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EXCELSIOR Project

H2020-WIDESPREAD-2018-2020 · Grant Agreement No 857510

Project full title:	ERATOSTHENES: Excellence Research Centre for Earth Surveillance and Space-Based Monitoring of the Environment
Project acronym:	EXCELSIOR
Work Package:	WP9 Communication, Engagement and Networking
Deliverable:	D9.13 Report on the organisation of the annual ECoE International Workshop (RP1)
Version:	Final D9.13
Dissemination level:	Public

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Project acronym:	EXCELSIOR	
Work Package (WP): Task (T):	WP9 Communication, Engagement and Networking T9.5 Organisation of annual ECoE International Workshop	
Deliverable (D):	D9.13 Report on the organisation of the annual ECoE International Workshop (RP1)	
Due date of deliverable:	30 September 2020 (Month 12 of the project)	Version: Final D9.13
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Document Sign-off

Nature	Name	Role	Partner	Date
DRAFT	Eleni LOULLI Maria PRODROMOU Christiana PAPOUTSA Marios TZOUVARAS	WP9 Participants	CUT	29/07/2020
REVIEWED	Diofantos HADJIMITSIS	Project Coordinator	CUT	05/08/2020
REVIEWED	Gunter SCHREIER	WP9 Participant	DLR	12/08/2020
REVIEWED	Andreas ANAYIOTOS Kyriacos THEMISTOCLEOUS	WP9 Participant Project Technical Manager	CUT	09/09/2020
DRAFT	Eleni LOULLI Maria PRODROMOU	WP9 Participants	CUT	11/09/2020
REVIEWED	Kyriacos NEOCLEOUS	Project Quality Assurance Manager	CUT	18/09/2020
APPROVED	All partners			30 /09/2020

Work Package 9: Communication, Engagement and Networking

D9.13: Report on the organisation of the annual ECoE International Workshop (RP1)

Sections to be protected	Description	Owner	Access Rights	
			Period	Type*
Chapter 5	Links made with the industry as a result of the workshop.	EXCELSIOR consortium	2030	CA

*PD: Public dissemination CA: Confidentiality Agreement required for disclosure



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Executive Summary

The consortium of the EXCELSIOR Project and the Eratosthenes Centre of Excellence organised a heavily publicised virtual workshop with the participation of all national, EMMENA and international stakeholders. The workshop, which will be organised annually, addressed all the different activities of the Eratosthenes Centre of Excellence, i.e., infrastructure, research, education and innovation through entrepreneurship. The intention was that this Workshop would coincide with the Annual International Conference on Remote Sensing and Geo-information of Environment, but due to the COVID-19 pandemic restrictions the 2020 conference was cancelled. Thus, the workshop was postponed for the 15th of July and was held virtually using an online platform. The workshop aimed in strengthening regional links, investing in the continuous interaction with the strategic user segments of the Eratosthenes Centre of Excellence and sustaining long-lasting relationships and partnerships in the region. The Cyprus University of Technology led the organization of this workshop, while all EXCELSIOR Project partners contributed.



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Abbreviations

CUT	Cyprus University of Technology
CyRIC	Cyprus Research and Innovation Center Ltd
CYTA	Cyprus Telecommunication Authority
DAS	Data Acquisition Station
DEC	Department of Electronic Communications
DLR	German Aerospace Centre
ECoE	Eratosthenes Centre of Excellence
EMMENA	Eastern Mediterranean Middle East and North Africa
ESA	European Space Agency
EO	Earth Observation
EUSI	European Space Imaging
EUSC	European Union Satellite Centre
EXCELSIOR	Eratosthenes: Excellence Research Centre for Earth Surveillance and Space-based Monitoring of the Environment
MedRIN	Mediterranean Regional Information Network



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NASA	National Aeronautics and Space Administration
NOA	National Observatory of Athens
RS	Remote Sensing
RSCy2020	Eighth International Conference on Remote Sensing and Geoinformation of Environment
TROPOS	Leibniz Institute for Tropospheric Research



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1 Introduction

The 'EXCELSIOR' H2020 Teaming Project Consortium and the ERATOSTHENES Centre of Excellence (ECoE) organised the First Virtual International Workshop on 'Space Operations and Environmental Monitoring in Cyprus'. This Workshop was the first of a series of workshops that will be organized annually, with the participation of all national, EMMENA¹ and international stakeholders, addressing all the different activities of the ECoE, i.e., infrastructure, research, education and innovation through entrepreneurship and giving partners a forum to explain their work and interest in collaborating with ECoE. This workshop was planned and initially scheduled to coincide with the Annual International Conference on Remote Sensing and Geo-information of Environment/RSCy2020, however due to COVID-19 this workshop had been postponed. Eventually, the workshop took place virtually on the 15th of July 2020 through the ZOOM platform.

1.1 Main aim and objectives

The aim for these annual workshops is to interact with existing and new stakeholders, strengthen regional links, invest in the continuous interaction with the strategic user segments of ECoE and sustain long-lasting relationships and partnerships in the region.

The main aim of the First Virtual International workshop was to bring the participants and partners across with the plans and prospects of EXCELSIOR. Specifically, the workshop focused on demonstrating the EXCELSIOR infrastructure for space operations, monitoring and environmental research and how these can be used for the projects and challenges in the Eastern Mediterranean. The workshop was also a forum for entities to present their interests in collaborating with EXCELSIOR.

1.2 Venue of International Workshop

The international workshop was hosted through the ZOOM² video communication platform. To ensure a professional facilitation of the workshop, it was decided to purchase the ZOOM licence for up to 500 view-only attendees on a webinar. This has costed 13.99 € for the standard PRO monthly fee, plus 130.00 € for the 1-month Webinar 500. The choice for this subscription was proven to be essential for the workshop, as we reached up to 210 unique viewers and 105 maximum concurrent viewers.

The screenshots taken during the virtual workshop are uploaded in the EXCELSIOR project [Flickr page](#)³ and the recording is uploaded in the EXCELSIOR project [YouTube channel](#)⁴. Some examples of the screenshots are shown in Figures 1 to 3 **Error! Reference source not found..**

¹ EMMENA: Eastern Mediterranean Middle East and North Africa

² <https://zoom.us/>

³ EXCELSIOR Flickr Page: <https://www.flickr.com/photos/187632056@N02/albums/72157715259788002>

⁴ EXCELSIOR Youtube Channel:

https://www.youtube.com/playlist?list=PLZKj43OK4VApGsU4fkXQZGW0kgU_2we5J&fbclid=IwAR0nIYuBEOABHKIGzLtOANF97i4dQQOFjn75TEE89ZQP9t9Q2ooZmS0Q9d3w



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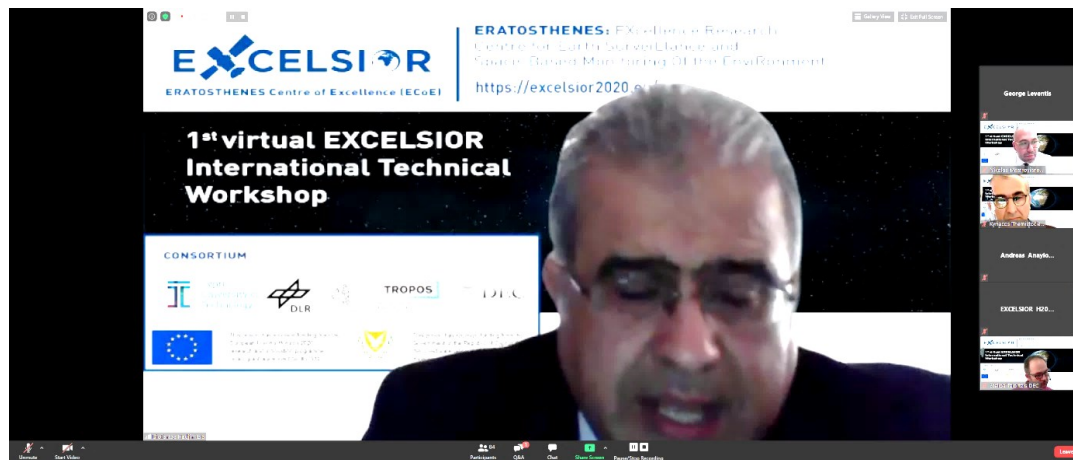


Figure 1: Prof Diofantos G. Hadjimitsis, Managing Director of ECoE



Figure 2: Mr Gunter Schreier, DLR



Figure 3: Dr Haris Kontoes, NOA



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2 Scientific Program and Presentations

The topic of the scientific program was “Space Operations and Environmental Monitoring in Cyprus”. The scientific program hosted members from the EXCELSIOR consortium, stakeholders from Cyprus, the EMMENA region, as well as from partner institutions. The members of the EXCELSIOR consortium introduced the EXCELSIOR Project and presented its future plans, which aim to support the ECoE in achieving its mission⁵ and vision⁶. Cypriot stakeholders presented the state the art of the space sector in Cyprus, focusing on the environmental aspect. The stakeholders from other countries presented the know-how and existing technologies of their institutes, as well as their future plans. Their presentations provided the EXCELSIOR consortium with insights in order to identify similar interests and break new ground for the establishment of collaborations.

The extensive program of the workshop is presented in Table 1. The program was available in the website of the EXCELSIOR Project as shown in Figure 4. All presentations are openly accessible through the “KTISIS” repository of CUT and, thus, Table 4 also includes the persistent URL of each presentation.

