future workforce with the relevant soft and hard skills. As a result, there is a great interest to organise the workshops in their regions to inform their user communities about the tools developed in EO4GEO project and establish contacts with experts.

Next to this, NEREUS has also the role to stimulate links and synergies between EO4GEO and relevant initiatives under the Erasmus+ Alliance. Mr Emmanuel Zenou, the representative of the initiative and professor of ISAE-SUPAERO from the University of Toulouse (located in the NEREUS founding region Occitanie) explained about the project and what are the long-term benefits for the regions; the importance in exchanging experience and expertise amongst EO4GEO and UNIVERSEH and the benefits that these initiatives related to education and learning bring to the growth and jobs at the regional level.

Finally, Ms Milva Carbonaro (GISIG) and Kevin Ramirez (EIT Climate-KIC) presented why the role of regions is key for the success of the initiative and what are the benefits for them at a long-term encouraging the participants to follow the project's developments and test the tools.



In the second part of the webinar the EO4GEO partners (Martyna Gorska from FSU-JENA University, Rob Lemmens from Twente University, Aida Monfort Muriach from Universitat Jaume I, and Andreas Kazantzidis from the University of Patras) presented with concrete examples the educational material and the tools to the participants, namely: the Bok, occupational profile tool, job offer tool, BoK matching tool and the Living Text Book.

#### ➤ **Outcomes- Final Remarks**

After the presentation of the tools, member regions had the opportunity to discuss with the developers what is the lack of skills in the Earth observation/Geoinformation activities of their organisations; to what extent the proposed online tools and training materials fit their expectations; how to use the tools in their specific cases and policies. The interaction between the EO4GEO partners and the NEREUS regions led to the continuation of this discussion after the end of the webinar to better understand the use of the tools for their regions. Last but not least, the developers of the tools interacted with the regional representatives and experienced what are the needs in regions, evaluated which are the specific tools that might correspond to the specific cases mentioned by PAs and how they could make the best out of them.



### 3. EO4GEO High level capacity building workshops in 2021

In the frame of the EO4GEO project, NEREUS is responsible for the organization of 5 high-level capacity building seminars (Task 7.5) focused on specific sectors and in relation to the best-tuned exploitation of the different learning contents produced. They will be organized and structured on the basis of the gap analysis and the profile of each target audience, looking into innovative formats while adopting inter- and multidisciplinary approaches. The 5 seminars branded NEREUS will be organized in collaboration with the network members in order to ensure a strong regional anchorage together with a broad geographic representation. The tentative locations, as indicated in the project proposal are: Brussels, BE (NEREUS); Ponta Delgada, PT (University of the Azores – Copernicus Academy); Latresnes, FR (Aerocampus Aquitaine – Copernicus Academy); *Matera, IT (Consorzio TeRN – Copernicus Relay)*; Warsaw, PL (UNEP/GRID – Copernicus Academy).

NEREUS proposed the concepts for the 2 high level capacity-building workshops for 2020, however due to the pandemic, the workshops in The Azores and in Poland had to be postponed for 2021. The aim of these seminars is double: on the one hand, they aim at presenting the Sector Skills Strategy with strategic stakeholders. On the other hand, the objective is to gather input with a view to the Long-Term Action Plan and overall sustainability of the Blueprint Alliance. During these months, the Network enriched its dialogue with the regions as well as with its project partners regarding the development of the agenda and recommended speakers for these workshops.

In line with the network's mission to ensure a regional dimension to the project's objectives, the first workshop wishes to look into the cross-sector impact of space data use in the region of the Azores. The strong maritime sector of the region will give the opportunity to the local community to discuss transversal future skills together with experts that will be able to bring concrete experiences of the value of design thinking, creativity and soft skills. The second workshop is targeted to the Polish community, and will be organized in the Region of Podkarpackie (with a preparatory workshop in Mazovia region targeted to the university community- students and academia). The first objective will be to present the Sector Skills Strategy to a Polish audience and gather input from the Polish business community.

Depending on the status of the pandemic, the workshops can be implemented online if the option of a physical meeting is not available.





## **Proposal for 2021**

### **Theme: Discussing the EO4GEO Sector Skills Strategy and the transversal future skills in the region of the Azores (Portuguese edition)**

- Organizers: NEREUS + The university of The Azores
- Contributors: European Commission
- Date: 2<sup>nd</sup> July 2021
- Place: The Azores
- Objective:
  - Raise awareness on the EO4GEO initiative to relevant stakeholder communities;
  - Promotion of the EO4GEO tools to the Azorean audience;
  - Identify current and future needs of EO products/services and human resources in ICZM (Integrated Coastal Zone Management), MSP (Marine Spatial Planning) and coastal/marine economic activities for the Azorean landscape.
- Strategic audience:
  - Local and Regional Authorities
  - Academia
  - Private sector
- Format: Workshop – 50-60 people
- Developed format: Workshop, which includes the presentation of the EO4GEO tools and debate with experts in order to further understand the challenges and potentialities at a local and regional level.
- Budget: TBD

### **Theme: Discussing the EO4GEO Sector Skills Strategy and its Recommendations: the private view (Polish edition)**

- Organizers: NEREUS + Podkaparkie & Mazovia region
- Contributors: European Commission
- Date: October 2021
- Place: Poland
- Objective:



- Present the EO4GEO tools;
- Gather input from the regional space community on the EO4GEO SSS;
- Raise awareness on the EO4GEO initiative;
- Strategic audience:
  - Podkarpackie private sector community and regional politicians
  - Certification representatives
  - Mazovia university community
- Format: Workshop – 100 people
- Developed format: Workshop, which includes the presentation of the EO4GEO tools and focus on the debate with the audience in order to gather input and further understand how this could be taken into the regional strategies.
- Budget: TBD

**Theme: Discussing the EO4GEO Sector Skills Strategy and its Recommendations with the academia and students (Italian edition)**

- Organizers : NEREUS+ UNIBAS
- Contributors: European Commission
- Date: Autumn 2021
- Place: Basilicata, Italy
- Objective:
  - Presenting the EO4GEO initiative and new developments to the students and academia and initiate an open discussion between them and experts to gather input on current and future needs in terms of EO and services among others.
- Strategic audience:
  - Academia and Students
- Format: Workshop – 50-60 people
- Developed format: Workshop, which includes the presentation of the EO4GEO tools and debate with academia/students to understand the challenges and potentialities at a local and regional level.
- Budget: TBD



## 4. Conclusions

The third year of the project has been characterised by the COVID crisis, that had significant impact on face-to-face events. The dissemination actions of the EO4GEO project were also affected, and it has been decided to postpone the seminars expected to be organised in The Azores and in Poland.

However, two major online events have been organized.

In June the 2<sup>nd</sup> Earth Observation Summit, an EO4GEO special dissemination event in the context of the Croatian Presidency of the Council of the European Union, have been co-organized by the University of Zagreb Faculty of Geodesy (GEOF), the EO4GEO and the Ministry of Science and Education of Republic of Croatia.

More than 630 people attended at least one session of the event.

There was an opportunity to listen to high ranked officials of the Government of Republic of Croatia and European Commission bodies and agencies and the round table was the occasion to discuss the strength, weaknesses, opportunities and threats faced by the Copernicus programme and the EO\*GI industry and the jobs of the future and the role of education in ensuring adequate personnel.

Moreover, the EO4GEO partners presented the developed project tools (Body of Knowledge, Curriculum Design Tool, Occupational Profile Tool and Job Offer Tool) and the activities related to the identification of business processes and design of EO\*GI educational offer and training.

