

NEWSLETTER

Issue #1

October 2019 – March 2020

@excelsior2020eu



Launching of the **EXCELSIOR** H2020 Teaming Phase 2 Project



The public inauguration event of the strategic research project ‘EXCELSIOR’: ERATOSTHENES: Excellence Research Centre for Earth Surveillance and space-based Monitoring of the Environment in the Eastern Mediterranean was held on the 22nd of November 2019. The event took place at the Cyprus University of Technology under the auspices of the President of the Republic of Cyprus, H.E. Mr. Nicos Anastasiades, in the presence of officials and elected personalities from the diplomatic, political and academic community of Cyprus and abroad.



Public Inauguration Event of the EXCELSIOR H2020 Teaming Phase 2 Project under the auspices of the President of the Republic of Cyprus, H.E. Mr. Nicos Anastasiades

22nd of November 2019

On the 22nd of November 2019, the Cyprus University of Technology and the EXCELSIOR Project organized the Public Inauguration of the Horizon 2020 WIDESPREAD-01-2018-2019 Teaming Phase 2 "ERATOSTHENES: Excellence Research Centre for Earth Surveillance & Space-Based Monitoring of the Environment (EXCELSIOR)" in Limassol. The event was held under the auspices of the President of the Republic of Cyprus,

H.E. Mr. Nicos Anastasiades. The President highlighted the importance of the project and congratulated the Cyprus University of Technology, the Ministry of Transport, Communications and Works, and the three world-renowned partners of the EXCELSIOR Project for their determination and efforts to submit such a proposal.



“I wish at the outset to congratulate the Cyprus University of Technology, the Ministry of Transport, Communications and Works, and the three world-renowned partners of the EXCELSIOR Project and to convey my deep appreciation for your determination and efforts to submit such an exceptional proposal, ranked in one of the top positions.”

President of the Republic of Cyprus,
H.E. Mr. Nicos Anastasiades



Honorary gift to the President of the Republic of Cyprus, H.E. Mr. Nicos Anastasiades by Gunter Schreier from DLR on behalf of DLR & the EXCELSIOR consortium during the public inauguration of the EXCELSIOR Project

President of the Republic of Cyprus, H.E. Mr. Nicos Anastasiades (left), Mr Gunter Schreier (right)

The event was also welcomed by the Rector of the Cyprus University of Technology Prof. Anayiotos, the Counselor of the German Embassy in Cyprus, Mr. Ulrich Peitz and Deputy Head of Mission of the Embassy of Greece in Cyprus, Mr. Ioannis Mallikourtis.

The representative of the European Commission's Directorate-General for Research and Innovation (DG-RTD), Mr. Stefan Weiers and the Head of Unit Spreading Excellence, Widening Participation, Science with and for Society, The Research Executive Agency (REA), Mr. Ales Fiala stated

that the EU has high expectations of the implementation and results of the program, but also of the impact on Cyprus and at European level of promoting science and innovation, which it is expected to create opportunities for economic growth. The Chief Scientist of R&I of the Republic of Cyprus, Mr. Kyriakos Kokkinos emphasized on the R&I potential of Cyprus in space-based and remote sensing technologies. The event ended with speeches from Prof. Hadjimitsis, the Consortium Partners and the members of the Advisory Board.



Mr. Antonio Vecchio, Mr. Ales Fiala, Mr. Stefan Weiers, Prof. Andreas Anayiotos, Prof. Christis Chrysostomou, Prof. Diofantos G. Hadjimitsis (from left to right)

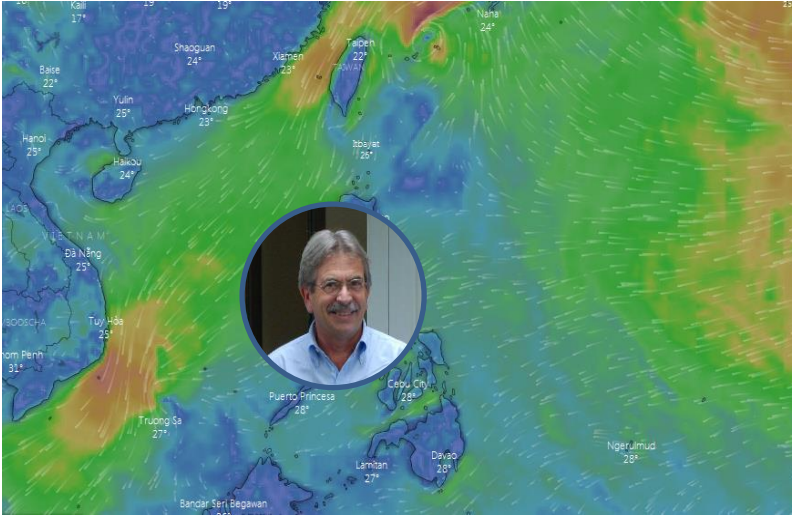


Mr. Ulrich Peitz



Mr. Ioannis Mallikourtis

The event was also welcomed by the Counsellor of Embassy of the Federal Republic of Germany in Cyprus, Mr. Ulrich Peitz and the Deputy Head of Mission of the Embassy of Greece in Cyprus, Mr. Ioannis Mallikourtis.



“The project will bring change in many aspects – new opportunities for researchers, enhanced skills development for future experts in the Earth Observation and Geoinformation sector, and beyond Cyprus EXCELSIOR can become a lighthouse for partners in Middle Eastern and Northern African countries.”

Dr. Peter Zeil (recorded speech at the event)



“I am particularly proud and honoured to be part of the advisory committee of the EXCELSIOR Project, because being part of the Earth Observation Directorate I can share with you and the partners all the expertise of the agency in this field.”

Mrs. Simonetta Cheli (recorded speech at the event)



1.



2.



3.



4.



5.