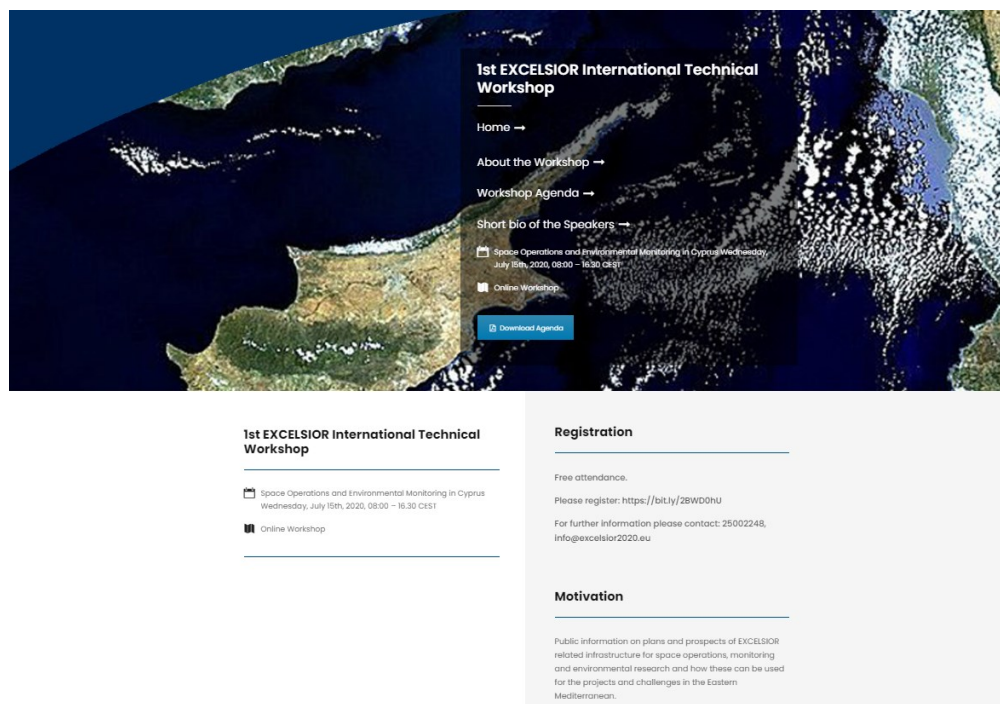


Figure 4: EXCELSIOR Website - Workshop Agenda

⁵ The mission: To upgrade the existing Eratosthenes Research Centre into a self-sustainable Centre of Excellence in EO, recognised at an International level.

⁶ The vision: Within the next seven years, the ECoE will become a world-class Digital Innovation Hub and a Research Competence Centre for Earth Observation and Geospatial Information by offering education, research, innovation and application services capable of sustaining Cyprus development and of actively contributing to the European Research Area (ERA) in Atmosphere and Climate, Resilient Society and Big Earth Data Management as well as becoming the reference EO/GI Centre for research and innovation in the EMMENA area.



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Table 1: Workshop Agenda

	Duration [min]	EXCELSIOR Intro	KTISIS hyperlink
09:00 – 09:05	5	Welcome	Click here
CYP. TIME		Diofantos HADJIMITSIS - CUT & ERATOSTHENES Centre of Excellence	
	5	Welcome	Click here
		Nikolas MASTROYIANNOPOULOS - Chief Scientist for Research & Innovation Republic of Cyprus	
	15	Brief overview of EXCELSIOR	Click here
		Kyriacos THEMISTOCLEOUS - CUT & ERATOSTHENES Centre of Excellence	
	5	What the Cyprus National Council for Research and Innovation expects from EXCELSIOR? Sustainability of the ECoE	Click here
		Andreas ANAYIOTOS - CUT & ERATOSTHENES Centre of Excellence	
	5	Cyprus Activities in Space	Click here
		Stelios TZIORTZIS - Department of Electronic Communications, Deputy Ministry of Research, Innovation and Digital Policy	
	5	Intro to the topic: What would be advantages and challenges for a space related infrastructure in Cyprus?	Click here
		Gunter SCHREIER - DLR	
	5	Opportunities for Earth Observation Business in EMMENA	Click here
		Marcello MARANESI - Member of the External Advisory Board of Excelsior & ECoE	
To 9:45			
		EXCELSIOR Plans	
10:00	15	A satellite ground station for maritime security	Click here
		Egbert SCHWARZ - DLR	



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- 15 Ground-based remote sensing supersite for atmospheric/climate research, satellite calibration and support of local services** [Click here](#)

Albert ANSMANN, Johannes BÜHL, Patric SEIFERT, Ulla WANDINGER -TROPOS

- 15 Leveraging Copernicus big satellite data and space technology for societal resilience. The generation of science and innovation in the context of EXCELSIOR for the ultimate benefit of the citizens** [Click here](#)

Haris KONTOES - NOA

To 10:45

Future demands & Opportunities Part I			
11:00	15	NASA Contribution to the Eastern Med Region and to the EXCELSIOR Project & The Mediterranean Regional Information Network (MedRIN) NASA Network	Click here
		Vincent AMBROSIA - NASA	
	15	The Copernicus space segment – current and future Sentinels	Click here
		Simon JUTZ - ESA	
	15	Copernicus SEA: Security in the Eastern Med area and Space assets	Click here
		Denis BRUCKERT & Marcello MORETTI - EUSC	
	15	The AIR Center on Azores Island	Click here
		Pedro DA SILVA - AIR CENTRE - ATLANTIC INTERNATIONAL RESEARCH CENTRE	
	15	Earth Observation activities in Malta and future opportunities for collaboration with Excelsior for the benefit of Med region	Click here
		Charles GALDIES - University of Malta	

To 12:15

12:15 – 13:00		Noon Break	
Future demands & Opportunities Part II			



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13:00

- | | |
|----|---|
| 15 | CYTA - a satellite station hosting facility Click here

Antonis ANTONIOU & Soteris ALEXANDROU - CYTA |
| 15 | Opportunities for new VHR Missions Click here

George ELLIS - EUSI |
| 15 | International Ground Stations Click here

Rani HELLERMANN - RBC |
| 15 | The SoilPRO® as a new assembly to measure soil spectral information in the field over the Mediterranean region Click here

Eyal BEN-DOR - Tel Aviv University |
| 15 | Overview of the Ben-Gurion University of the Negev/The Earth and Planetary Image Facility activities with Nano satellites Click here

Aviran SADON, Dan BLUMBERG, Shimrit MAMAN - Ben-Gurion University of the Negev |
| 15 | The Greek National Observatory of Forest Fires: an example for collaboration opportunities in the Eastern Mediterranean region Click here

Ioannis GITAS - Aristotle University |
| 15 | Earth Observation Data and Services for Carbon reduced agriculture Click here

George ZALIDES - Aristotle University & I-BEC |

To 14:45

Future demands & Opportunities Part III		
Short Break		
15:15	15	Remote and in situ sensing of water combining Copernicus services with biosensor and IoT technologies Click here Antonis HADJANTONIS - CyRIC
	15	Optical communication from Space to Ground Click here Marcus KNOPP - DLR



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- 15 **CIP (Critical Infrastructure Protection): the interface between safety and security** [Click here](#)
George BOUSTRAS - EUC
- 15 **Landslide Monitoring and Susceptibility Mapping** [Click here](#)
Skevi PERDIKOU - GEOFEM
- 15 **Offshore wind power assessment around Cyprus using Sentinel-1 data** [Click here](#)
Phaedon KYRIAKIDIS - CUT & ERATOSTHENES Centre of Excellence
- 15 **Measurement of Rainfall from Space-based Platforms** [Click here](#)
Silas MICHAELIDES - ERATOSTHENES Centre of Excellence
- 15 **CyCLOPS: A Strategic Research Infrastructure Unit for Geohazards Monitoring in Cyprus and the Southeastern Mediterranean Region** [Click here](#)
Chris DANEZIS - CUT & ERATOSTHENES Centre of Excellence

To 17:00

17:00 – 17:30

Questions/ Remarks

One day prior to the workshop, a testing session was arranged with all speakers. The speakers were provided with the virtual image background, shown in Figure 5, and they were able to join online anytime, during the working hours of the 14th of July, to obtain assistance on the use of the virtual background and the ZOOM webinar platform. This was proven to be very helpful, since in this way we have avoided spending time to tackle technical issues during the workshop.



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Centre for Earth SurveiLlance and
Space-Based Monitoring Of the EnviRonment
<https://excelsior2020.eu/>



Figure 5: Virtual image background



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3 Workshop dissemination

The workshop was disseminated through the EXCELSIOR subscription list, various networks on EO and RS, as well as through the social media pages of the EXCELSIOR Project. For a more effective dissemination, a flyer invitation (shown in Figure 6) was prepared and circulated (together with additional information on the EXCELSIOR virtual workshop) to various contact points through the following networks that the EXCELSIOR consortium has established up to July 2020.

- CUT ERATOSTHENES Stakeholder hub
- DEC-MTCW Stakeholder database (more than 400 contacts)
- [NetU Group](#)
- [ARinfuse consortium](#)
- Marie Skłodowska Curie Network - established through successful proposal writing (e.g. University Sheffield, Imperial University, University of Ghent, University of Salento, University of Minho, Universidad Politecnica de Madrid, Vilnius Gediminas Technical University, Technical University of Lisbon, Technical University Gheorghe Asachi Iasi, University of Zagreb)
- [SignalGeneriX Ltd](#)
- [CyRIC](#)
- [Cyprus Association of Research and Innovation Enterprises](#)
- [PARSEC Accelerator](#)
- [EURISY](#)
- [Royal Jordanian Geographic Centre](#)
- Councillor for Northern Africa, African Association of Remote Sensing of the Environment AARSE
- PRIMA consortium (submitted proposal with ECoE as a partner)
- [Cyprus Scientific and Technical Chamber \(ETEK\)](#)
- [Cyprus Energy Regulatory Authority](#)
- Senior Advisor on MENA Affairs
- Cyprus University of Technology – School of Engineering and Technology
- [Cyprus Association of Civil Engineers](#)
- [Research Promotion Foundation](#)
- Aegean University
- Royal Center for Space Remote Sensing CRTS, Morocco
- Mediterranean Agronomic Institute of Chania: CIHEAM IAMC
- [GEO – Group on Earth Observation](#)
- [GEO-CRADLE Networking Platform](#)
- Water Development Department of Cyprus
- Forestry Department of Cyprus
- [I-BEC - Interbalkan Environment Centre](#)
- Aristotle University of Thessaloniki
- Department of Meteorology, Cyprus



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- [National Centre for Remote Sensing Lebanon](#)
- [MedRIN – Mediterranean Regional Information Network](#)
- [NEREUS - Network of European Regions Using Space Technologies](#)
- [EARSel - European Association of Remote Sensing Laboratories](#)
- [Foundation for Research and Technology - Hellas \(Forth\)](#)
- [CopHub.AC – Copernicus Academy Hub for Knowledge, Innovation and Outreach](#)



ERATOSTHENES: EXcellence Research
Centre for Earth SurveiLLance and
Space-Based Monitoring Of the EnviRonment

1st virtual EXCELSIOR International Technical Workshop

REGISTRATION
<https://excelsior2020.eu/>

15 JULY 2020 WEDNESDAY 8:00-16:30 CEST

Space Operations and Environmental Monitoring in Cyprus

CONSORTIUM
Cyprus University of Technology, DLR, TROPOS, DEC

Figure 6: Workshop invitation

To promote the speakers individually and inform the audience know about the background of each speaker, individual promotional flyers were prepared for each speaker; these promotional flyers are presented in Appendix A.