The overall event results can be summarized as following:

- all the stakeholders expect further growth of the EO\*GI sector in the coming period and the EU programmes Copernicus and Galileo are drivers of this development;
- the main threat from the perspective of representatives of the economy is the lack of well-educated professionals of all levels of education, and the modernisation of the education system needs to be accelerated and more focused on acquiring the skills that public administration and the economy need;
- activities aimed at reducing the gap between the opportunities offered by EO\*GI technologies and the ability to implement them in society, such as the EO4GEO project, are a valuable contribution to the future development of the European EO\*GI sector;
- participants confirmed the importance of Earth Observation and GeoInformatics (EO\*GI) education at all educational levels and their interest in the tools, curricula and the EO4GEO educational offer presented;
- the need of more demand driven academic and vocational educational offers has been confirmed throughout the Summit;
- participants, especially from the business sector, showed great interest for the Body of Knowledge and project tools developed for them (Occupational Profile Tool and Job Offer Tool)
- EO4GEO project invitation to all participants to contribute and collaborate in the project was warmly welcomed by all and is already being followed up (119 participants sent their contacts expressing interest for collaboration).



In October an EO4GEO webinar has been organised by NEREUS, with the aim to updating its members and other target audiences about the status of the project and the official release of the tools.

More than 100 people attended the event, mostly from universities, regional administrations, space organisations, companies, EU institutions, research centres; notable the interest expressed by participant from 17 countries outside Europe.

The EO4GEO webinar gave the opportunity for the participants to have an overview of the project's mission and the important role of regions as the key users and also as a privileged channel of information to universities, start-ups and companies, policy makers and many other EO4GEO target audiences.

The participants had also the opportunity to discuss with the developers of the tools and this stimulated a debate to better understand the use of the tools in specific cases and how they could make the best out of them.

The whole EO4GEO dissemination activities in 2020 were focused on spreading the availability of the project products: in this sense, these two organized events also contributed, and the goal can be considered achieved.

Depending on the status of the pandemic, the proposed 2 high level capacity-building workshops for 2020, postponed for 2021, can be implemented online if the option of a physical meeting will be not available.



## ANNEX I

### List of participants to the 2<sup>nd</sup> Earth Observation Summit

N.	Organisation	Name	Surname	No of EO Summit sessions entered
1	Soils, Water and Environment RI - Agricultural RC	Mohamed	Abdelkader	9
2	GISC Dubai Municipality	Hussein	Abdulmuttalib	9
3	United Nations	Wafa	Aboul Hosn	9
4	University of Wuerzburg	Itohan-Osa	Abu	5
5	World Food Programme	Jerson	Achicanoy Chicaiza	9
6	Amphinicy Technologies	Afdal	Adam	1
7	UNEP/GRID-Warsaw	Anna	Adamowicz	8
8	Afrosurface UG Germany	Lanre	Adebayo	2
9	<a href="https://www.utp.edu.my/">https://www.utp.edu.my/</a>	Naheem	Adebisi	8
10	National Space Research and Development Agency	Oluwatola	Adedeji	7
11	Ocean Sciences and Techniques Academy	Mohamed	Adel	8
12	Geological Institute of Romania	Tataru	Adrian	1
13	Sant'Anna	Margherita	Agostini	4
14	MINSAIT	Irene	Aguerri Vallino	9
15	UJI	Estefania	Aguilar Moreno	8
16	Igea Ltd.	Boris	Ahlin	9
17	Hunter College CUNY	Jochen	Albrecht	6
18	University of Salzburg, Department for Geoinformatics Z_GIS	Florian	Albrecht	8
19	Yarmouk University	Abdulla	Al-Rawabdeh	9
20	Tor Vergata University	Nancy	Alvan-Rometo	1
21	University of Stuttgart	Diego	Alvarez Florez	1
22	Nova University	Carlos	Álvaro	8
23	FCULisboa	Helga	Alves	9
24	Istituto Nazionale di Geofisica e Vulcanologia	Stefania	Amici	6



<b>N.</b>	<b>Organisation</b>	<b>Name</b>	<b>Surname</b>	<b>No of EO Summit sessions entered</b>
25	Xavier University	Crystal Jane	Anacleto	2
26	Faculty of Forestry University of Zagreb	Mario	Ančić	2
27	spl2ce Special Space Service	Christer	Andersson	1
28	EUMETSAT	Yago	Andres	3
29	UNEP/GRID-Warszawa	Maria	Andrzejewska	5
30	Male	Davor	Anicic	4
31	IGiK	Leszczyńska	Anna	3
32	University of Würzburg	Christabel	Ansah	4
33	IREA-CNR	Massimo	Antoninetti	2
34	AIRBUS Operations S.L.	Alberto	Arana-Hidalgo	9
35	Trabajos Catastrales S.A.	Carlos	Aranda Torres	3
36	LITIO - Université Oran 1, 1524 El-M'Naouer, 31000 Oran - Algeria	Noureddine	Aribi	4
37	Universidad Nacional Agraria La Molina	Ana Belén	Arroyo Ramírez	9
38	NEREUS	Roya	Ayazi	1
39	Fossegrimen Technology OÜ	Metin	Aydar	8
40	University of Zagreb, Faculty of Geodesy	Željko	Bačić	9
41	UTCB	Ana Cornelia	Badea	4
42	gecosistema	Stefano	Bagli	4
43	University of Tehran	Fatemeh	Bahreini	8
44	University of Oxford	Gaurav	Bajaj	6
45	Beia Consult International	Cristina	Balaceanu	1
46	GREEK MINISTRY OF EDUCATION	Eleni	Bampalona	4
47	Administration for Civil Protection and Disaster Relief of the Republic of Slovenia	Katja	Banovec Juroš	8
48	Bangor University	Mirko	Barada	2
49	Tracasa	Arturo	Barberena	1
50	BEIA Consult International	Marina	Barbu	1
51	Navigator d.o.o.	Lucija	Baričević	2



<b>N.</b>	<b>Organisation</b>	<b>Name</b>	<b>Surname</b>	<b>No of EO Summit sessions entered</b>
52	EIT CLIMATE KIC	Emanuele	Barreca	9
53	Xavier University	Juillet Mae	Barton	1
54	Prehnt Ltd.	Anja	Batina	7
55	IES MARC FERRER	Carles.E.	Batlle Oliva	3
56	National Institute of Aeronautic and Sapce of Indonesia	Athar Abdurrahman	Bayanuddin	3
57	Mapillary	Christopher	Beddow	1
58	enricabedosti@hotmail.com	Enrica	Bedosti	6
59	KSUCTA	Adilet	Bekturov	7
60	Centro para el conocimiento del paisaje	Rafael	Belda Carrasco	4
61	UIIP NASB	Alexei	Belotserkovsky	7
62	St Andrew University	Fernando	Benitez	6
63	French MOD	Clément	Berthillot	1
64	Pathway Technologies and Services Pvt Ltd	Radhika	Bhandari	8
65	OHB Digital Services GmbH	Jörg	Biesewig	4
66	Epsilon Italia srl	Lisa	Bilotti	8
67	Oikon Ltd.	Tena	Birov	5
68	Ministry	Mahendra Kumar	Bissessur	3
69	Wikilimo	Roshni	Biswas	1
70	Melior Systems	Carmen	Blasco	1
71	Frau	Alexandra	Bojor	1
72	AIT	Alexandra	Bojor	7
73	EPSILON Malta Ltd	Marc	Bonazountas	1
74	Adriatic Aerospace Association	Slobodan	Bosanac	3
75	ESERO Spain	Carmen	Botella-Almagro	8
76	TU Darmstadt	Simon	Both	1
77	Palacky University	Adam	Boudník	8
78	EARSC	Marion	Bouvet	9