1. Mr. Vincent Ambrosia, (NASA / University of California)
2. Mr. Marcello Maranesi, (Freelance consultant with experience in space organizations such as Telespazio in Italy)
3. Prof. Lena Halounova, (Czech Technical University in Prague and ISPRS Secretary – International Society for Photogrammetry and Remote Sensing)
4. Mr. Daniel Barok, (independent Consultant with previous work experience at the ISRAEL SPACE AGENCY)
5. Professor Diofantos G. Hadjimitsis, (coordinator of the EXCELSIOR project)

The importance of the ERATOSTHENES Centre of Excellence for Cyprus and the geographical area was emphasized by representatives of the EXCELSIOR External Advisory Committee.

Honorary plaques presented to the External Advisory Board members, the Rector & Chairman of the Board of the Cyprus University of Technology and the Chief Scientist by the Minister of Transport Communications and Works Mrs. Vassiliki Anastasiadou.



Mr. Daniel Barok (left), Mrs. Vassiliki Anastasiadou (right)



Prof. Andreas Anayiotos, Mr. Kyriakos Kokkinos, Prof. Lena Halounova, Mr. Daniel Barok, Mr. Vincent Ambrosia, Mr. Marcelo Maranesi, Mr. Panikos Philippou, Mrs, Vassiliki Anastasiadou, Prof. Diofantos G. Hadjimitsis (from left to right)

EXCELSIOR stakeholder engagement workshop 22nd of November 2019

During the 3rd day of the the Kick-Off meeting, there was a stakeholder engagement Workshop. The Workshop was open to the partners, the European Commission representatives, as well as the Research Executive Agency representatives.



At the workshop, the stakeholders were informed about the EXCELSIOR stakeholder engagement and had the chance to give brief presentations about their Organizations.

The committing organizations that participated at the stakeholder Workshop are Atlantis Consulting Ltd, CYRIC, CYTA, HEXAGON, i-BEC, Aristotle University, Tel Aviv University, Department of Forests, Land Survey Department, ETEK.



EXCELSIOR Kick Off Meeting 20th - 22nd of November 2019



The EXCELSIOR consortium members, together with the EXCELSIOR External Advisory Board and the European Commission representatives in front of the Senate House of the Cyprus University of Technology

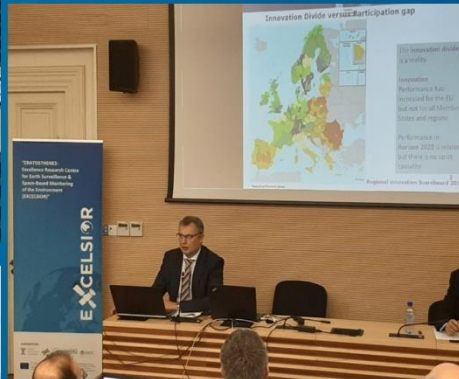






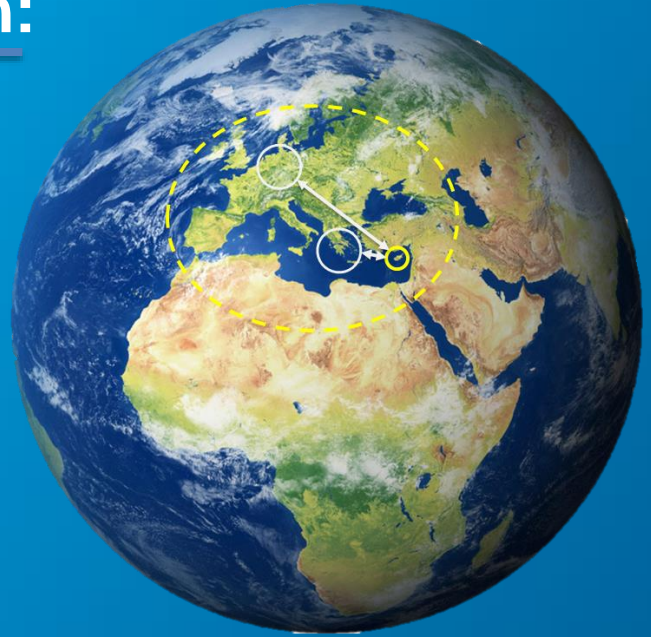
Public inauguration
of the Horizon 2020
WIDESPREAD-01-2018-201
Teaming Phase 2

“ERATOSTHENES:
Excellence Research Centre
for Earth Surveillance &
Space-Based Monitoring
of the Environment
(EXCELSIOR)”



EXCELSIOR Mission:

To upgrade the existing Remote Sensing & Geo-Environment Lab (ERATOSTHENES Research Centre), established within the Faculty of Engineering & Technology of the Cyprus University of Technology (since 2007), into a sustainable, viable and autonomous Centre of Excellence: the **ERATOSTHENES Centre of Excellence (ECoE)**



EXCELSIOR Vision:

Within the next 7 years, the ECoE will become a world-class Digital Innovation Hub (DIH) for EO and Geospatial Information becoming the reference Centre in the Eastern Mediterranean, Middle East and North Africa (EMMENA).