On the 2nd of July 2020 (i.e. ca. 2 weeks before the workshop), a preliminary invitation was sent together with the draft agenda to all subscribed e-mail addresses of the EXCELSIOR website. The e-invitation (presented in Appendix B) was also available online⁷ through a digital marketing platform. Additionally, the workshop was disseminated on a daily basis through social media; some indicative

⁷ <https://mailchi.mp/51b23874672b/mark-your-calendar-excelsior-workshop>



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analytics about our posts are provided in Figures 7 to 10. The event was also announced in the homepage of the EXCELSIOR [webpage](#). More posts from the EXCELSIOR Project social media pages are available in Appendix C of this deliverable report.

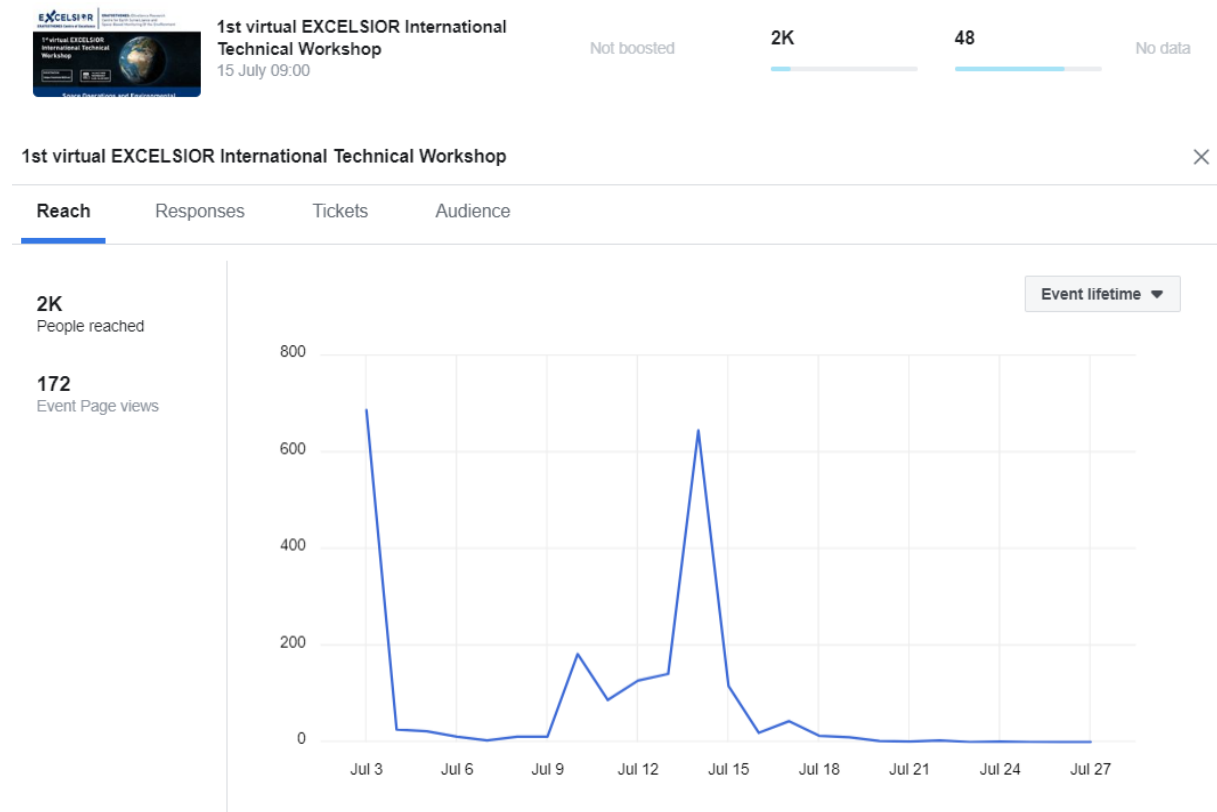


Figure 7: Facebook Event Analytics



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16/07/2020 12:10	? Missed our First International Virtual Workshop? We've got			203		17 16		Boost post
15/07/2020 22:00	The EXCELSIOR team wishes to express sincere thanks and			1.6K		61 49		Boost post
15/07/2020 13:46	? Forgot to register and still want to join? Visit our webpage, register			214		22 8		Boost post
15/07/2020 10:39	? Forgot to register and still want to join? Visit our webpage, register			552		22 22		Boost post
15/07/2020 02:40	Only 7 hours left for our first International Technical Workshop			262		83 18		Boost post
13/07/2020 16:44	Only 2 days left for our first International Technical Workshop			163		13 10		Boost Event
13/07/2020 01:43	ΔΕΘΝΕΣ ΔΙΑΔΙΚΤΥΑΚΟ ΕΡΓΑΣΤΗΡΙΟ ΓΙΑ			265		22 13		Boost post
12/07/2020 13:27	More than 25 Speakers! First Virtual Excelsior H2020			229		11 15		Boost post
11/07/2020 12:20	Proud to have high level speakers in the Excelsior			207		4 6		Boost post
01/07/2020 23:38	First Virtual #International #Technical			6.8K		221 89		Boost post

Figure 8: Facebook posts analytics

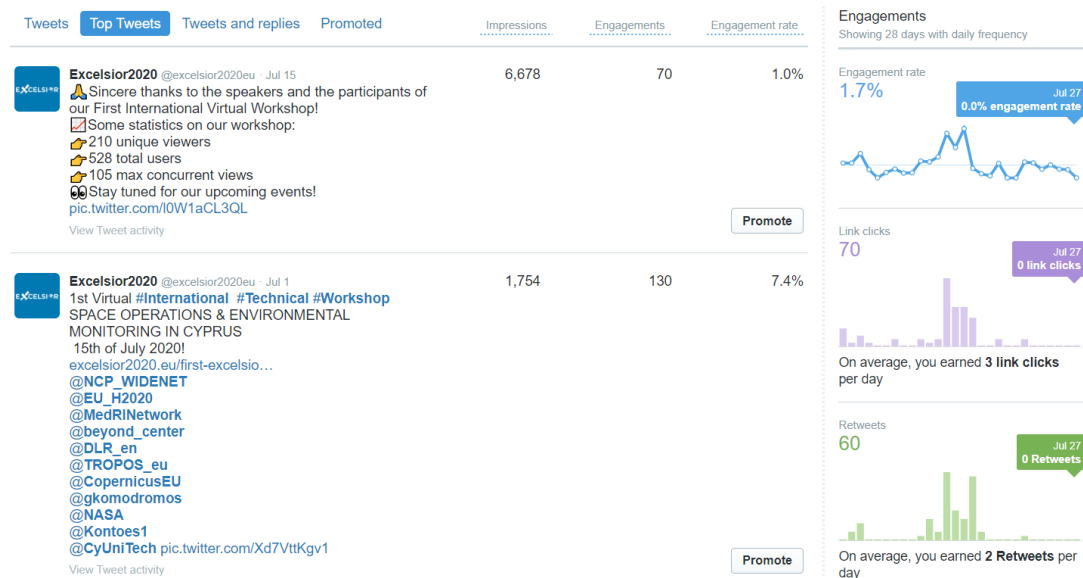


Figure 9: Top Tweets of July 2020



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Top mention earned 101 engagements

 **Group on Earth Observations (GEO)**

@GEOSEC2025 · Jul 13

On 15 July @excelsior2020eu is hosting the First Virtual International Workshop on '#Space Operations and Environmental Monitoring in #Cyprus.' Receive free attendance with your pre-registration here: [excelsior2020.eu/first-excelsior...](https://excelsior2020.eu/first-excelsior-workshop) #EO4Impact pic.twitter.com/hCBD5HsZv8



15 21

[View Tweet](#)

Figure 10: Top mention in Twitter for July 2020



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4 Stakeholder attendance

The registration to the EXCELSIOR workshop was free and possible through “Microsoft Forms”. The registration form had the format shown in Figure 11. All registered participants received an [e-mail⁸](#) [confirmation](#) with the invitation link to the workshop. The final list of the registered participants is found in the Appendix C. Using the Microsoft Form, 308 people from 41 countries around the world registered to attend the workshop (Figure 12). The number of registrations per country are shown in Table 2, with the shaded blue box indicating participants from the EMMENA region.

The screenshot shows a Microsoft Forms registration page for the '1st EXCELSIOR International Technical Workshop'. The header is blue with white text. The main content area is white with blue text and input fields. The form includes fields for Name, Surname, Organisation, Email, and a Question / Special Request. A 'Submit' button is at the bottom.

RSVP
Please let us know if you will be able to attend

1st EXCELSIOR International Technical Workshop
Wednesday, July 15th, 2020, 08:00 – 16:30 CEST

Title: Space operations and environmental monitoring in Cyprus

Description: Public information on plans and prospects of EXCELSIOR related infrastructure for space operations, monitoring and environmental research and how these can be used for the projects and challenges in the Eastern Mediterranean.

The Workshop is organized by EXCELSIOR.