<b>N.</b>	<b>Organisation</b>	<b>Name</b>	<b>Surname</b>	<b>No of EO Summit sessions entered</b>
79	Private	Francisca	Bown	1
80	Politecnico di Milano	Gorica	Bratic	9
81	Vocational School Đurđevac	Željko	Brček	1
82	Czech Government	David	Brezina	3
83	Ires ekologija d.o.o.	Paula	Bucić	3
84	JMU Würzburg	Andreas	Bury	7
85	NATIONAL RESEARCH COUNCIL (SPAIN)	Isabel	Caballero	1
86	TRACASA	Maria	Cabello	4
87	European Central Bank	Diego	Cammarano	9
88	MITERD	Alberto	Campos	1
89	Spacearth Technology srl	Vittorio	Cannas	3
90	Tiraspol State University (headquarters in Chisinau), Faculty of Geography	Lucia	Capatina	8
91	Universidad Tecnológica Nacional - Facultad Regional Haedo	Alexis Maximiliano	Caratozzolo	9
92	GISIG	Milva	Carbonaro	8
93	Gisbox	Irina	Carlan	1
94	Thaes	Florence	Carraro	1
95	Sumifru Philippines Inc.	Agripino III	Castaños	5
96	Universidad Jaime I	Sven	Casteleyn	8
97	Xavier University- Ateneo de Cagayan	Joerily	Ceballos	2
98	Conagua	Etna	Cervantes	1
99	CERTH-ITI	Rizos	Chadoulis	9
100	University of Tartu	Abhay	Chauhan	1
101	TU Deft	Alex	Chiodo	1
102	African Maths Initiative - Kenya	Laetitia	Christine	1
103	NEREUS	Margarita	Chrysaki	8
104	University of Cordoba	Carmen	Cima Rodríguez	9
105	Unipd	Angela	Cimini	4





N.	Organisation	Name	Surname	No of EO Summit sessions entered
106	-	Ionut	Cimpian	8
107	Mrs	Karen	Clements	1
108	studio di architettura	Carolina	Collaro	9
109	Hes	Tom	Collins	8
110	GeoEcoMar Romania	Adriana	Constantinescu	9
111	Institute Cartographic and Geological of Catalonia	Jordi	Corbera	1
112	ETH Zurich	Roberto	Coscione	7
113	NDConsult	Nina	Costa	1
114	French Space Command	Raphaël	Cottain	1
115	PhilRealty Appraisal	Hermelito	Creer	4
116	University of Ghana	Aba	Crentsil	4
117	Hungarian State Treasury	Bernadett	Csonka	6
118	InnaLabs	Hannah	Curri van	3
119	Locatum	James	Cutler	5
120	Education and Teacher Trainer Agency	Davor	Černi	4
121	Faculty of Geodesy	Matea	Ćurak	2
122	Skole	Marta	Ćuže	1
123	ETAP	Housse m	Daaji	9
124	Mozaika	Mariana	Damova	1
125	Polar Research & Policy Initiative	Max	Daniels	2
126	Heidelberg University of Education	Lisa	Dannwolf	3
127	ERRIN	Ilaria	d'Auria	8
128	Universidad autónoma del Estado de México	Norma	Davila	8
129	RAMANI	Rogier	De Haan	1
130	KSAT	Carles	Debart	1
131	ROSA	Andreea Luminita	Dedulescu	1
132	COTESA	Jorge	Del Águila López-Pintor	1



N.	Organisation	Name	Surname	No of EO Summit sessions entered
133	Universidad de Jaén	Jorge	Delgado-García	8
134	VO	Gauthier	Demaret	1
135	Sc WESTAGEM	Alin	Deneanu	1
136	T-Systems	Erik	Dethier	1
137	Kalpna chawla center for space and nano sciences	Asima Dey	Dey	5
138	RST-TTO	Katya	Dimitrova	9
139	European Commission	Maria Vittoria	D'Inzeo	9
140	EO4GEO Un. Salzburg	Simon	Donike	8
141	Sofia Univesity	Zornitsa	Dotseva	1
142	KING ICT	Daria	Dragcevic	8
143	COTESA a Grupo Tecopy company	Eduard	Drenth	1
144	Marshal Office	Marta	Drygalska	8
145	Matija Antun Reljković High school	Ružica	Dugandžić	1
146	RST TTO	Anna	Dyankova	9
147	University of Sarajevo	Suada	Dzebo	3
148	SustGlobal	Gopal	E	7
149	Information Technology	Robinson	Egbo	7
150	T-Obs	Tchana	Elisée	1
151	university	Karim	Ennouri	1
152	CUT	Anastasis	Evagorou	1
153	Ricardo E&E	Christopher	Evangelides	1
154	University of Zilina	Peter	Fabian	7
155	European Commission	Mauro	Facchini	2
156	Indonesia University of Education	Agil Akbar	Fahrezi	1
157	Tonkin +Taylor, NZ	Bapon	Fakhruddin	9
158	INGV	Nicola Angelo	Famiglietti	4
159	Stati Generali Innovazione	Sergio	Farruggia	7



N.	Organisation	Name	Surname	No of EO Summit sessions entered
160	EuroGOOS	Vicente	Fernandez	1
161	DLR	Rocio	Fernandez	4
162	Independent consultant	Jennifer	Fernando	3
163	National Institute for Space Research - INPE	Hilcea	Ferreira	8
164	SRTI-BAS	Lachezar	Filchev	1
165	Energy Institute Hrvoje Požar	Željka	Fištrek	1
166	Not employed	Valentina	Flander	2
167	German Aerospace Center	Anke	Fluhrer	1
168	central direction of emergency and technical assistance of firefighters	Stefano	Frittelli	3
169	AGGF	Tanja	Fržović	7
170	Regional Environmental Protection Agency of Calabria	Francesco	Fusto	9
171	Periyar University	Sugavanam	G	1
172	Unemployed	Sanda	Gaković	1
173	REPLY Spa	Giuseppe	Galeota	9
174	Xavier University - Ateneo de Cagayan	Fiorenzo Ysrael	Gamboa	2
175	UP LICEUL TEORETIC ȘTEFAN CEL MARE OR. ȘOLDANESTI	Teodor	Garabajiu	7
176	Uni Würzburg	Andrea	Garcia	4
177	Geofumadas	Laura	Garcia	9
178	SIGTE from UdG	Carla	Garcia Lozano	9
179	COTESA	Aurelio	Garcia Rochera	1
180	Loweurope	Ann	Garrott	2
181	University of Prishtina	Ferim	Gashi	6
182	RHEA System GmbH	Alban	Gaucher	1
183	Instituto Agronomico de Campinas (IAC)	Glauber Jose De Castro	Gava	3
184	Odessa National I.I. Mechnikov University	Yevgen	Gazyetov	2
185	University of Ovidius Constanta	Fanaru	Geanina	1
186	Risk Space Transfer TTO	Atanas	Georgiev	9