Cyprus
University of
Technology



Project Consortium



Coordinator: Prof.
Diofantos G. Hadjimitsis



PI: Mr. Georgios
Komodromos



PI: Dr. Haris Kontoes



PI: Mr. Gunter Schreier



Leibniz Institute for
Tropospheric Research



PI: Dr. Albert Ansmann

EXCELSIOR'S DETAILS



Funded under H2020

Pillar: Spreading excellence and widening participation

Work Programme Year: H2020-2018-2019

Work Programme Part: Spreading Excellence and Widening Participation

Call: H2020-WIDESPREAD-2018-01

Topic: WIDESPREAD-01-2018-2019-Teaming Phase 2

Type of action: CSA (Coordination and support action)

Project grant agreement No. 857510

Proposal acronym: EXCELSIOR

Total Budget: >38.000.000€ (15M€ EU & 15M€ CY-Republic of Cyprus+ 8M€ Cyprus University of Technology)

Duration: 7 years from EU+ 8 years Republic of Cyprus

Start: 01 October 2019 End: 31 September 2026

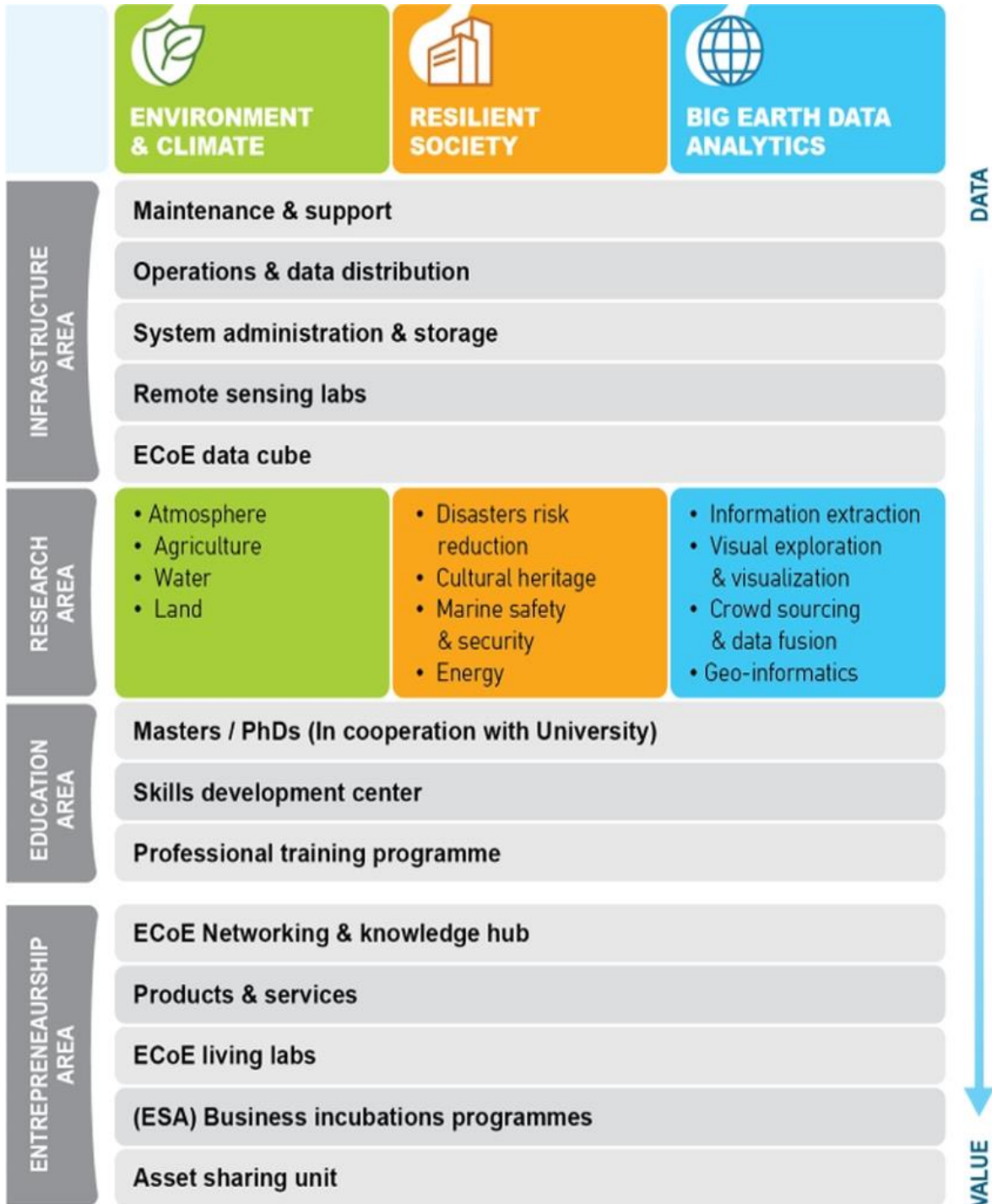


This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 857510.



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

ECoE as a regional Digital Innovation Hub (DIH) for Earth Observation (EO) in Eastern Mediterranean, Middle East and North Africa (EMMENA) adopts a two-axis model



ERATOSTHENES Centre of Excellence: To excel in five domains



Why EXCELSIOR

In our capacity as a consortium acting in the domains of Earth Observation (EO), Geospatial Information (GI) and Space Applications:

- We are motivated by the big European space programmes Galileo and Copernicus and their downstream effects on European economy and science
- We take the opportunity of the Cyprus Government investing to become full European Space Agency (ESA) member
- We are motivated by the unique location of Cyprus as the most south-eastern EU member state, within the Eastern Mediterranean area offering geoscientific, economic and social opportunities and challenges
- We are inspired from the fact the Earth Observation (EO) has been identified by ESA experts, as one of the three domains for potential future Plan for European Cooperating States projects in Cyprus
- We are aligned with the Smart Specialization Strategy for Cyprus
- We feel the responsibility since ERATOSTHENES Research Centre (ERC) is the only EO center in Cyprus
- We are stimulated from our mission to upgrade the ERC to ERATOSTHENES Centre of Excellence (ECoE)



Space-based Earth Observation where three Continents meet facing common challenges for making citizens and societies resilient to sustainable development

LATEST NEWS



EXCELSIOR joined the signing ceremony for Coordinators' Teaming projects winners in Brussels

24th of September 2019

Dr. Haris Kontoes, PI of the EXCELSIOR Project from the National Observatory of Athens (advanced partner), on behalf of the Coordinator of the EXCELSIOR Project Prof. Diofantos Hadjimitsis from the Cyprus University of Technology, joined the signing ceremony which took place on the 24th of September 2019 in Brussels. During the event, Jean-Eric Paquet, Director-General for Research and Innovation congratulated the 14 Teaming projects winners on this outstanding initiative and their contribution to bridging the research and innovation divide in Europe. Teaming projects under the Horizon 2020 Widening Programme aim at setting up and developing new centres of

excellence' in low R&I performing Member States.