* Required

1. Name *

Enter your answer

2. Surname *

Enter your answer

3. Organisation *

Enter your answer

4. Email *

Enter your answer

5. Question / Special Request

Enter your answer

Submit

Figure 11: Workshop online registration form

⁸ <https://mailchi.mp/cd898de919ee/mark-your-calendar-excelcior-workshop-2017729>



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Table 2: Registrations per country

Registered Attendees per country (308)					
Belgium (1)	Lebanon (1)	Russia (1)	China (2)	Tunisia (2)	Pakistan (5)
Cameroon (1)	Malta (1)	Serbia (1)	Nigeria (2)	France (3)	UK (5)
Canada (1)	Mexico (1)	Singapore (1)	Peru (2)	Indonesia (3)	Germany (15)
Croatia (1)	Morocco (1)	Sri Lanka(1)	Portugal (2)	USA (3)	India (32)
Czechia (1)	Nepal (1)	Uganda (1)	Romania (2)	Bangladesh (4)	Greece (45)
Egypt (1)	New Zealand (1)	Uzbekistan (1)	South Korea (2)	Italy (4)	Cyprus (123)
Iraq (1)	Norway (1)	Bulgaria (2)	Spain (2)	Israel (5)	Unknown (23)

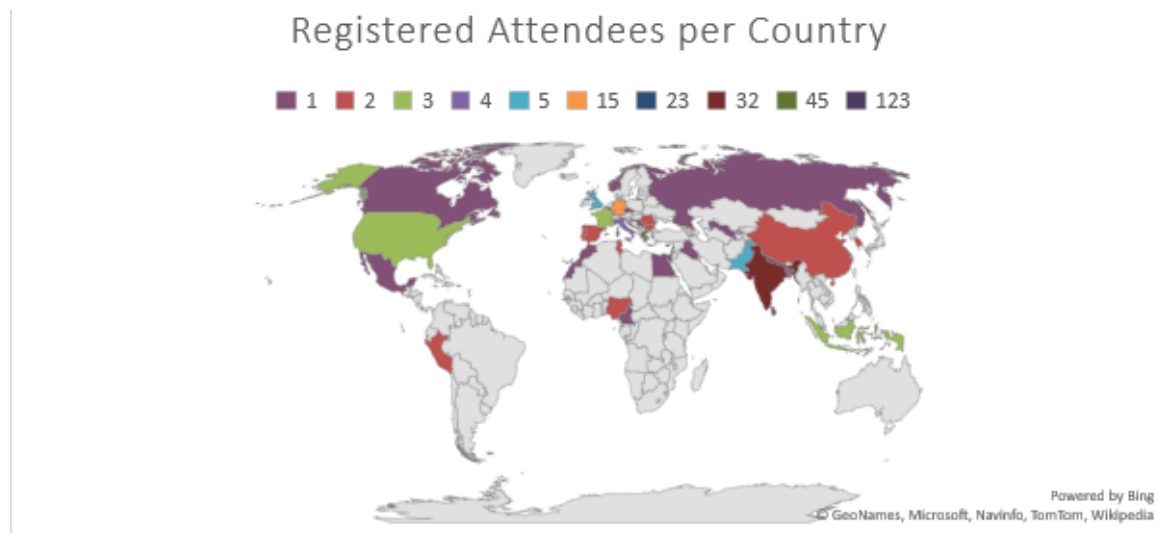


Figure 12: Map of the registrations per country

Table 3 presents the number of attendees per country while Figure 13 shows the map of the attendees; overall, 210 people from 35 countries attended the workshop. It is worth noting that the attendees included people from 8 countries of the EMMENA region (shaded blue boxes in Table 3).

Table 3: Attendees per Country

Attendees (210)					
Belgium (1)	Indonesia (1)	Norway (1)	United Arab Emirates (1)	Spain (2)	Israel (6)
Cameroon (1)	Jordan (1)	Peru (1)	Uzbekistan (1)	United Kingdom (2)	Germany (14)
Croatia (1)	Lebanon (1)	Portugal (1)	Czechia (2)	Bulgaria (3)	India (15)
Denmark (1)	Malta (1)	Romania (1)	Italy (2)	Pakistan (3)	Greece (42)
Egypt (1)	Myanmar (1)	Singapore (1)	Nepal (2)	United States of America (3)	Cyprus (85)
France (1)	Nigeria(1)	Tanzania (1)	Netherlands (2)	Bangladesh (4)	Unknown (3)



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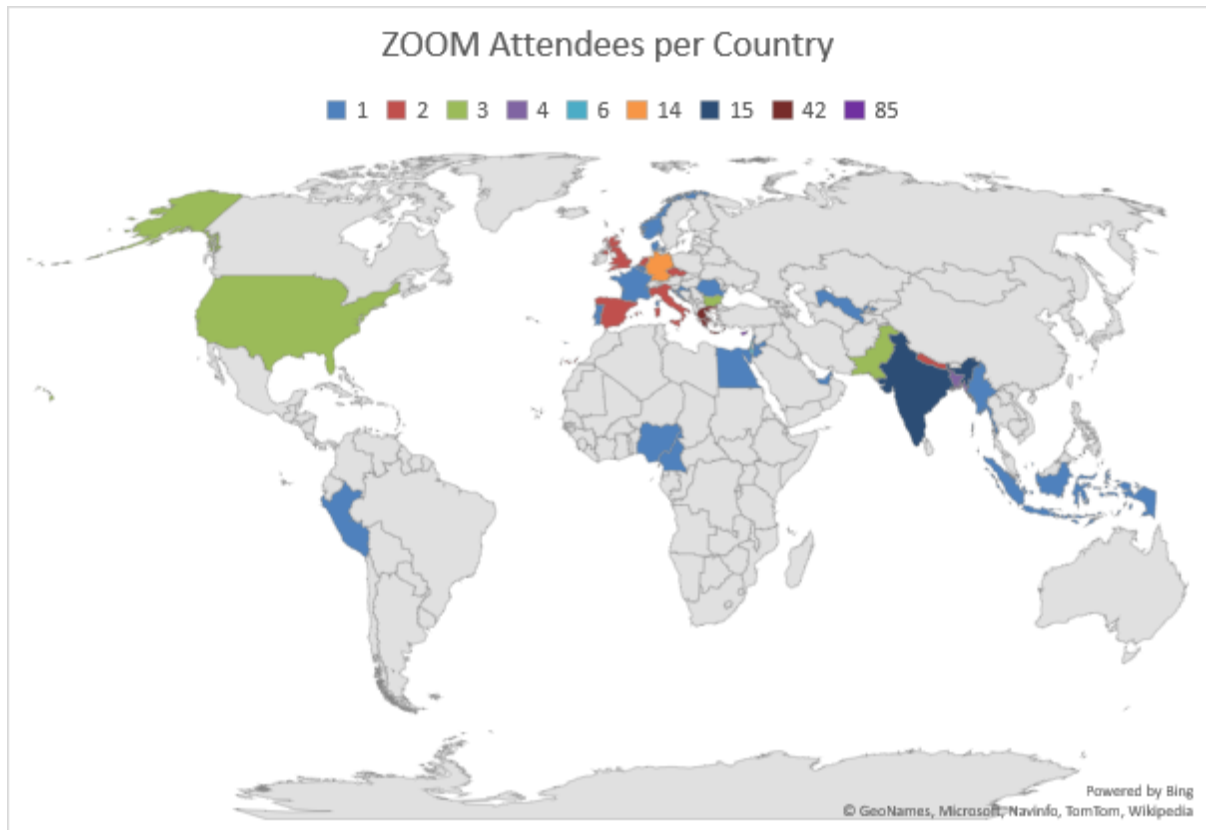


Figure 13: Map of the ZOOM attendees per Country

4.1 National stakeholders

The registered national Stakeholders that attended the workshop are presented in Table 4. There were 123 registrations from Cyprus, coming from 66 different organizations and, based on the ZOOM statistics report, 85 Cypriot Nationals and/or Residents attended the workshop.

Table 4: National Stakeholders

Organisation
Department of Electronic Communications
Cyprus University of Technology
Lands & Surveys Department
Gis Surveyor
Cyl
CyRIC
Cyta
DLS, Cartography Branch
Geolmaging Ltd
ATLANTIS Environment and Innovation
Hellas-Sat
Research and Innovation Foundation



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RIF
Cyprus Agricultural Payments Organisation
FREDERICK RESEARCH CENTER/ Frederick University
Hystore Tech Ltd
Holy Bishopric of Limassol
University
SJTU
Geofem Ltd.
Kition Planetarium and Observatory
National Technical University of Athens
CAPO
DEPARTMENT OF FISHERIES AND MARINE RESEARCH
Cyprus Police Telecommunications Branch
Mikati Partners
ENVIRONMENTAL EDUCATION CENTER OF PANAGIA, MINISTRY OF EDUCATION
ORION
Dep Lands and Survey
DEC
Novatex solutions ltd
Research and Innovation Foundation
SBLA
University of Cyprus
CERIDES- Excellence in Innovation and Technology, European University Cyprus
KPMG
Frederick University
CELLOCK
University of Nicosia
NIREAS
DIs
Department of Fisheries and Marine Research, Cyprus
The Cyprus Institute
Cyprus School of Molecular Medicine, Cyprus Institute of Neurology and Genetics
Cyprus Civil Defence
Deputy Ministry of Research, Innovation and Digital Policy
CMP (committee on missing persons in Cyprus)
Alpha bank
Hellenic Technical Enterprises Ltd
INNOVATION CONSULTANT
Chief Scientist for Research & Innovation Republic of Cyprus
Middle east technical university



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MoF
The Cyprus Institute
European University Cyprus
Revalue It
ADDITESS LTD
ERATOSTHENES Centre of Excellence
GEOFEM
Department of Electronic Communications of the Deputy Ministry of Research, Innovation and Digital Policy
1010 Asteroskopeion Ltd
Floros Panteli Associates L.L.C Consulting Engineers
RISE
Cablenet
Offshore Monitoring Ltd.
Politis newspaper

4.2 EMMENA and International stakeholders

The list of stakeholders from the EMMENA region is shown in Table 5, while Figure 14 presents a map with these countries. From Cyprus, there were in total 123 registrations from 66 organizations, while from Greece, there were 45 registrations from 10 organizations. The number of organizations that registered from the rest of the EMMENA region ranged between 1 and 2 per country.