<b>N.</b>	<b>Organisation</b>	<b>Name</b>	<b>Surname</b>	<b>No of EO Summit sessions entered</b>
187	Faza	Sajjad	Ghazanfarinia	7
188	ACADEMIA	Souad	Ghouzlane	8
189	National Research Council of Italy	Claudia	Giardino	9
190	Faculty of Civil Engineering, Architecture and Geodesy Split	Marina	Giljanović	9
191	University of Zagreb Faculty of Science	Marija	Gligora Udovič	6
192	Zavod KURZ, Copernicus Relay Slovenia	Lenka	Glozancev	9
193	Geodetska škola	Antonio	Gojak	9
194	Faculty of Transport and Traffic Sciences of the University of Zagreb	Hrvoje	Gold	1
195	Faculty of Civil Engineering Subotica	Danica	Goleš	1
196	CNR-IREA	Mario Angelo	Gomarasca	9
197	IMT	Jonatan Omar	González	9
198	EASME	Erwin	Goor	1
199	GISIG	Silvia	Gorni	8
200	Univ Jaume I	Michael	Gould	1
201	Basile Meralli Ballou Goussard	Basile	Goussard	3
202	Faculty of Technical Science, University of Novi Sad	Miro	Govedarica	8
203	University of Osijek	Tanja	Gradečak	9
204	Universitat Jaume I	Carlos	Granell	7
205	University of Zagreb Faculty of Geodesy	Marijan	Grgić	8
206	Institute of Geodesy and Cartography	Patryk	Grzybowski	8
207	Universidad Pedagógica y Tecnológica de Colombia	Wilson	Guacheta	6
208	University	Giulia	Guerri	5
209	Institute of Geodesy and Cartography	Radoslaw	Gurdak	8
210	None	Martijn	Haag	1
211	Cyprus University of Technology & Eratosthenes Centre of Excellence	Diofantos	Hadjimitsis	9
212	University of Sarajevo Faculty of Civil Engineering	Emina	Hadžić	2
213	Oikon d.o.o.	Dalibor	Hatić	2



N.	Organisation	Name	Surname	No of EO Summit sessions entered
214	Exostaff	Olivier	Hautecoeur	6
215	Univ Dhaka	Tanzim	Hayat	7
216	Royal HaskoningDHV	Elke	Hendrix	2
217	KU Leuven	Stien	Heremans	2
218	Agencija za odgoj i obrazovanje	Alica	Hergesic	6
219	GMV	Francisco Javier	Hernández Gallardo	8
220	LOWeurope	Rosa	Hirtzel	1
221	University of Salzburg	Barbara	Hofer	2
222	S&T	Roland	Hooghiemstra	1
223	Državna geodetska uprava	Zlatko	Horvat	4
224	Institute of Geodesy and Cartography	Agata	Hoscilo	8
225	CRLDS	Luiza	Hoxhaj	7
226	HLNUG Wiesbaden	Andreas	Hoy	2
227	Science Park Graz / ESA BIC Austria	Jeremija	Hranjec	9
228	European Space Policy Institute	Tomáš	Hrozenký	1
229	PhD student at Faculty of geodesy, University of Zagreb.	Mirko	Husak	9
230	Planetek Italia	Daniela	lasillo	8
231	Geo-SEE Institute	Bashkim	Idrizi	6
232	Sapienza University of Rome	Muhammad	Imran	1
233	Malta College of Arts, Science and Technology	Frankie	Inguanez	9
234	University	Filippo	Iodice	1
235	National Institute for Research and Development on Marine Geology and Geo-ecology – GeoEcoMar	Gabriel	Iordache	1
236	-	Simona-Mihaela	Iorgulescu	9
237	UNAM	Cesar	Irala	2
238	T-Systems	Guido	Ising	4
239	Universitat Jaume I	Ditsuhi	Iskandaryan	1



N.	Organisation	Name	Surname	No of EO Summit sessions entered
240	Faculty of Civil Engineering, Architecture and Geodesy (UNI Split)	Majda	Ivić	1
241	Faculty of education and rehabilitation sciences	Marija	Ivković	4
242	Hda	Christian	Jacob	1
243	French MOD	Julien	Jamaux	9
244	Science Park Graz / ESA BIC Austria	Dijana	Janevska	7
245	Chilean Space Association	Sebastian	Jaraquemada	6
246	Svalbard Integrated Arctic Earth Observing System (SIOS)	Shridhar	Jawak	4
247	University of Split Faculty of Maritime Studies	Gorana	Jelic Mrcelic	1
248	Icelandic Meteorological Office	Esther	Jensen	3
249	Marshal's Office of the Podkarpackie Region Poland	Antoni	Jeż	7
250	MVJ College of Engineering	Devanshu	Jha	7
251	Civil Protection	Miguel Angel	Jiménez	2
252	SEACARL	Grisel	Jimenez Soto	4
253	Geolinks Consults Limited	Sheriff	Jimoh	8
254	University of Leicester	Sarah	Johnson	2
255	GeoTech Center	Ann	Johnson	9
256	Aalborg University	Jamal	Jokar Arsanjani	2
257	University of Applied Sciences Velika Gorica	Nives	Jovicic	3
258	Srednja škola Hvar	Gabrijela	Jurić	1
259	Ministry of Science and Higher Education	Joanna	Jurkiewicz	9
260	Indian Institute of Remote Sensing	Hemanth	K	8
261	Polish Space Agency	Ewelina	Kaatz-Drzeżdżon	1
262	University of Oran 1	Mejdi	Kaddour	9
263	Greeki Ministry of Transport and Infrastructure	Efthymios	Kaliampakas	1
264	TKP geo	Jiří	Kalina	1
265	UNDP Mauritius and Seychelles	Vladimir	Kalinski	3
266	BITS Pilani	Dewansh	Kaloni	1



<b>N.</b>	<b>Organisation</b>	<b>Name</b>	<b>Surname</b>	<b>No of EO Summit sessions entered</b>
267	Institute of Geodesy and Cartography	Michał	Kałuski	1
268	LOW	Vilte	Kaminskaite	1
269	Eskisehir Technical Universty	Gordana	Kaplan	1
270	GAUSS	Almir	Karabegovic	9
271	Aristotle University of Thessaloniki	Aikaterini	Karagianni	7
272	Ministry of Environment and Energy	Bojan	Karaica	5
273	University of Würzburg	Nils	Karges	1
274	EASME	Ivan	Katsarski	3
275	Xavier University - Ateneo de Cagayan	Ryuji	Kawakami	1
276	Harran University	Yunus	Kaya	8
277	University of Patras	Andreas	Kazantzidis	8
278	National Technical University of Athens	Kyriaki	Kechagia	3
279	WARREDOC	Xeni	Kechagioglou	4
280	Heidelberg University of Education	Johannes	Keller	6
281	UCL	Nadia	Khan	2
282	Geodetska škola	Robert	Klickovic	1
283	University of Zagreb, Faculty of Geodesy	Ivka	Kljajić	2
284	Federal Administration for Geodetic and Property Affairs	Slobodanka	Kljucanin	2
285	World Space Week Croatia	Danko	Kočiš	1
286	Ministry of Economic Development	Marta	Kolibabska	8
287	Faculty of Forestry	Jelena	Kolić	2
288	EPSILON Group	Pelagia	Koutsantoni	4
289	Ministry of Interior	Jasminka	Kovačević	4
290	XV. gymnasium	Eric	Kovačina	1
291	Jagiellonian University	Jacek	Kozak	7
292	Centralstation Veranstaltungs-GmbH	Otmar	Kraft	1
293	Termodron	Sergej	Krajnc	1