Director-General Jean-Eric Paquet congratulated these winning projects, stressing the importance of autonomy and good-quality governance that they need to enjoy and sustainability plans for continuation after the grant period. Jean-Eric reminded the project coordinators and representatives from advanced partners present at the meeting of their responsibility, in partnership with the European Commission, to share their excellence with the R&I community; he encouraged them to reach out to the previous generation of Teaming projects to build on past experiences and, once in full swing, to help others being equally successful.

Iufro 2019 conference 2nd of October 2019

PhD student/Research Assistant Maria Prodromou gave a presentation on Data Fusion for improved Forest Inventories and Planning at the International Union of Forest Research Organizations conference in Brazil. Maria Prodromou had the opportunity to meet and present the EXCELSIOR project.



SilviLazer 2019 Conference 8th of October 2019

PhD student/Research Assistant Maria Prodromou attended the SilviLazer 2019 Conference in Brazil. There she gave a presentation in the development and application of laser scanning techniques to improve the understanding of forest ecosystem functioning and facilitate their sustainable management through improved forest assessment and inventory.



Public Launching Event of the Horizon 2020 - Teaming Project 'EMME-CARE' 8th of October 2019

EXCELSIOR team members attended the Public Launching Event of the Horizon 2020 - Teaming Project "EMME-CARE: Eastern Mediterranean Middle East - Climate and Atmosphere Research Centre". The event took place at the premises of the Cyprus Institute in Nicosia, Cyprus.



Presentation of the EXCELSIOR Project 15th of October 2019

Dr. Kyriacos Themistocleous gave a presentation of the EXCELSIOR Project to M.Sc. students in Geoinformatics & Geospatial Technologies of the Department of Civil Engineering and Geomatic (CUT) in order to promote and familiarize them with the main idea and purpose of the project.



EXCELSIOR meets the Department of Lands and Surveys 16th of October 2019

A meeting with the Director of the Department of Lands and Surveys of the Cyprus Republic and his team members was organised by the EXCELSIOR team members of the Cyprus University of Technology aiming to further discuss and organised future actions for collaboration between the two entities as well as to discuss the letter of commitment. The meeting took place on the 16th of October 2019, in Nicosia, Cyprus at the premises of the Department of Lands and Surveys. The Director of the Department of Lands and Surveys Mr. Andreas Socratous and his team members, the Coordinator of the EXCELSIOR Project Professor Diofantos Hadjimitsis and the team members Assistant Professor Christodoulos Danezis and Dr. Kyriakos Themistocleous attended the meeting.



Participation at the stakeholder presentations of regarding the 6 Centres of Excellence through the H2020 project 17th of October 2019

Members of the EXCELSIOR team participated at the stakeholder presentations of regarding the 6 Centres of Excellence through the H2020 project which took place at the Multipurpose room at the Ministry of Finance in Nicosia, Cyprus on the 17th of October 2019. The event was organized by the Office of Chief Scientist and was an initiative by Mr. Kyriacos Kokkinos who is the National Chief Scientist for Research & Innovation, Republic of Cyprus.



The aim of the event was to gather all the priorities and needs of the 6 Centres of Excellence so as to support them related to several administrative issues as well as to promote the collaboration between the Centres of Excellence which can further assist to put Cyprus on the map as a regional innovation centre and highlighted the benefits of investing in Research and Innovation in a country level.

Meeting with director of VODA.ai regarding detection of water leaks in water utility systems using space technology

17th of October 2019

Members of the EXCELSIOR team met with Mr. George Demosthenous, CEO of VODA.ai, regarding collaboration between VODA.ai and ERATOSTHENES Centre of Excellence in the framework of the EXCELSIOR Teaming Phase 2 H2020 Project. The meeting took place on the 17th of October 2019 at the Ministry of Finance in Nicosia, Cyprus. The meeting was organised by Dr. Leda Skoufari-Themistou, Scientific Officer at the Research & Innovation Foundation.



Agrifood Innovation - Setting the Context in Cyprus 22nd of October 2019

On the 22nd of October 2019, EXCELSIOR team member Dr. Christiana Papoutsas joined the “Agrifood Innovation - Setting the Context in Cyprus” event at the Cyprus University of Technology premises and promote EXCELSIOR through an info-kiosk. The conference was organized by the Research Group of Agricultural Microbiology & Biotechnology at Cyprus University of Technology and MAP Innovation, and addressed business representatives of the industry, academics and people interested in creating new innovative solutions for the industry and the general public.



Participation in the seminar “Possibilities and challenges of Copernicus products and services in marine industry, research and management” 23rd of October 2019

Mr. Marios Tzouvaras participated in a seminar titled “Possibilities and challenges of Copernicus products and services in marine industry, research and management” where he presented the EXCELSIOR Project to the local and regional stakeholders. The seminar/workshop took place on the 23rd of October 2019 at the Institute of Marine Research in Bergen, Norway.



It was organised in the framework of the H2020 CopHub.AC project that aims to establish long-term Copernicus hubs to consolidate and sustain the Copernicus Academy as a knowledge and innovation platform.