Table 5: Stakeholders from the EMMENA Region

Organisation	Country	No. of Organisations
Narss	Egypt	1
Freelance Environmental Specialist	Iraq	1
United Nation - ESCWA	Lebanon	1
Institute of Earth Systems, University of Malta	Malta	1
University Sultan Moulay Slimane	Morocco	1
Ben-Gurion University of the Negev	Israel	2
Tel-Aviv University		
AVIONAV	Tunisia	2
The Institute of Arid Regions of Medenine (IRA-Tunisia)		
Aristotle University of Thessaloniki	Greece	10
Mediterranean Agronomic Institute of Chania		
National Observatory of Athens		
Harokopio University of Athens		
OHB Hellas		
AGRICULTURAL UNIVERSITY OF ATHENS		



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Interbalkan Environment Center		
Centre for Research and Technology Hellas, Information Technologies Institute		
University of the Aegean		
EKPA		
Department of Electronic Communications		
Cyprus University of Technology		
Lands & Surveys Department		
Gis Surveyor		
Cyl		
CyRIC		
Cyta		
DLS, Cartography Branch		
Geolmaging Ltd		
ATLANTIS Environment and Innovation		
Hellas-Sat		
Research and Innovation Foundation		
RIF		
Cyprus Agricultural Payments Organisation		
FREDERICK RESEARCH CENTER/ Frederick University		
Hystore Tech Ltd		
Holy Bishopric of Limassol		
University		
SJTU	Cyprus	66
Geofem Ltd.		
Kition Planetarium and Observatory		
National Technical University of Athens		
CAPO		
DEPARTMENT OF FISHERIES AND MARINE RESEARCH		
Cyprus Police Telecommunications Branch		
Mikati Partners		
ENVIRONMENTAL EDUCATION CENTER OF PANAGIA, MINISTRY OF EDUCATION		
ORION		
Dep Lands and Survey		
DEC		
Novatex solutions Ltd		
Research and Innovation Foudnation		
SBLA		
University of Cyprus		
CERIDES- Excellence in Innovation and Technology, European University Cyprus		



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Frederick University		
CELLOCK		
University of Nicosia		
NIREAS		
DIs		
Department of Fisheries and Marine Research, Cyprus		
The Cyprus Institute		
Cyprus School of Molecular Medicine, Cyprus Institute of Neurology and Genetics		
Cyprus Civil Defence		
Deputy Ministry of Research, Innovation and Digital Policy		
CMP (committee on missing persons in Cyprus)		
Alpha bank		
Hellenic Technical Enterprises Ltd		
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RISE		
Cablenet		
Offshore Monitoring Ltd.		
Politis Newspaper		



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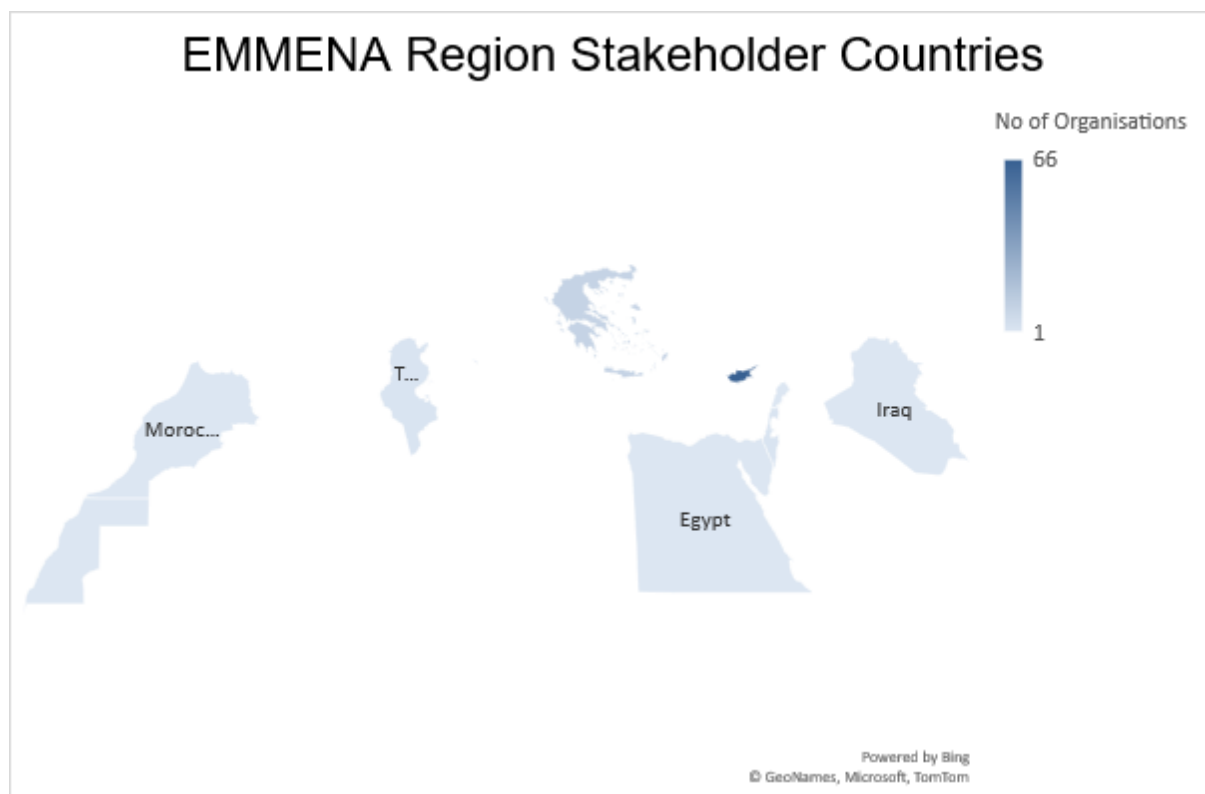


Figure 14: EMMENA Region Stakeholder Countries



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6 Discussion and Conclusions

The First Virtual International Workshop of EXCELSIOR exceeded the expectations of the consortium in terms of attendance, both from the audience as well as from the speakers' engagement. The high level of the speakers attracted a respectful number of attendees. The wide dissemination of the workshop gathered participants from many countries, and most importantly, not only people who are already aware of the EXCELSIOR Project, but also people who joined the workshop in order to be informed about the project.



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Appendix A – Promotional flyers



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DAN BLUMBERG

Ben Gurion University of the Negev

Head of the Earth and Planetary Image
Facility



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Leibniz Institute for
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European Centre for
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DENIS BRUCKERT
EUSC

Denis Bruckert is the Head of Copernicus Unit at the European Union Satellite Centre (EU SatCen) since 2004. His work is principally focused on the definition and implementation of the EU SatCen role(s) in the EU Copernicus Space Programme. In addition and always related to Copernicus, he is also in charge of other SatCen Capability Development activities such as Maritime Surveillance and Border Surveillance in cooperation with the EU Commission. Mr. Bruckert holds a Ph.D. in Remote Sensing obtained at Strasbourg University in 1996.



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PEDRO DA SILVA

AIR CENTRE – (ATLANTIC INTERNATIONAL
RESEARCH CENTRE)



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European Space Imaging GmbH



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A full professor at the Tel Aviv University (TAU) and was the chair of the Geography and Human Environment Department at Tel-Aviv University from 2005-2009 and again from 2012-2015



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DLR

Deputy Director
German Remote Sensing Data Center



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RANI HELLERMAN
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Vice President of International Business
at RBC Signals since 2015



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HARIS KONTOES

National Observatory of Athens



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MARCELLO MORETTI
EUSC

Marcello Moretti is a former officer of the Italian Navy, where he served from 1981 to 2003, serving on board of several warships and in naval and defence intelligence services.

He has been working on imagery and intelligence analysis since 1994 at operational and strategic levels.

He joined European Union Satellite Centre in 2003, as Data Manager, responsible for the imagery and collateral data acquisition and management.

From 2011 he works in the Operation Division as Operations Manager, assuming responsibility for the management of information requests and the validation of the resulting intelligence products.

During this period, he has assumed leadership of the operational activities of the Copernicus External Action Service, as well as support to EU Missions Atalanta and Sophia, and international organisations such as UN and OPCW.



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MARCELLO MARANESI

International business experience in
Geo-Spatial Information and Earth
Observation. Independent consultant.



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MARCELLO MARANESI

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Geo-Spatial Information and Earth
Observation. Independent consultant.



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**NIKOLAS
MASTROYIANNOPOULOS**

Chief Scientist for Research & Innovation



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SIMON L. G. JUTZ
ESA

Head of ESA's Copernicus Space Office since April 2014, responsible for coordinating ESA's Copernicus activities and liaising with the European Union/European Commission, national bodies, industry, and ESA delegations



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SKEVI PERDIKOU
GEOFEM

GEOFEM



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VINCENT AMBROSIA
NASA

Associate Program Manager, NASA Applied Science Program, Earth Science Division, Science Mission Directorate since 2013; Responsible for management of a portfolio of Applied Science Program efforts, specifically focused on Earth Observations for Wildland Fire Science and Applications.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 857510



This project has received funding from the Government of the Republic of Cyprus through the Directorate General of the European's Programmes Coordination and Development

CONSORTIUM





This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 857510.

This project has received funding from the Government of the Republic of Cyprus through the Directorate General for the European Programmes, Coordination and Development.



ERATOSTHENES: EXcellence Research Centre for Earth SurveiLLance and Space-Based Monitoring Of the EnviRonment

1st virtual EXCELSIOR International Technical Workshop



REGISTRATION
<https://excelsior2020.eu/>

15 JULY 2020
WEDNESDAY
8:00-16:30 CEST

Space Operations and Environmental Monitoring in Cyprus



VINCENT AMBROSIA NASA

Associate Program Manager, NASA Applied Science Program, Earth Science Division, Science Mission Directorate since 2013; Responsible for management of a portfolio of Applied Science Program efforts, specifically focused on Earth Observations for Wildland Fire Science and Applications.



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CONSORTIUM



Cyprus University of Technology



TROPIS
Leibniz Institute for Tropospheric Research





This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 857510.

This project has received funding from the Government of the Republic of Cyprus through the Directorate General for the European Programmes, Coordination and Development.



ERATOSTHENES: EXcellence Research
Centre for Earth SurveiLLance and
Space-Based Monitoring Of the EnviRonment

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15 JULY 2020
WEDNESDAY
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Space Operations and Environmental Monitoring in Cyprus



GEORGE ZALIDES

Aristotle University & I-BEC



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 857510



This project has received funding from the Government of the Republic of Cyprus through the Directorate General for the European's Programmes Coordination and Development

CONSORTIUM



Cyprus
University of
Technology



TROPIS
Leibniz Institute for
Tropospheric Research





This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 857510.

This project has received funding from the Government of the Republic of Cyprus through the Directorate General for the European Programmes, Coordination and Development.



Appendix B – E-invitation



Mark your calendar for the 15th of July 2020!