<b>N.</b>	<b>Organisation</b>	<b>Name</b>	<b>Surname</b>	<b>No of EO Summit sessions entered</b>
294	Faculty of Geotechnical Engineering	Nikola	Kranjčić	2
295	Spatial Services GmbH	Veronika	Krieger	8
296	MultiOne j.d.o.o.	Josip	Križan	6
297	HEP ODS	Ružica	Krstić	1
298	Faculty of Geodesy University of Zagreb	Andrija	Krtalić	7
299	kidman & nicholson	Joris	Kruse	2
300	CloudFerro	Stanisław	Krzyżanowski	1
301	National Water Management Authority in Poland	Gabriela	Kuc	8
302	Royal HaskoningDHV	Lout	Kuiper	1
303	Croatian News Agency (HINA)	Doris	Kujek	1
304	University of Mysore	Nagarjun	Kumar SM	9
305	GEODATA PROJEKT	Milenko	Kundid	7
306	University of Tartu	Mika	Kuno	1
307	Indian Institute of Technology Roorkee	Sunni Kanta Prasad	Kushwaha	3
308	OIKON Ltd Institute for Applied ecology	Vladimir	Kušan	8
309	University of Zagreb, Faculty of Geodesy	Ana	Kuveždić Divjak	8
310	Not employed	Wai-Yin	Kwan	9
311	Ibn Zohr University	Adnane	Labbaci	7
312	BSC	Carlo	Lacagnina	2
313	Freelance	Ryan	Laird	8
314	Faculty of Electrical Engineering and Computing	Tanja	Lakić	8
315	University of Salzburg	Stefan	Lang	3
316	House of Lords	Andrew	Lansley	1
317	Accede	Max	Lazaro	9
318	CNR-IREA	Simone	Lella	9
319	University of Twente, Faculty of Geo-Information Science and Earth Observation (ITC)	Rob	Lemmens	8





<b>N.</b>	<b>Organisation</b>	<b>Name</b>	<b>Surname</b>	<b>No of EO Summit sessions entered</b>
320	University of Rome "Roma Tre"	Azzurra	Lentini	7
321	LIST geoinformatika	Marin	Leontenko	9
322	Vision d.o.o.	Peter	Lepej	1
323	Royal HaskoningDHV	Xiyao	Li	1
324	ETH	Shiyi	Li	4
325	Zhejiang University	Dan	Li	9
326	AIR Centre	Tania	Li Chen	1
327	CENIA	Nina	Liberda	4
328	GIB	Greger	Lindeberg	7
329	Ulster University	Florian	Lindl	1
330	University of Ulster	Florian	Lindl	1
331	Ruhr-University Bochum	Claudia	Lindner	6
332	Karolinska Institute	Maria	Lindqvist	7
333	UST	Cucovici	Liubovi	3
334	Mongolian Geo-spatial Association	Ochirkhuyag	Lkhamjav	1
335	Not employed	Laura	Lolo	9
336	Xavier University - Ateneo de Cagayan	Sir Jan Lemuel	Lonio	1
337	Erasmus University Rotterdam	Alexander	Los	2
338	Cyprus University of Technology & ERATOSTHENES Centre of Excellence	Eleni	Loulli	9
339	LOW	Sally	Low	2
340	IISS J. von Neumann	Elena	Lugaro	1
341	Ruđer Bošković Institute	Stipe	Lukin	5
342	Energy High School Craiova	Mariana	Lulache	9
343	SpaceTec Partners	Annamaria	Luongo	9
344	CREA	Flavio	Lupia	2
345	BMKG	Suradi	M.Cc	7
346	Exostaff GmbH	Jonothan	Mackay	5



N.	Organisation	Name	Surname	No of EO Summit sessions entered
347	Croatian Crisis Management Association	Igor	Magdalenić	8
348	CGI Nederland	Milad	Mahour	9
349	Cicos	Kambi	Maixent	7
350	Not employed	Iva	Majetić Radun	9
351	ICPDR	Zoran	Major	2
352	GISTDA	Prasit	Maksin	8
353	La Rochelle University	Maliha Masfiqua	Malek	9
354	Royal Observatory of Belgium	Yana	Maneva	3
355	DIH	Monika	Manolova	7
356	XV.gimnazija	Mihaela	Marceljak Ilić	1
357	Ulg	Dimitri	Marchand	1
358	Brittany Delegation in Brussels	Rozenn	Marechal	3
359	Matija Antun Reljković, High school	Ema	Margić	9
360	Freelance	Virginia	Martínez González	9
361	Starlab Barcelona SL	Lucas	Martinez Rodrigo	7
362	Epsilon Italia srl	Giacomo	Martirano	8
363	A.D.Varazdin	Ivan	Masic	1
364	A.D.	Ivan	Masic	5
365	University of Gothenburg	Ntandokazi	Masimula	2
366	Tanta University	Alaa	Masoud	2
367	lmathew@wwf.panda.org	Langen	Mathew	7
368	Research Group for Earth Observation, Department of Geography, Heidelberg University of Education	Tobias	Matusch	6
369	TechWorks Marine	Sinead	Mcglynn	4
370	Geodetska škola	Ratko	Medan	8
371	CONAE	Ana	Medico	2
372	Odesa National I.I. Mechnikov University	Sergiy	Medinets	1
373	University of Pristina	Murat	Meha	6



<b>N.</b>	<b>Organisation</b>	<b>Name</b>	<b>Surname</b>	<b>No of EO Summit sessions entered</b>
374	ClimateX	Saquib	Mehmood	1
375	Cyprus University of Technology	George	Melillos	4
376	GSA	Marie	Menard	2
377	University of Pula	Urianni	Merlin	1
378	Ministry of Enviroment and Energy	Hana	Mesić	1
379	VU	Guste	Met	2
380	IUCN	Kristin	Meyer	4
381	Aristotle University of Thessaloniki	Konstantinos	Michailidis	5
382	EARSC	Monica	Miguel-Lago	9
383	EARSC	Monica	Miguel-Lago	9
384	University of Agronomic Sciences and Veterinary Medicine Bucharest	Cristina Elena	Mihalache	6
385	Croatian Shipowners' Association Mare Nostrum	Maria	Mihalić	1
386	Centrum Badań Kosmicznych PAN	Marta	Milczarek	1
387	HEP-ODS d.o.o.	Katarina	Milec	2
388	Faculty of Geodesy - University of Zagreb	Mario	Miler	5
389	OŠ "Antun Gustav Matoš" Tovarnik	Nikola	Milić	9
390	Vekom Geo	Ankica	Milinkovic	7
391	University of Niš Faculty of mathematics and science	Milan	Milovanović	8
392	Instituto Geológico y Minero de España	Sandra Martina	Mink	1
393	Flanders Environment Agency	Katleen	Miserez	7
394	Municipality of Thessaloniki	Simeon	Misirloglou	3
395	IGIK	Katarzyna	Misiura	1
396	University of Salzburg (PLUS)	Eva	Missoni	8
397	Graditeljsko - geodetska škola Osijek	Ivana	Mlinaric	1
398	Sensor.Community	Lukas	Mocek	9
399	KU Leuven	Santiago	Molano Bernal	6
400	Universitat Jaume I	Aida	Monfort Muriach	8