Participation in the third general meeting of the International Network to Encourage the Use of Monitoring and Forecasting Dust Products (inDust) 25th of October 2019

Dr. Rodanthi-Elisavet Mamouri participated in the third general meeting of the International Network to Encourage the Use of Monitoring and Forecasting Dust Products (inDust). The meeting took place on the 25th of October 2019 in Portugal, Porto. The meeting was organised in the framework of the COST Action CA16202. The overall objective of the proposed Action is to establish a network involving research institutions, service providers and potential end users of information on airborne dust. Dr. Mamouri had the opportunity during the meeting to promote EXCELSIOR



Introducing the EXCELSIOR Project to the University of Brighton 30th of October 2019

EXCELSIOR participants Dr. Nicholas Kyriakides and Dr. Thomaida Polydorou visited the University of Brighton on the 30th of October 2019 to conduct experimental testing on geopolymers concrete, as part of a project collaboration with Dr. Ourania Tsioulou, funded under the Royal Society International Exchanges Grant. Following the completion of the experimental research at the University of Brighton Civil Engineering laboratories, EXCELSIOR participants met with Principal Lecturers Dr. Andreas Lampropoulos. Dr. Pierfrancesco Cacciola and Senior Lecturers



Dr. Ourania Tsioulou and Dr. Alessandro Tombari, to discuss research collaboration opportunities under the EXCELSIOR Phase II Project.

Presentation regarding the EXCELSIOR Project through the 'Cyprus in Germany', which was attended by the German Ambassador in Cyprus 31st of October 2019

On the 31st of October 2019, a presentation on the EXCELSIOR Project through the “Cyprus in Germany” event was conducted by Professor Diofantos Hadjimitsis. During the event Professor Diofantos Hadjimitsis and Professor Phaedon C. Kyriakidis had the opportunity to discuss with the German Ambassador in Cyprus about the EXCELSIOR Project and the strategic contribution to the project by the German organisations DLR and TROPOS who are part of the EXCELSIOR’s Consortium.



Meeting with EXCELSIOR Strategic Partner, NOA 5th of November 2019

On the 5th of November 2019, a meeting between Professor Diofantos Hadjimitsis and Dr. Ioannis Papoutsis was conducted at the National Observatory of Athens (NOA) in Athens, Greece. There, Professor Diofantos Hadjimitsis had the opportunity to see the Copernicus Hub and meet with existing staff as well as watching a presentation on other existing projects of the Beyond Centre of Excellence of NOA.



Meeting with the Hellenic Quality Assurance and Accreditation Agency & Aristotelion University 5th of November 2019

On the 5th of December 2019, a meeting at the Hellenic Quality Assurance and Accreditation Agency premises in Athens with Prof. George Zalides (member of the Board of the Agency) was organized in order to discuss possible collaboration on joint educational programmes. The meeting took place in Athens, Greece and was attended by the Coordinator of the EXCELSIOR Project Prof. Diofantos Hadjimitsis from the Cyprus University of Technology; Prof. George Zalidis from the Faculty of Agriculture of the Aristotle University of Thessaloniki; Prof. Ioannis Gitas from the Faculty of Forestry and Natural environment of the Aristotle University of Thessaloniki.



Presentation of the EXCELSIOR Project at the annual meeting of the "Research" Remote Sensing Techniques for Archaeology H2020 MSCA-RISE PProject 6th of November 2019

Within the annual meeting of the Horizon 2020 MSCA-RISE "RESEARCH" funded Project, Professor Diofantos Hadjimitsis and Dr. Athos Agapiou had the opportunity to present the EXCELSIOR Project to the Consortium team. The meeting was organised by the Coordinator of the Project, Università degli Studi della Tuscia (UNITUS) and took place on the 6th of November 2019 in Athens, Greece.



Representatives of the consortium attended the meeting including the following organisations: ALMA Sistemi Srl (ALMA); Geosystems Hellas S.A (GSH); The Foundation for Research and Technology-Hellas (FORTH); Adam Mickiewicz University's (UAM) – Institute of Archaeology and Space System Solutions Ltd (S3).

Meeting at the School of Rural and Surveying Engineering of the National Technical University of Athens

6th of November 2019

On the 6th of November 2019, a meeting was conducted between Professor Diofantos Hadjimitsis and the National Technical University of Athens at the School of Rural and Surveying Engineering to discuss future collaboration regarding the EXCELSIOR Project based on the letter of commitment provided by NTUA. There, Professor Diofantos Hadjimitsis also had the opportunity to visit existing labs.



Meeting with the Deputy Minister of Education in Greece Prof. Vassilios Digalakis

8th of November 2019



On the 8th of November 2019, a meeting was conducted between Professor Diofantos Hadjimitsis and the Deputy Minister of Education of Greece Professor Vassilios Digalakis, former Rector of the Technical University of Crete, to discuss about the EXCELSIOR Project and future collaboration. The meeting took place at the premises of the Ministry of Education in Athens, Greece.

135th EuroSDR Board of Delegates 2019 Meeting

13th of November 2019

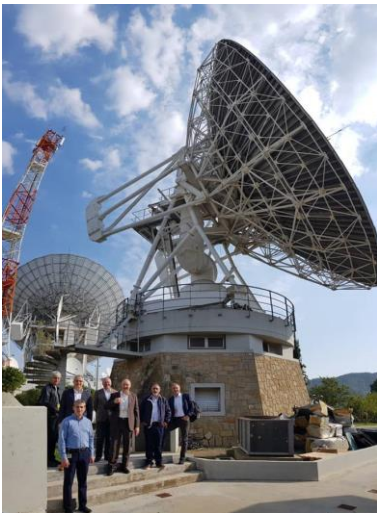
On the 13th of November 2019, the Department of Lands and Surveys organized the 135th EuroSDR Board of Delegates 2019 Meeting which took place at Cleopatra Hotel in Nicosia. During the meeting the EXCELSIOR Project and the main activities of the CUT research team (ERATOSTHENES Centre of Excellence) for the last 12 years were presented by the Coordinator of the EXCELSIOR Project, Prof. Diofantos Hadjimitsis.