Topic: Space Operations and Environmental Monitoring in Cyprus

Time: 08:00 - 16:30 CEST

Online Workshop ([click here to register](#))

Confirmed speakers:

- Diófantos HADJIMITSIS - Cyprus University of Technology (CUT) & ERATOSTHENES Centre of Excellence (ECoE)
- Nikólaos MASTROYIANNPOULOS - Chief Scientist for Research & Innovation Republic of Cyprus
- Kyriacos THEMISTOCLEOUS - Cyprus University of Technology (CUT) & ERATOSTHENES Centre of Excellence (ECoE)
- Andreas ANAYIOTIS - Cyprus University of Technology (CUT)
- George KOMODROMOS - Department of Electronic Communications (DEC), Deputy Ministry of Research, Innovation and Digital Policy
- Gunter SCHREIER - German Aerospace Center (DLR)
- Marcello Maranesi - Member of the External Advisory Board of Excelsior & ERATOSTHENES Centre of Excellence (ECoE)
- Egbert SCHWARZ - German Aerospace Center (DLR)
- Pedro DA SILVA - ATLANTIC INTERNATIONAL RESEARCH CENTRE (AIR CENTRE)
- Albert ANSMANN, Johannes BÖHL, Patric SEIFERT, Ulla WANDINGER- Leibniz Institute for Tropospheric Research (TROPOS)
- Haris KONTOES - National Observatory of Athens (NOA)
- Vincent AMBROSIA - National Aeronautics and Space Administration (NASA)
- Simon JUTZ - European Space Agency (ESA)
- Denis BRUCKERT & Marcello MORETTI - European Union Satellite Centre (EUSC)
- Marcus KNOPP - German Aerospace Center (DLR)
- Panayiotis PHILIMIS - Cyprus Research and Innovation Centre Ltd (CyRIC)
- George BOUSTRAS - European University Cyprus (EUC)
- Silevi Perdika - GEOFEM
- Antonis ANTONIOU & Soteris ALEXANDROU - Cyprus Telecommunications Authority (CYTA)
- George ELLIS - European Space Imaging (EUSI)
- Eyal BEN-DOR - Tel Aviv University
- Dan BLUMBERG - Ben-Gurion University of the Negev
- Ioannis GITAS - Aristotle University Thessaloniki (AUTH)
- George ZAUIDES - Aristotle University Thessaloniki (AUTH) & I-BEC
- Charles GULDIES - University of Malta
- Phaedon KYRIAKIDIS - Cyprus University of Technology (CUT) & ERATOSTHENES Centre of Excellence (ECoE)
- Silas MICHAELIDES - ERATOSTHENES Centre of Excellence (ECoE)
- Chris DANEZIS - Cyprus University of Technology (CUT) & ERATOSTHENES Centre of Excellence (ECoE)

Find Out More

ERATOSTHENES: Excellence Research Centre for Earth Surveillance and Space-Based Monitoring Of the Environment

1st virtual EXCELSIOR International Technical Workshop

REGISTRATION
<https://excelsior2020.eu/>

15 JULY 2020 WEDNESDAY
8:00 - 16:30 CEST

Space Operations and Environmental Monitoring in Cyprus

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The project has received funding from the Government of the Republic of Cyprus through the Directorate General for the European Programmes, Coordination and Development

CONSORTIUM



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This project has received funding from the Government of the Republic of Cyprus through the Directorate General for the European Programmes, Coordination and Development.



Appendix C – Social media posts

EXCELSIOR
July 1 · 🌐

👤 👤 👤 👤 👤

First Virtual #International #Technical #Workshop
SPACE OPERATIONS & ENVIRONMENTAL MONITORING IN CYPRUS...
[See More](#)

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ERATOSTHENES: EXcellence Research
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Workshop**

REGISTRATION
<https://excelsior2020.eu/>

**15 JULY 2020
WEDNESDAY
8:00-16:30 CEST**

**Space Operations and Environmental
Monitoring in Cyprus**

CONSORTIUM
Cypus University of Technology DLR TROPIS DEC

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 857510

This project has received funding from the Government of the Republic of Cyprus through the Directorate General for the European Programmes, Coordination and Development

👍 Maria Prodromou, Μαρίνα Πεκρή and 23 others 13 Shares



This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 857510.



This project has received funding from the Government of the Republic of Cyprus through the Directorate General for the European Programmes, Coordination and Development.



**EXCELSIOR** added an event.
July 3 · 🌐

**EXCELSIOR**
ERATOSTHENES Centre of Excellence

ERATOSTHENES: EXcellence Research
Centre for Earth SurveiLLance and
Space-Based Monitoring Of the EnviRonment

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REGISTRATION
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 15 JULY 2020
WEDNESDAY
8:00-16:30 CEST

WED, JUL 15

**1st virtual EXCELSIOR International Technical
Workshop**

 Going ▼

 Maria, Alexandros and 4 friends


 You, Maria Prodromou, Michalis Loullis and 13 others




This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 857510.


This project has received funding from the Government of the Republic of Cyprus through the Directorate General for the European Programmes, Coordination and Development.




**EXCELSIOR**
July 11 · 🌐



Proud to have high level speakers in the Excelsior Workshop!




First Virtual Excelsior H2020 Teaming International Workshop
'Space Operations and Environmental Monitoring in Cyprus'
Wednesday July 15th 2020, 08:00 – 16:30 CEST
09: 00-17.30 CYP.TIME


The 'EXCELSIOR' H2020 Teaming Project Consortium and the ERATOSTHENES Centre of Excellence (ECoE) organize the First Virtual International Workshop on 'Space Operations and Environmental Monitoring in Cyprus'. This Workshop is a part of the annual workshops that will be organized on a yearly basis, with the participation of all national, EMMENA and international stakeholders and addressing all the different activities of the ECoE, i.e., infrastructure, research, education and innovation through entrepreneurship

Motivation: Public information on plans and prospects of EXCELSIOR related infrastructure for space operations, monitoring and environmental research and how these can be used for the projects and challenges in the Eastern Mediterranean.

More info:

<https://excelsior2020.eu/first-excelsior-technical-workshop/>



Registration Form:

Free attendance via Internet. Please register through

<https://forms.office.com/Pages/ResponsePage.aspx...>

European Commission
ESA - European Space Agency
Horizon 2020, EU Funding & Framework Programme for Research & Innovation
Horizon 2020 in Cyprus
Υπουργείο Έρευνας, Καινοτομίας & Ψηφιακής Πολιτικής
Cyprus University of Technology / Τεχνολογικό Πανεπιστήμιο Κύπρου

EXCELSIOR: Grant Agreement No 857510

[Public]

56


D9.13: Report on the organisation of the annual ECoE International Workshop (RP1)



This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 857510.

This project has received funding from the Government of the Republic of Cyprus through the Directorate General for the European Programmes, Coordination and Development.



 **EXCELSIOR**
July 12 · 🌐

More than 25 Speakers!
👤👤👤👤

First Virtual Excelsior H2020 Teaming International Workshop
'Space Operations and Environmental Monitoring in Cyprus'
Wednesday July 15th 2020, 08:00 – 16:30 CEST
09: 00-17.30 CYP.TIME

The 'EXCELSIOR' H2020 Teaming Project Consortium and the ERATOSTHENES Centre of Excellence (ECoE) organize the First Virtual International Workshop on 'Space Operations and Environmental Monitoring in Cyprus'. This Workshop is a part of the annual workshops that will be organized on a yearly basis, with the participation of all national, EMMENA and international stakeholders and addressing all the different activities of the ECoE, i.e., infrastructure, research, education and innovation through entrepreneurship

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More info:
<https://excelsior2020.eu/first-excelsior-technical-workshop/>

Registration Form:
Free attendance via Internet. Please register through
<https://forms.office.com/Pages/ResponsePage.aspx...>

Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης
European Commission
Horizon 2020, EU Funding & Framework Programme for Research & Innovation



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**EXCELSIOR**
July 13 · 🌐

 Only 2 days left for our first International Technical Workshop
 Register now and secure your place for our online event
 FREE registration
 Registration link: <https://bit.ly/2BWD0hU>

#EratosthenesCentreofExcellence
#earthobservation

**EXCELSIOR**
ERATOSTHENES Centre of Excellence

ERATOSTHENES: EXcellence Research
Centre for Earth SurveiLlance and
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**1st virtual EXCELSIOR
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Workshop**



REGISTRATION
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 **15 JULY 2020
WEDNESDAY
8.00-14.30 CEST**

WED, JUL 15

**1st virtual EXCELSIOR International Technical
Workshop**

 Maria, Alexandros and 4 friends

 You, Michalis Loullis, Anastasia Yfantidou and 7 others

✓ Going ▼



This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 857510.



This project has received funding from the Government of the Republic of Cyprus through the Directorate General for the European Programmes, Coordination and Development.





This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 857510.



This project has received funding from the Government of the Republic of Cyprus through the Directorate General for the European Programmes, Coordination and Development.



EXCELSIOR
July 15 · 🌐

? Forgot to register and still want to join?
👉 Visit our webpage, register and join now!
🌐 <https://excelsior2020.eu/>

**Upcoming Event:
1st virtual EXCELSIOR
International Technical
Workshop**

Space Operations and Environmental Monitoring in
Cyprus Wednesday, July 15th, 2020, 08:00 – 16:30 CEST

Public information on plans and prospects of EXCELSIOR related
infrastructure for space operations, monitoring and environmental
research and how these can be used for the projects and
challenges in the Eastern Mediterranean.

*Registration required
<https://bit.ly/2W6G0Hu>

[MORE INFO →](#) [JOIN NOW! ↗](#)

👍 Milto Miltiadou, Andreas Christofe and 9 others 2 Shares



This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 857510.

This project has received funding from the Government of the Republic of Cyprus through the Directorate General for the European Programmes, Coordination and Development.



EXCELSIOR
July 15 · 🌐

🙌 The EXCELSIOR team wishes to express sincere thanks and appreciation to the distinguished speakers and to all the participants of today's First International Virtual Workshop!

✅ Some statistics on today's workshop:

- ➡ 210 unique viewers
- ➡ 528 total users
- ➡ 105 max concurrent views

👁 Stay tuned for our upcoming events!