<b>N.</b>	<b>Organisation</b>	<b>Name</b>	<b>Surname</b>	<b>No of EO Summit sessions entered</b>
401	Particular	Luis	Mora	8
402	Preservation Balearic Islands	Rocio	Moreno Miguel	9
403	High school Hvar	Antonio	Morić-Španić	1
404	Universidad Politécnica de Madrid	Carlos	Morillas	2
405	Institute of Oceanography and Fisheries	Mira	Morović	9
406	Self-employed	Linda	Moser	9
407	Aristotle University of Thessaloniki	Antonios	Mouratidis	7
408	Sanergy	Laura	Mugeha	6
409	Univerzitet u Sarajevu	Medzida	Mulic	7
410	Estonian Academy of Security Sciences	Andres	Mumma	8
411	Algerian Meteorological Office	Abdelfettah	Nadour	9
412	Education Ministry	Elisabeta Ana	Naghi	1
413	Not employed	Serena	Nappi	4
414	University of Insubria	Nicoletta	Nappo	2
415	IPATEC - CONICET	Camilo	Naranjo	6
416	Sylwia Nasilowska	Sylwia	Nasilowska	9
417	NIEP - The National Institute for Earth Physics	Eduard	Nastase	1
418	Land&co	Perparim	Ndoj	9
419	Faculty of Geodesy, Zagreb University	Zvonimir	Nevistić	9
420	UNIVERSITY OF PERADENIYA	Rekha	Nianthi	4
421	Technical University of Moldova	Livia	Nistor-Lopatenco	5
422	Protostar Labs	Filip	Novoselnik	9
423	Anuland	John	O' Connor	9
424	UN IOM	Taiwo	Ogunwumi	8
425	Mylokations	Charles	Olaoye	8
426	KU Leuven, SADL	Marc	Olijslagers	9
427	Lenkè Space and Water Solutions Ltd	Nkeiruka	Onyia	8



N.	Organisation	Name	Surname	No of EO Summit sessions entered
428	Xavier University-Ateneo de Cagayan	Joge	Opeña	2
429	European Space Agency	Thomas	Ormston	1
430	Humanity Road	Leon	Orotta	9
431	IGAC	Sandra	Ortegon	9
432	gmv	Jesús	Ortuño	9
433	Novogit AB	Anders	Östman	3
434	ICPAC	Viola	Otieno	8
435	Researchturk Space Co.	Tamer	Özalp	4
436	Technical University of Moldova	Alexandru	Pantaz	9
437	Technical University of Moldova	Dorina	Pantaz	9
438	Practica Level 2 Lifelong Learning Center	Andreas	Papacharalampous	4
439	Cyprus University of Technology	Marinos	Papadopoulos	3
440	Universitat Jaume I	Pavel	Pascacio	1
441	NIGGG - BAS	Lyubka	Pashova	1
442	UNIVERSITY OF TARTU	Aditya Savio	Paul	1
443	Regional Centre for Integrated Environmental Monitoring and Ecological Studies of Odessa National I.I. Mechnikov University	Tetiana	Pavlik	2
444	STRATOSYST	Jiri	Pavlik	9
445	Permanent Representation of Croatia to the EU	Vanja	Pavlovic	9
446	Not employed	Aleš	Pecha	4
447	CUT	Marina	Pekri	9
448	Dirección General Marítima	Mauricio Alejandro	Perea Ardila	1
449	Universitat Jaume I	Claudia	Pérez	1
450	Faculty of Forestry	Renata	Pernar	2
451	SEMA-MA	Adauto	Pestana	1
452	Matija Antun Reljković High school	Ena	Pešutić	1
453	Ion Mincu University of Architecture and Urbanism	Alexandru-Ionut	Petrisor	1



<b>N.</b>	<b>Organisation</b>	<b>Name</b>	<b>Surname</b>	<b>No of EO Summit sessions entered</b>
454	WACC	Luan	Pham	8
455	ISRO	Heman	Phinehas	4
456	Porto Cesareo Marine Protected Area	Andrea	Picciolo	3
457	AZOO	Gordan	Pihač	9
458	Universidade do Minho	Catarina	Pinheiro	9
459	Palacky University	Alexandra	Plachtová	3
460	Science Park Graz / ESA BIC & BA Austria	Inês	Plácido	1
461	Research Group for Earth Observation at the Heidelberg University of Education	Christian	Plass	2
462	Odessa National I. I. Mechnikov University	Oksana	Pogrebnaya	9
463	The INCLEN Trust International	Ramesh	Poluru	2
464	KULeuven	Maria Da Saudade	Pontes	7
465	GAUSS d.o.o. Tuzla	Mirza	Ponjavic	7
466	Rartel (Telespazio) Romania	Alexandru	Popa	3
467	Fakultet tehničkih nauka	Aleksandra	Popović	1
468	Faculty of Geodesy	Vesna	Poslončec-Petrić	1
469	Tanjungpura University	Muhammad	Pramulya	8
470	Autonomous Univertisy of Barcelona	Ricardo	Prentice	3
471	Tecnalia	Iñaki	Prieto	9
472	Cyprus University of Technology & Eratosthenes Centre of Excellence	Maria	Prodromou	9
473	Xavier University - Ateneo de Cagayan	Nikolai Yvan	Quicoy	2
474	Faculty of Civil Engineering, Architecture and Geodesy, University of Split	Ivana	Racetin	2
475	High school Hvar	Tina	Radaić	1
476	Ministry of Science and Education	Andreja	Radovic	8
477	Macquarie University	Shahriar	Rahman	9
478	WWF India	Mohan	Raj	4
479	C2E Consulting	Mohamed	Rajhi	4
480	Climate-KIC	Kevin	Ramirez	9



N.	Organisation	Name	Surname	No of EO Summit sessions entered
481	TYC GIS	Beatriz	Ramos	8
482	Geoprojekt	Mladen	Rapaić	6
483	Freelancer	Mikael	Rattenborg	3
484	Geodetski fakultet Sveučilišta u Zagrebu	Fabijan	Ravlić	4
485	private project	Andrea	Righetto	1
486	Instituto Geográfico Militar	José Luis	Rivadeneira García	8
487	University of the Faroe Islands	Gethin	Roberts	8
488	WWU	Alexys Herley	Rodriguez Avellaneda	3
489	Mariscope Companies	Cristina V	Rodriguez-Benito	3
490	European Commission Representation in the Netherlands	Bart	Roelandt	1
491	Universidad Nacional Mayor de San Marcos	Joel	Rojas Acuña	3
492	SASEMAR	Jose Antonio	Roman	2
493	INCD GEOECOMAR	Viorica-Dana	Roman	7
494	1.osnovna škola Petrinja	Marija	Ros Kozarić	3
495	Airbus	Paul	Rosario	4
496	Jogesh Chandra Chaudhuri College	Bidyut	Roy	7
497	University	Abhi	Roy	9
498	Deep Blue Globe	Pablo	Ruiz Sánchez	9
499	Mediterranean Agronomic Institute of Chania	Ainur	Rychshanova	1
500	UNSW	Muppidi	Sahaja	8
501	GISIG	Giorgio	Saio	8
502	Brawijaya University	Muhammad Rizki	Saleh	7
503	University College London	Melda	Salhab	4
504	RHDHV	Med	Samoud	4
505	ujaen	Fernando	Sanchez	9
506	EUMETSAT	Laura	Santos	1
507	AMBENTE	Christian	Saravia	4