Visit at CYTA's Makarios Satellite Earth Station 23rd of November 2019

On the 23rd of November 2019, members of the EXCELSIOR team, together with a representative from the European Space Imaging visited the Makarios Satellite Earth Station at CYTA premises.

Makarios Satellite Earth Station is a ground station in Cyprus operated by CYTA that opened in 1980. The site is home to a large farm of a Ground station of antennas operating with a wide range of satellites. Satellite links are provided in C, Ku and DBS frequency bands. The Ground station is staffed on a 24-hour basis for 365 days per year.



EURAXESS Service Centres Network 25th of November 2019



On the 25th of November 2019, Prof. Diofantos G. Hadjimitsis and Prof. Andreas Anayiotos participated at the event "Expansion of EURAXESS National Network & Researchers from Third Countries", organized by the Research and Innovation Foundation (RIF). There, they signed an agreement between Cyprus University of Technology and RIF, declaring CUT an official EURAXESS Service Centre. EXCELSIOR was promoted during the event.

One-day meeting “Towards Horizon Europe: Dialogue on Implementation Strategy & European Partnerships” 4th of December 2019

The EXCELSIOR team joined the one day meeting “Towards Horizon Europe: Dialogue on Implementation Strategy & European Partnerships” which was organized by the Research and Innovation Foundation in the framework of its responsibilities for coordinating Cyprus participation in the Horizon 2020 Program.

As the discussions and preparation for the next Framework Program progress, the European Commission is also focusing on the strategy for implementing Horizon Europe. Improved accessibility, simplified and effective



rules, procedures and tools, as well as better communication and attraction of stakeholders are some of the cornerstones of its strategic implementation.

Presentation of the EXCELSIOR Project and the ERATOSTHENES Centre of Excellence to representatives of the Jinan University, China 9th of December 2019

Prof. Diofantos G. Hadjimitsis and Prof. Andreas Anayiotos had the opportunity to present the EXCELSIOR Project and the ERATOSTHENES Centre of Excellence to representatives of the Jinan University, China. The presentation took part during the event for signing the memorandum of understanding between the Cyprus University of Technology and the Jinan University from China, at the premises of the Cyprus University of Technology.



EXCELSIOR team in Egypt. “Sustainable conservation of UNESCO and other heritages sites through proactive geosciences” Conference in Egypt 10th of December 2019

Dr. Kyriacos Themistocleous participated in the Symposium of the Sustainable conservation of UNESCO and other heritages sites through proactive geosciences that took place in Egypt during 10th to 12th of December 2019. The Symposium was organized by various institutions such as the Embassy of Italy in Egypt, the Academy of Scientific Research & Technology (ASRT) and the National Research Institute for Astronomy & Geophysics (NRIAG). The Symposium was organized in sessions that presented case studies from different parts of the world, sharing experiences in heritage conservation, under various climatic and hazardous contexts.



3rd Conference of Geographic Information Systems and Spatial Analysis in Agriculture and the Environment 11th of December 2019

Prof. Phaedon Kyriakidis member of the EXCELSIOR Project and ERATOSTHENES Centre of Excellence team participated at the 3rd Conference of Geographic Information Systems and Spatial Analysis in Agriculture and the Environment as an invited speaker giving a lecture entitled “Spatial Analysis and Spatial Statistics in Environment and Agriculture” in which EXCELSIOR was presented in detail. The Conference was organized by the Geographical Information Systems Research Unit of the Agricultural University of Athens and the Hellenic Society of Geographic Information Systems (Hellas GIS) and



took place on the 11th to 13th of December 2019 at the Conference Amphitheatre of the Agricultural University of Athens. It covered issues related to all the above technologies in combination with spatial analysis and the creation of digital spatio-temporal observatories in different types of crops (vineyard, olive, large crops, aromatic and pharmaceutical, etc.) trying to extract useful scientific as well as practical conclusions on a holistic digital farm management and tackling natural resource and natural phenomena management issues.

Sustainable Conservation of UNESCO and Other Heritage Sites

11th of December 2019

Dr. Themistocleous was invited to speak on “Monitoring cultural heritage sites affected by geohazards” during the Sustainable Conservation of UNESCO and Other Heritage Sites through Proactive Geosciences, which took place in Aswan Egypt on the 11th of December 2019. His presentation included the capabilities of the EXCELSIOR project to monitor cultural heritage geohazards in the EMMENA region.



Presentation of the EXCELSIOR Project during the 1st Workshop of the Marine Spatial Planning “THAL-CHOR 2” Project

12th of December 2019

On the 12th of December 2019, Mr. Christodoulos Mettas Research Scientist at the ERATOSTHENES Centre of Excellence participated in the first Workshop / open public presentation of the project “Cross-Border Cooperation for the Development of Maritime Spatial Planning (THAL-CHOR 2)” which took place in Poseidonia Hotel, in Limassol.



The main objective of the project is the preparation of national or regional maritime spatial plans in Cyprus and Greece. The aim of the Workshop was to present the scope and the progress of the Project in Cyprus. During the Workshop ,Mr. Christodoulos Mettas had the opportunity to present the purpose, the main idea along with the benefits of the EXCELSIOR Project for Cyprus and the Eastern Mediterranean Middle East North Africa (EMMENA) Region.

Presentation of Earth Observation applications, benefits of using CopernicusEU and the EXCELSIOR Phase 2 Project at the Gymnasium of Polis Chrysochous 17th of December 2019

On the 17th of December 2019, Prof. Diofantos Hadjimitsis gave a presentation of the EXCELSIOR Project to the students of the Gymnasium of Polis Chrysochous in Pafos. The purpose of his presentation was to promote the benefits of establishing ERATOSTHENES Centre of Excellence for Earth Surveillance and Space-Based Monitoring of the Environment for the students and scientific staff in Cyprus as well as to familiarize them with the objectives and scope of the Project and the terms of Remote Sensing and Earth Observation. He also wanted to highlight the benefits of using Copernicus data along with the job opportunities that the project will offer in the near future for the new generation.