Cyprus University of Technology
National Observatory of Athens
Deutsches Zentrum für Luft- und Raumfahrt (DLR)
Leibniz-Institut für Troposphärenforschung
Research and Innovation Foundation
Horizon 2020, EU Funding & Framework Programme for Research & Innovation
European Commission
ESA - European Space Agency
NASA - National Aeronautics and Space Administration
Mediterranean Regional Information Network
Υφυπουργείο Έρευνας, Καινοτομίας & Ψηφιακής Πολιτικής
Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης

#EratosthenesCentreofExcellence
#earthobservation

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ERATOSTHENES.
Excellence Research Centre for Earth Surveillance
& Space-Based Monitoring of the Environment

1st virtual EXCELSIOR International Technical Workshop
July 15th, 2020

#excelsior2020eu

Space Operations and Environmental Monitoring in Cyprus

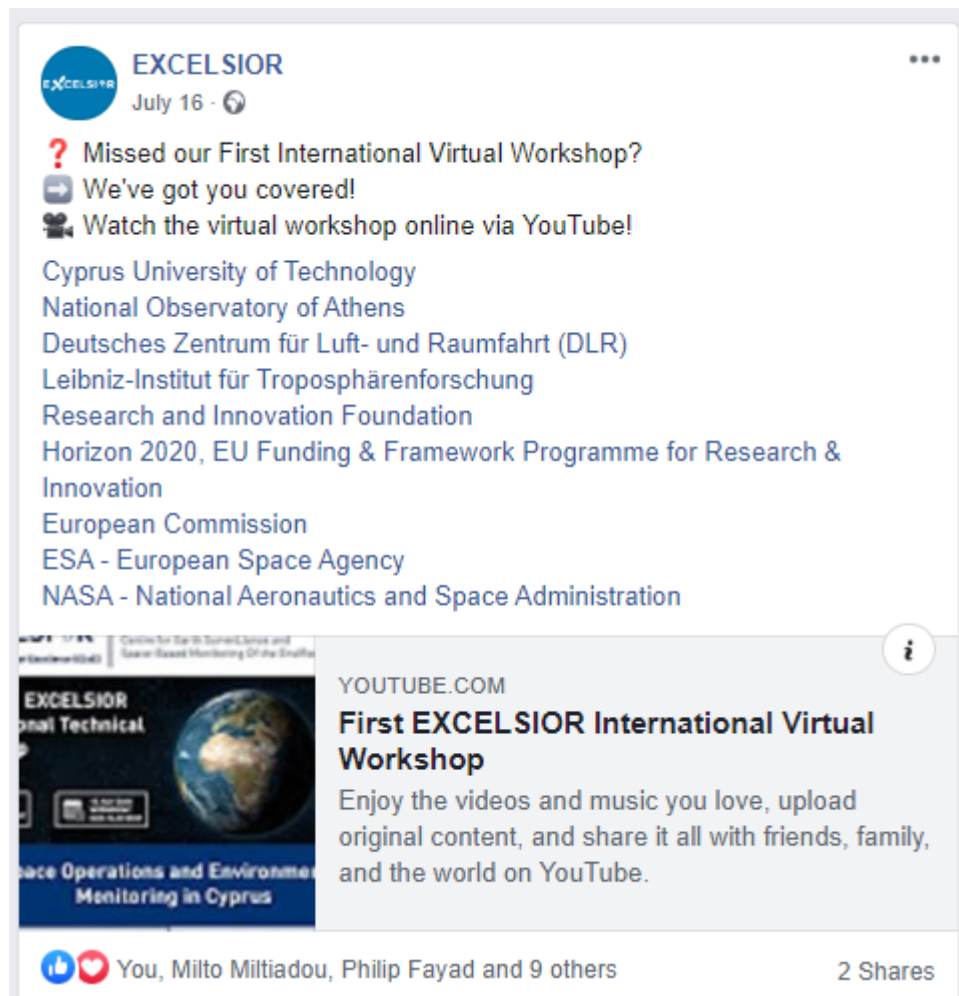
👍 You, Maria Prodromou, Michalis Loullis and 22 others

5 Shares



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Excelsior2020 @excelsior2020eu · Jul 1

1st Virtual [#International](#) [#Technical](#) [#Workshop](#)
SPACE OPERATIONS & ENVIRONMENTAL MONITORING IN CYPRUS
15th of July 2020!

excelsior2020.eu/first-excelsio...

[@NCP_WIDENET](#)
[@EU_H2020](#)
[@MedRINetwork](#)
[@beyond_center](#)
[@DLR_en](#)
[@TROPOS_eu](#)
[@CopernicusEU](#)
[@gkomodromos](#)
[@NASA](#)
[@Kontoes1](#)
[@CyUniTech](#)

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Centre for Earth SurveiLlance and
Space-Based Monitoring Of the EnviRonment

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**15 JULY 2020
WEDNESDAY
8:00-16:30 CEST**

Space Operations and Environmental

12 17



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Excelsior2020 @excelsior2020eu · Jul 9

[excelsior2020.eu/first-excelsio...](https://excelsior2020.eu/first-excelsior-workshop)
[@AIRCentre_org](#)

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ERATOSTHENES: EXcellence Research
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Space-Based Monitoring Of the EnviRnment

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WEDNESDAY
8:00-16:30 CEST

**Space Operations and Environmental
Monitoring in Cyprus**



AIR Centre -Atlantic International Research Centre @AIRC... · Jul 6

1st @excelsior2020eu International Technical Workshop:
Space Operations and Environmental Monitoring in Cyprus - 15 July

@pfreiresilva, director of the @AIRCentre_org's #EarthObservation Lab
will be presenting the work being done in the Azores....





This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 857510.

This project has received funding from the Government of the Republic of Cyprus through the Directorate General for the European Programmes, Coordination and Development.



Excelsior2020 @excelsior2020eu · Jul 9

High Level speakers at the 1st International Virtual Workshop of @excelsior2020eu !

excelsior2020.eu/first-excelsio...

15th of July 2020!

Vincent Ambrosia from @NASA and @MedRINetwork !

@EU_H2020

@CopernicusEU

@CY_Research

@CyUniTech

@NCP_WIDENET



Excelsior2020 @excelsior2020eu · Jul 1



1st Virtual #International #Technical #Workshop
SPACE OPERATIONS & ENVIRONMENTAL MONITORING
IN CYPRUS

15th of July 2020!

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Excelsior2020 @excelsior2020eu · Jul 10

First Virtual [#International](#) [#Technical](#) [#Workshop](#)

SPACE OPERATIONS & ENVIRONMENTAL MONITORING IN CYPRUS

15th of July 2020!



excelsior2020.eu/first-excelsio...

Proud to have a talk from the Chief Scientist for Research& Innovation in Cyprus [@nmastroyiann](#)

[@CyUniTech](#)

[@ResearchCy](#)





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Excelsior2020 @excelsior2020eu · Jul 10

thanks to @NEREUSaisbl for promoting our workshop.



NEREUS @NEREUSaisbl · Jul 10

1st #Excelsior International technical workshop 15 July on space operations, monitoring and environmental research in Cyprus! Register here: [forms.office.com/Pages/Response...](https://forms.office.com/Pages/Response.aspx?id=9a1b1b1b-1b1b-4b1b-1b1b-1b1b1b1b1b1b)
Info: [excelsior2020.eu/first-excelsio...](https://excelsior2020.eu/first-excelsior)



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WEDNESDAY
8:00-16:30 CEST



Space Operations and Environmental





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Excelsior2020 @excelsior2020eu · Jul 11

Proud to have Rani Hellerman from RBC signals as a speaker!.

Register now!

excelsior2020.eu/first-excelsio...

@RBCSignals

@excelsior2020eu

@beyond_center

@NASA

@DLR_en

@TROPOS_eu

@gkomodromos

@CopernicusEU

@CyUniTech

@NCP_WIDENET

@EU_H2020

@EU_Commission

Workshop

REGISTRATION
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15 JULY 2020
WEDNESDAY
8:00-16:30 CEST

Space Operations and Environmental Monitoring in Cyprus

 **RANI HELLERMAN**
RBC

Vice President of International Business



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This project has received funding from the Government of the Republic of Cyprus through the Directorate General for the European Programmes, Coordination and Development.



Excelsior2020 @excelsior2020eu · Jul 11



Proud to have high level speakers.

Prof. Charles Galdies @UMmalta



15/7/2020

First Virtual Excelsior H2020 Teaming International Workshop

'Space Operations and Environmental Monitoring in Cyprus'

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#Mediterranean





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Excelsior2020 @excelsior2020eu · Jul 11



Proud to have high level speakers in the Excelsior Workshop!



15/7/2020

First Virtual Excelsior H2020 Teaming International Workshop
'Space Operations and Environmental Monitoring in Cyprus'

[excelsior2020.eu/first-excelsio...](https://excelsior2020.eu/first-excelsior-workshop)



@eusatcen

Workshop

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15 JULY 2020
WEDNESDAY
9:00-16:30 CEST

Space Operations and Environmental Monitoring in Cyprus

DENIS BRUCKERT
EUSC

Denis Bruckert is the Head of Copernicus Unit at the European Union Satellite Centre (EU SatCen) since 2004. His work is





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Excelsior2020 @excelsior2020eu · Jul 12

More than 25 speakers!

First Virtual Excelsior H2020 Teaming International Workshop

'Space Operations and Environmental Monitoring in Cyprus'

Wednesday July 15th 2020

excelsior2020.eu/first-excelsio...

Free Registration!

@CopernicusEU

@EU_Commission

@EU_H2020





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Excelsior2020 @excelsior2020eu · Jul 12

More than 25 speakers!

Free attendance upon pre-registration.

First Virtual @excelsior2020eu International Workshop

'Space Operations& Environmental Monitoring in Cyprus'

15/7/20

excelsior2020.eu/first-excelsio...

@EUSPACEIMAGING

@EU_Commission

@CopernicusEU

@EU_H2020

@NCP_WIDENET





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This project has received funding from the Government of the Republic of Cyprus through the Directorate General for the European Programmes, Coordination and Development.



Excelsior2020 @excelsior2020eu · Jul 12

Join the 1st @excelsior2020eu Virtual International Workshop on 15/7/20
Free attendance upon pre-registration!

Learn about @excelsior2020eu & #EratosthenesCentreofExcellence.
excelsior2020.eu/first-excelsio...

thanks to our strategic partners @DLR_en for their support!

@DLR_de

@EU_H2020





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This project has received funding from the Government of the Republic of Cyprus through the Directorate General for the European Programmes, Coordination and Development.