<b>N.</b>	<b>Organisation</b>	<b>Name</b>	<b>Surname</b>	<b>No of EO Summit sessions entered</b>
508	Nikita Sargsyan	Nikita	Sargsyan	8
509	LOW	Victoria	Sarmiento	1
510	Malta College of Arts Science and Technology	Daren	Scerri	5
511	City of Haarlem	Valentina	Schippers-Opejko	1
512	VIDI-TO d.o.o.	Igor	Sečen	2
513	Barcelona Supercomputing Center	Miguel	Segura-Sempere	1
514	East China Normal University	Dhritiraj	Sengupta	5
515	EOanalytics Ltd.	Guy	Serbin	7
516	Aligarh Muslim University	Nargis	Shabnam	9
517	Survey Department	Eliza	Shrestha	9
518	Norwegian University of Science and Technology	Niroj	Shrestha	9
519	EUMETSAT	Matej	Siget	1
520	University of Bucharest	Andra	Simion	1
521	Zagreb Univeraity of Applied Sciences	Goran	Sirovatka	8
522	FERIT University of Osijek	Marina	Skender	1
523	Agency for Mobility and EU Programmes	Jasmina	Skočilić	4
524	Strukovna škola Đurđevac	Zvezdana	Smes	1
525	Faculty of Humanities and Social Sciences University of Zagreb	Rajna	Sosic Klindzic	6
526	Particular	Antonio	Soto	9
527	NOA meteo.gr	Adam	Soumpasakis	8
528	ISPRA	Daniele	Spizzichino	2
529	SADL, KULeuven	Therese	Steenberghen	1
530	University Jena	Martyna	Stelmaszczuk-Górska	9
531	Service Public de Wallonie	Nathalie	Stéphenne	7
532	Koc University	Dimitris	Stratoulis	3
533	Ascalia	Dejan	Strbad	1
534	Atos CVC	Hrvoje	Strepacki	3





<b>N.</b>	<b>Organisation</b>	<b>Name</b>	<b>Surname</b>	<b>No of EO Summit sessions entered</b>
535	University of Salzburg	Josef	Strobl	7
536	BEIA Consult International	George	Suciu	1
537	Beia Consult International	Victor	Suciu	9
538	Institute for Environmental Solutions	Inese	Suija-Markova	6
539	Richflood International	Ojo	Sunday	1
540	EUMETSAT	Oliver	Sus	1
541	Permanent Representation of the Republic of Slovenia to the EU in Brussels	Gregor	Svajger	2
542	Exostaff GmbH	Yulia	Svistunova	1
543	Faculty of Geodesy, University of Zagreb	Katarina	Svržnjak	2
544	Hungarian Association for Geoinformation	György	Szabó	3
545	Sabrina Szeto Consulting	Sabrina	Szeto	3
546	Geodetic school	Robert	Šamarinec	9
547	Agencija za odgoj i obrazovanje	Igor	Šelimber	3
548	High school Matija Antun Reljkovic	Antonija	Šimunović	2
549	University of Zagreb FER	Davor	Škrlec	9
550	University of Zagreb - Faculty of Geodesy	Danijel	Šugar	9
551	Xavier University	Francis	Taban	2
552	Faculty of Civil Engineering and Architecture	Lidija	Tadic	1
553	Masaryk University	Katerina	Tajovska	3
554	University of Bucharest	Ana-Maria	Talos	1
555	Bangalore University, Bangalore	M	Tamilelakkiya	6
556	National Institute for Earth Physics	Dragos	Tataru	1
557	Georgian Technical University	Marika	Tatishvili	1
558	Voeikov Main Geophysical Observatory	Daria	Tatsii	6
559	FGAG	Marina	Tavra	3
560	Valahia University of Targoviste	Gabriela	Teodorescu	1
561	Università degli Studi Roma Tre	Ines	Tescione	6



<b>N.</b>	<b>Organisation</b>	<b>Name</b>	<b>Surname</b>	<b>No of EO Summit sessions entered</b>
562	Survey Department, Government of Nepal	Laxmi	Thapa	8
563	Eratosthenes Center of Excellence	Kyriacos	Themistocleous	9
564	National Technical University of Athens	Eleftherios	Theodoropoulos	5
565	University of Reading	Linda	Toca	1
566	Matija Antun Reljković High school	Martin	Tokic	1
567	Ministarstvo zaštite okoliša i energetike	Iva	Tomašin	4
568	European Commission	Ana-Marija	Tomljenovic	9
569	Cotesa	Carlos	Toranzo	1
570	JTP	Jonathan	Trace	5
571	Vasile Goldis Western University of Arad	Nelu-Mihai	Trofenciu	2
572	Individual	Antonios	Tsaousoglou	6
573	European Commission	Elektra	Tsigaridas	9
574	Nikola Vaptsarov Naval Academy	Miroslav	Tsvetkov	1
575	Arhitektonsko građevinsko geodetski fakultet	Sanja	Tucikešić	9
576	waterdatacube.com	Oleksandr	Tugayev	8
577	TechWorks Marine	Eimear	Tuohy	2
578	European Commission	Julien	Turpin	2
579	Cyprus University of Technology	Marios	Tzouvaras	9
580	Nebula 42	Richard	Uchrin	9
581	SPACE-SI	Ana	Urbas	9
582	Tartu Observatory, University of Tartu	Mirjam	Uusoue	1
583	Self	Manu	V	9
584	Marine Research Institute, Klaipeda University	Diana	Vaiciute	9
585	OVIDIUS UNIVERSITY OF CONSTANTA	Natasa	Vaidianu	1
586	Xavier University - Ateneo de Cagayan	Jefferson Jr.	Vallente	7
587	Agora Partners	Simon	Van Dam	1
588	Science [&] Technology	Erik	Van De Pieterman	1



<b>N.</b>	<b>Organisation</b>	<b>Name</b>	<b>Surname</b>	<b>No of EO Summit sessions entered</b>
589	The Extremely Useful Company	Linda	Van Duivenbode	1
590	Royal HaskoningDHV	Gijs	Van Lith	9
591	KU Leuven	Glenn	Vancauwenberghe	8
592	KU Leuven (SADL)	Danny	Vandenbroucke	8
593	EU&UCONSULTING	Emilie	Vanderhulst	3
594	Xavier University - Ateneo de Cagayan	Christian Desee Manuel	Varias	1
595	GEO Polymorphic Cloud	Vassil	Vassilev	8
596	utad	Joana	Vaz Da Silva	1
597	UCLV	Romel	Vázquez Rodríguez	7
598	RAMANI	Valentijn	Venus	9
599	University of Toronto	Fondzenyuy	Verberi	6
600	Epsilon Italia srl	Alessandra	Vercillo	7
601	Eurisy	Alessandra	Vernile	3
602	LIST Geoinformatika	Antonija	Veselski	5
603	University of Zagreb, Faculty of Geodesy	Marina	Vilicic	3
604	Faculty of Geodesy, Univesity of Zagreb	Adam	Vinković	6
605	University of Bucharest	Marina	Vîrghileanu	1
606	FoE Estonia / Coalition Clean Baltic	Peeter	Vissak	1
607	University of Worcester	Fleur	Visser	7
608	Romanian Space Agency	Maria Ioana	Vlad Sandru	8
609	Uah	Trang	Vo	6
610	University of Nottingham	Cristina	Vrinceanu	2
611	Agency for Mobility and EU Programmes	Mirjana	Vuk	4
612	State Geodetic Administration	Sanja	Vurin	3
613	ClimSatApps	Jakub	Walawender	6
614	Infinite Dimensions Integration, S.L.	Jeffrey	Wallace	1
615	Breda University of Applied Sciences	Harald	Warmelink	5