Presentation of the EXCELSIOR Project at the Alexander College

18th of December 2019

On the 18th of December 2019, Prof. Diofantos Hadjimitsis, Vice Rector for Academic Affairs of the Cyprus University of Technology and Coordinator of the EXCELSIOR H2020 Teaming Project, presented an overview of the EXCELSIOR Project to the students and staff of the Alexander College in Pafos.

The purpose of his presentation was to promote the benefits of establishing ERATOSTHENES Centre of Excellence for Earth Surveillance and Space-Based Monitoring of the Environment for the academic sector including both education and research pillars as well as the industrial; governmental and societal (organizations and citizens) sectors in Cyprus. Furthermore, his presentation aims to promote the use of Remote Sensing and Earth Observation and familiarize the audience with the objectives and benefits of the EXCELSIOR Project.



Presentation of the EXCELSIOR Project and Space Applications to the Gymnasium of Apostolou Pavlou, Pafos

20th of December 2019

On the 20th of December 2019, Prof. Diofantos Hadjimitsis and Mr. Christodoulos Mettas Research Scientist at the EXCELSIOR & ERATOSTHENES Centre of Excellence gave a presentation of the EXCELSIOR Project to the students of the Gymnasium of Apostolou Pavlou in Pafos.



The purpose of the presentation was to promote the benefits of establishing ERATOSTHENES Centre of Excellence for Earth Surveillance and Space-Based Monitoring of the Environment for the students and scientific staff in Cyprus as

well to familiarize them with the main idea and purpose of the project. Furthermore, examples from several funded projects as well as Copernicus benefits were also presented to the students.

Presentation of the EXCELSIOR Project & ERATOSTHENES Centre of Excellence and the benefits of the Copernicus data for Cyprus to the Esperino Gymnasium/Lyceum of Pafos

23rd of December 2019

On the 23rd of December 2019, Prof. Diofantos Hadjimitsis and Dr. Christiana Papoutsas gave a presentation of the EXCELSIOR Project to the staff and students of the Esperino Gymnasium/Lyceum in Pafos. During their presentation they mentioned the benefits of establishing ERATOSTHENES Centre of Excellence for Earth Surveillance and Space-Based Monitoring of the Environment in Cyprus. They also highlighted the importance of acting as a member of the Copernicus Academy presenting the Sentinel Mission and promoting the benefits of using the Copernicus data for Cyprus not only by the scientific community but also for the students and the society.



EXCELSIOR presentation at Hystore Tech Ltd premises and meeting with Korean experts in UAVs 9th of January 2020

On the 9th of January 2020, a meeting was conducted between Professor Diofantos Hadjimitsis the Coordinator of the EXCELSIOR Project and Korean experts in UAVs, Professor Jae-Woo Lee and the CEO of Nexoms, Chihong Joo to discuss about the EXCELSIOR Project and future collaboration. The meeting was organised by the Cyprus University of Technology and took place at the premises of Hystore Tech Ltd.



Portal for hERItage buildings integration into the CONtemPorary built Environment 9th of January 2020

On the 9th of January 2020, Prof. Diofantos Hadjimitsis and Dr. Athos Agapiou of the EXCELSIOR & ERATOSTHENES Centre of Excellence team participated in the presentation of the new funded integrated project “portal for heritage buildings integration into the Contemporary built Environment” which took place at the Cyprus Institute premises.



The project PERISCOPE aims to design and develop an innovative Building Information Modelling platform for the identification, classification, documentation and renovation of heritage buildings. PERISCOPE will enable the exploitation of state-of-the-art techniques in the scientific fields of Building Information Modelling (BIM), remote sensing, terrestrial and aerial 3D modelling techniques, and non-destructive onsite testing. Prof. Hadjimitsis gave a short presentation about the EXCELSIOR Project.

EXCELSIOR and ERATOSTHENES Centre of Excellence met CMMI-Cyprus Marine & Maritime Institute 16th of January 2020

A meeting was conducted between the team of the EXCELSIOR Project and Cyprus Marine & Maritime Institute (CMMI), to discuss further collaboration through the EXCELSIOR Project. The meeting was organized by the Cyprus University of Technology and took place on the 16th of January 2020 at its premises in Limassol, Cyprus. The meeting was organized by CUT and was attended by, Mr. Zacharias Siokouros CEO of the CMMI, Prof. Nicholas Makris who is acting as the Director of the Center for Ocean Engineering from MIT's Department of Mechanical Engineering (MITMechE); Prof. Diofantos Hadjimitsis Coordinator of the EXCELSIOR Project and his team members Prof. Christos Danezis, Prof. Phaedon, C. Kyriakidis, Dr. Christiana Papoutsas, Mr. Marios Tzouvaras, Dr. Kyriacos Neocleous and Dr. Thomaida Polydorou.



25th Copernicus User Forum 29th of January 2020

Dr. Themistocleous gave an overview of the EXCELSIOR project during the 25th Copernicus User Forum that took place on the 29th of January 2020 in Brussels, Belgium.



EXCELSIOR team meets the Fameline Holding Group (FHG)

29th of January 2020

The team members of the EXCELSIOR Project; Prof. Diofantos Hadjimitsis, Assist. Prof. Chris Danezis and Dr. Christiana Papoutsas had the opportunity to meet the team members of the Fameline Holding Group (FHG) which is a vast network of business organisations; Mr. Stephanos Stephou, Mr. George Tsitouris and Mr. Michalis Hadjistylianou. During the meeting Prof. Hadjimitsis; Coordinator of the EXCELSIOR H2020 Teaming Project; presented the overview of the Project and highlighted several marine applications using Remote Sensing and Earth Observation techniques.



After a brief presentation related to the activities of the Fameline Holding Group (FHG), a discussion was followed focusing on the potential areas of collaboration and development of new applications utilizing available satellite data and remote sensing techniques.