Excelsior2020 @excelsior2020eu · Jul 12

Join us to come across with the Proposed Satellite Ground Receiving Station for Space Applications in #Cyprus with the support of @cytacyprus
1st Virtual International Workshop
'Space Operations& Environmental Monitoring in Cyprus' 15/7/20
[excelsior2020.eu/first-excelsio...](https://excelsior2020.eu/first-excelsior-workshop)
[@CopernicusEU](#)



EXCELSIOR
ERATOSTHENES Centre of Excellence

**1st virtual EXCELSIOR
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15 JULY 2020
WEDNESDAY
8:00-16:00 CEST

**Space Operations and Environmental
Monitoring in Cyprus**

CONSORTIUM
Cyprus University of Technology





This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 857510.

This project has received funding from the Government of the Republic of Cyprus through the Directorate General for the European Programmes, Coordination and Development.



Excelsior2020 @excelsior2020eu · Jul 13

thanks to @GEOSEC2025 for promoting our 1st Virtual Workshop!

@GEOSEC2025

@CyUniTech

@DLR_en

@TROPOS_eu

@beyond_center

@DepMinRIDcy

@nmastroyiann

@gkomodromos

@Kontoes1

 **Group on Earth Observations (GEO)** @GEOSEC2025 · Jul 13

On 15 July @excelsior2020eu is hosting the First Virtual International Workshop on '#Space Operations and Environmental Monitoring in #Cyprus.' Receive free attendance with your pre-registration here: excelsior2020.eu/first-excelsior... #EO4Impact



ERATOSTHENES: EXcellence Research
Centre for Earth SurveiLlance and
Space-Based Monitoring Of the EnviRonment

**1st virtual EXCELSIOR
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REGISTRATION
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15 JULY 2020
WEDNESDAY
8:00-16:30 CEST



Space Operations and Environmental



This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 857510.

This project has received funding from the Government of the Republic of Cyprus through the Directorate General for the European Programmes, Coordination and Development.



Excelsior2020 @excelsior2020eu · Jul 13

Only 2 days left for our first International Technical Workshop

➡ Register now and secure your place for our online event

✓ FREE registration

🔗 Registration link: bit.ly/2BWD0hU

@CopernicusEU

@EU_H2020

@EU_Commission

@JEPaquetEU

@CyUniTech

@nmastroyiann



Excelsior2020 @excelsior2020eu · Jul 1

1st Virtual #International #Technical #Workshop

SPACE OPERATIONS & ENVIRONMENTAL MONITORING IN CYPRUS

15th of July 2020!

excelsior2020.eu/first-excelsio...

@NCP_WIDENET

@EU_H2020

@MedRINetwork

@beyond_center

@DLR_en

@TROPOS_eu

@CopernicusEU

@gkomodromos

@NASA

@Kontoes1

@CyUniTech



ERATOSTHENES: EXcellence Research
Centre for Earth SurveiLlance and
Space-Based Monitoring Of the EnviRonment



This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 857510.

This project has received funding from the Government of the Republic of Cyprus through the Directorate General for the European Programmes, Coordination and Development.



Excelsior2020 @excelsior2020eu · Jul 15

Only 7 hours left for our first International Technical Workshop

➡ Register now and secure your place for our online event

✓ FREE registration

🔗 Registration link: bit.ly/2BWD0hU

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Ben-Gurion University of the Negev





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Upcoming Event: 1st virtual EXCELSIOR International Technical Workshop

Space Operations and Environmental Monitoring in
Cyprus Wednesday, July 15th, 2020, 08:00 – 16:30 CEST

Public information on plans and prospects of EXCELSIOR related
infrastructure for space operations, monitoring and environmental
research and how these can be used for the projects and
challenges in the Eastern Mediterranean.

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#SatCen Head of Copernicus Unit @DenisBruckert and Operations Manager Marcello Moretti highlight how @eusatcen and @CopernicusEU cooperate to strengthen #security in the Eastern Med area through #CopernicusSEA, at 1st virtual International Technical Workshop @excelsior2020eu



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🙏 Sincere thanks to the speakers and the participants of our First International Virtual Workshop!

📈 Some statistics on our workshop:

👉 210 unique viewers

👉 528 total users

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https://lnkd.in/e6_Gxqh

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(Zoom link will be sent only to registered participants)


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German Aerospace Center (DLR)
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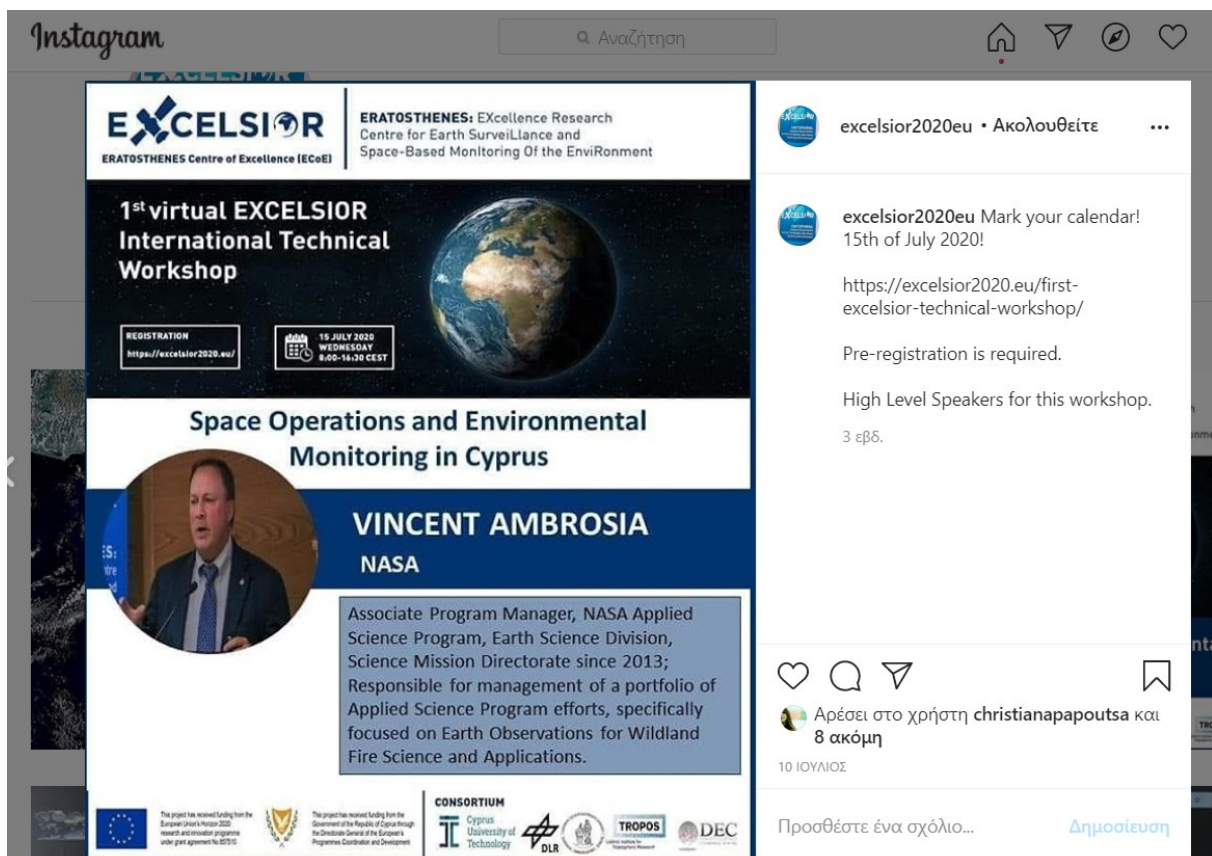
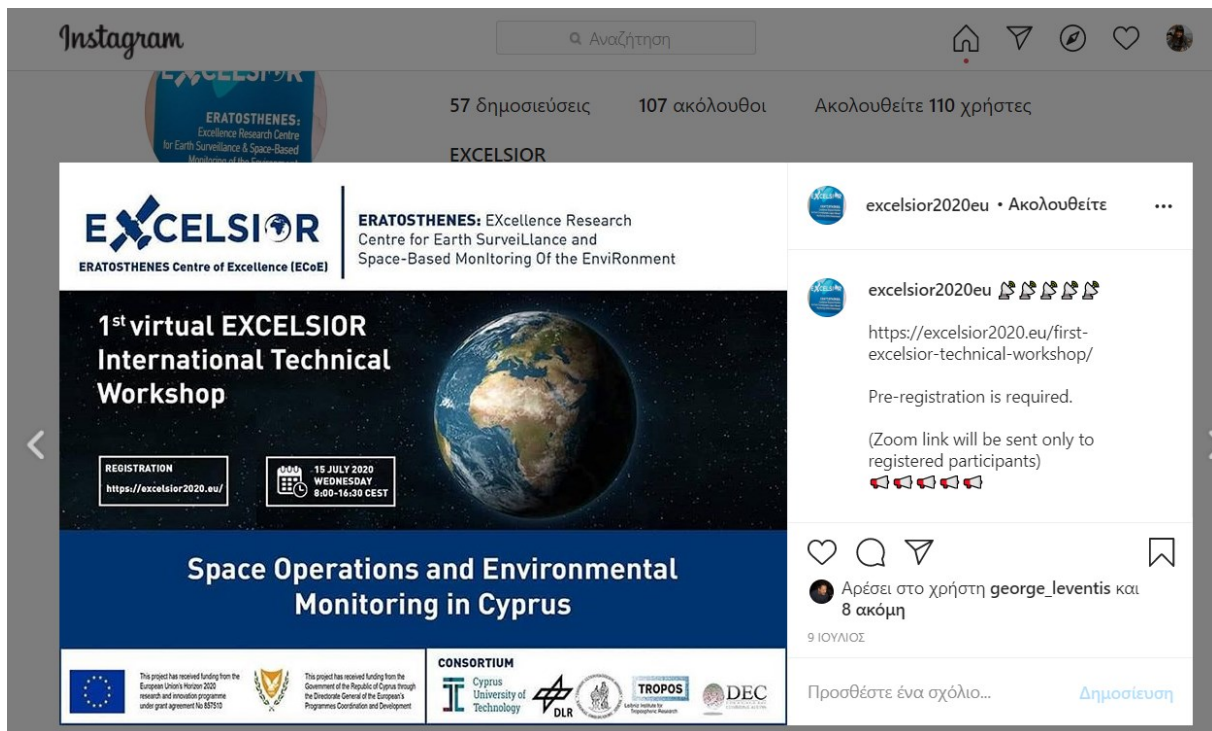
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D9.13: Report on the organisation of the annual ECoE International Workshop (RP1)



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