<b>N.</b>	<b>Organisation</b>	<b>Name</b>	<b>Surname</b>	<b>No of EO Summit sessions entered</b>
616	institute of geodesy and cartography	Adam	Wasniewski	1
617	FH Campus Wien	Karen Sally	Weindorfer	3
618	LOW	Lucy	White	9
619	Geografiska Informationsbyrån	Sara	Wiman	8
620	UBIPOS UK LTD	George	Ye	8
621	Politecnico di Milano	Vasil	Yordanov	9
622	Strategis - Maritime ICT Cluster	Gregory	Yovanof	2
623	Ministry of Economy Development	Piotr	Zabadała	8
624	Sav	Michal	Zakarovsky	8
625	Ministry of the Economic Development and Technology	Mirjam	Zdovc	2
626	Spatial Services Ltd	Peter	Zeil	8
627	Netserv	Steve	Zerafa	4
628	Planet Labs	Djordje	Zivanic	2
629	Ministry of environment and energy	Irina	Zupan	8
630	Antropologija.org (popular-science blog), freelance	Uroš	Živanović	4
631	Student	Ivan	Žokvić	9



## List of participants to the Webinar “EO4GEO- Skills development in Earth Observation and Copernicus User Uptake

No.	Name	Surname	Organisation
1	Estefania	Aguilar Moreno	UJI / Castellón, Spain
2	Alexandra	Almeida	ESA BIC PT
3	Anna	Miskovicova	Slovak Liaison Office for Research and Development
4	Laura	Junasová	Slovak Liaison Office for Research and Development
5	Adélia	Sousa	Universidade de Évora
6	Helga	Kuechly	German Center for Geosciences, Germany
7	Diana	Vaiciute	Marine Research Institute, Klaipeda University, Lithuania
8	Natacha	Leite	University of Coimbra
9	Giulio	Ceriola	Planetek Italia / Italy
10	JEAN	DUSART	European Commission
11	I.	P-L	EUROPE
12	Ana	Martins	University of the Azores / Azores - Portugal
13	Carolina	Sá	Portugal Space
14	Maria Ioana	Vlad Sandru	Romanian Space Agency
15	Michal	Pilecki	Polish Space Agency
16	Iris	Ehlert	BSH
17	Milena	Parotti	Regione Piemonte
18	Thomas	Da Cunha	Cerema DTerSo (Toulouse) France
19	Martyna	Perek	Permanent Representation of Poland to the EU
20	György	Szabó	Hungarian Association for Geoinformation (HUNAGI)
21	Beatriz	González	Fundación para el Conocimiento Madri+d
22	Sylvie	Remondiere	Serco Italia spa
23	Charlotte	Flasse	ULB Belgium
24	Pedro	Penedos	EDISOFT/PORTUGAL
25	Hernyk	Hodam	Ruhr University Bochum, North-Rhine Westphalia
26	Akira	Akasaka	EU-Japan Centre for Industrial Cooperation / Japan
27	Antoni	Jeż	Marshal's Office of the Podkarpackie Region
28	Krystine	Piguet	Ex FTV / France
29	Mattia	Previtali	Politecnico di Milano / Lombardia
30	Marzia	Gabriele	POLIMI/Italy
31	Carolina	Collaro	University of Jaén Spain
32	Adam	Sieczka	Marschall Office of Mazowieckie Voivodeship
33	Andrzej	Skubisz	Regionalny Zarząd Gospodarki Wodnej w Rzeszowie



No.	Name	Surname	Organisation
34	Paweł	Gmyrek	County (optional)
35	Magdalena	Kowalik	Marshal Office of Podkarpackie Region
36	Monika	Przybył	Regionalny Zarząd Gospodarki Wodnej w Rzeszowie
37	Sabine	Kling	bavAIRia e.V.
38	Patrícia	Lourenço	University of Évora, Portugal
39	Carla	Martins	Câmara Municipal de Sesimbra
40	Bruna	Almeida	Lisbon
41	Mário	Costa	ICNF / Portugal
42	Artur	Gil	University of the Azores
43	Joshua	Kazingmei	Jessami Hr. Sec. School, Manipur, India
44	Edberto	Lima	Brazil
45	Andrea	Flores	UNGS- Argentina
46	Heng	Bauran	Ministry of water resources and meteorology
47	Edy Peter	Leon Chavez	Internacional
48	Aung	Lwin	Remote Sensing and GIS Research Centre, Yangon Technological University, Myanmar
49	Eskinder Gidey	Sintayehu	Mekelle University, Ethiopia
50	Elias	Weldemariam	HARAMAYA UNIVERSITY
51	Anis	Ghattassi	CERTE
52	Narayan	Kayet	IIT Kharagpur, India
53	Vijaya Kumar	Vasanth	IIT Roorkee
54	Shahab Ud	Din	UET Peshawar
55	Sarita Milagros	Olortegui Acosta	Universidad Nacional Federico Villarreal
56	Mubashir	Ali	IGEO PMAS ARID agriculture university Rawalpindi Pakistan
57	Aqil	Tariq	China
58	Arif UR	Rehman	Beijing Forestry University China
59	Pawan	Thapa	Kathmandu University
60	Nuno	Cesar de Sa	CML
61	Kamil	Kicinski	Kujawsko-pomorskie
62	Neftali	Sillero	CICGE/University of Porto/Portugal
63	Sandip	Rijal	Nepal
64	Nikki Martin	Choquecota Castillo	Lima
65	Foster	Mensah	Center for Remote Sensing and Geographic Information Services
66	Alberto	Hornero	Swansea University
67	Seif	Ammar	Budapest - Eotvos Lorand University



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69	Daniela	Iasillo	Planetek
70	Pedro	Cabral	Universidade Nova de Lisboa
71	Ankit	Rawat	WSP India
72	Surya Pratap Chandra Kishore	Bodi	Central University of Jharkhand
73	Alberto	Gutiérrez	México
74	VENKADESH	Samykannu	Tamil Nadu Agricultural University
75	Filipe	Fernandes	Açores
76	Magí	Franquesa	Universidad de Alcala
77	Kitsana	Khueangthong	Khon Kaen University, Thailand
78	Magali	PAGES	AEROCAMPUS Aquitaine
79	Auther	Maviza	Bulawayo
80	Fernando	Garrido	Ecuador
81	Cinzia	Alessandrini	Interregional Agency for the Po river (AIPO)
82	Milva	Carbonaro	GE
83	Emmanuel	Zenou	ISAE-SUPAERO / Occitanie
84	Nathalie	Stéphenne	Service Public de Wallonie
85	Ela Mae	Villegas	Aklan State University
86	Paweł	Oczos	Marshal's Office Podkarpackie Region
87	Mario Angelo	Gomasasca	CNR-IREA Milano, Italy
88	Andrea	Massetti	SIERENTZ GLOBAL MERCHANTS
89	Andrzej	Perkowski	Mazovia
90	Karim	Ennouri	Sfax
91	Martyna	Stelmaszczuk-Górska	University Jena, Department for Earth Observation
92	Aida	Monfort Muriach	Universitat Jaume I (Spain)
93	Danuta	Cichoń	Marshal's Office of the Podkarpackie Region
94	Andreas	Kazantzidis	University of Patras/Western Greece
95	Rob	Lemmens	University of Twente, Faculty of Geo-Information Science and Earth Observation (ITC)
96	Vaibhav	Katiyar	Yamaguchi University
97	SANDRA	PERNET	AEROCAMPUS AQUITAINE//NOUVELLE AQUITAINE REGION
98	Giovanna	Cialdella	Apulia Region
99	Kevin	Ramirez	Climate-KIC
100	Skrzypczak	Izabela	Rzeszow University of Technology
101	Lynette	Obare	Kenya



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103	Aqil	Tariq	Hubei
104	Reema	Sandhu	University of Leicester
105	Roya	Ayazi	NEREUS
106	Margarita	Chrysaki	NEREUS
107	Svetlana	Dimitrova	NEREUS