Presentation to the undergraduate students (3rd year students) of the Department of Civil Engineering & Geomatics of the CUT

30th of January 2020

Prof. Diofantos Hadjimitsis gave a presentation of the EXCELSIOR Project to the undergraduate students (3rd year students) of the Department of Civil Engineering & Geomatics of the Cyprus University of Technology. His presentation aimed to inform the undergraduate students for the upcoming job opportunities capitalizing the benefits of the establishment of the new Centre of Excellence in Limassol.



He highlighted the benefits of establishing ERATOSTHENES Centre of Excellence (ECoE) for Earth Surveillance and Space-Based Monitoring of the Environment for the students and research scientists in Cyprus. Furthermore, during his presentation he gave various examples related to funded projects and applications that his team has participated during the past 10 years aiming to familiarize them with the Remote Sensing and Earth Observation meaning as well as to inform them related to research areas of ECoE and the objectives and opportunities of the EXCELSIOR Project.

Meeting with the director of Asteroscholeio 5th of February 2020

On the 5th of February 2020, a meeting was conducted between Prof. Diofantos Hadjimitsis, research scientists Dr. Christiana Papoutsas and Mr. Andreas Christofe and the Director of Asteroscholeio Mr. Giorgos Tzivas to present the main activities of the EXCELSIOR Project. The meeting was organised by the Cyprus University of Technology and took place at the Hilton Hotel in Nicosia.



The discussion was focused on the education sector and several common activities and actions related to the promotion of Earth Observation and Remote Sensing techniques for young students (primary & secondary school) were proposed. During the meeting Mr. Tzivas stated that it would be a great opportunity for the ERATOSTHENES Centre of Excellence and Asteroscholeio to organize common activities in the framework of the EXCELSIOR Project.

Meeting with the Director of RTD Talos 5th of February 2020



The meeting took place on the 5th of February 2020 at the RTD Talos premises in Nicosia, Cyprus in order to discuss about future collaboration between RTD and ERATOSTHENES Centre of Excellence in the framework of the EXCELSIOR Project. The meeting was organized by Cyprus University of Technology and was attended by Dr. Alexandros Michaelides, Director of RTD Talos, Prof. Diofantos Hadjimitsis Coordinator of the EXCELSIOR Project, Dr. Christiana Papoutsas and Mr. Andreas Christofe.

Meeting with the Department of Lands and Surveys, Cartography Branch 12th of February 2020

On the 12th of February 2020, a meeting which took place at the premises of the Cyprus University of Technology in Limassol was conducted between the Department of Lands & Surveys and the team members of the EXCELSIOR Project.

During the meeting a discussion was made on future collaboration but also on how remote sensing can be used for the national benefit.

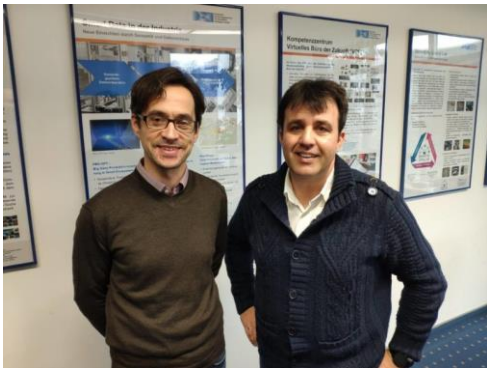


Visit at the Limassol Chamber of Commerce and Industry 12th of February 2020

Limassol Chamber of Commerce and Industry is one of the supporters of the EXCELSIOR Project. On the 12th of February 2020, Prof Diofantos Hadjimitsis met with Mr. Nikolas Iordanous, Head of the Department of Research Innovation and EU Programs to discuss about the collaboration between the Limassol Chamber of Commerce and Industry and the EXCELSIOR Project.



Mr. Andreas Christofe met with Prof. Alain Pagani, the Deputy Director at AV DFKI premises Kaiserslautern Germany 14th of February 2020



Mr. Andreas Christofe research scientist and member of the EXCELSIOR team, met with the Deputy Director of the Augmented Vision department of the German Research Center for Artificial Intelligence (AV DFKI) Prof. Alain Pagani to discuss future actions on possible collaboration between the Excelsior Project and AV DFKI. The meeting was organized by the Cyprus University of Technology (CUT) and took place on the 14th of February 2020, in Kaiserslautern, Germany at the premises of the AV DFKI.

Meeting with ATLANTIS Consulting Cyprus Ltd 17th of February 2020

EXCELSIOR team members Dr. Christiana Papoutsas, Dr. Nicholas Kyriakides and Mr. Christodoulos Mettas met with Mr. Charalambos Panayiotou, Managing Director of ATLANTIS Consulting Cyprus Ltd at the premises of Cyprus University of Technology to discuss about the key role of ATLANTIS in the EXCELSIOR Project.



Webinar - Copernicus Academy & Copernicus Relay 20th of February 2020

Dr Themistocleous presented the EXCELSIOR project to the Monthly Copernicus Academy & Copernicus Relay presentation on the 20th of February 2020. The presentation included current and future activities of the EXCELSIOR program, with the focus on how EXCELSIOR and Copernicus can work together throughout the program.



Meeting with CyRIC 26th of February 2020



On the 26th of February 2020, Dr. Panayiotis Philimis, director of CyRIC met with the members of the EXCELSIOR Project to discuss about the strategic organization of the project.

CyRIC is a fast growing company with a strategic aim to become an important regional Center developing disruptive products for the world markets and providing unique, high quality services to the industry.

Meeting with RTD Talos 26th of February 2020

On the 26th of February 2020, members of the EXCELSIOR team met with Dr. Alexandros Michaelides, the Director of RTD Talos, to discuss various issues for future collaboration.

Collaboration between the two Horizon2020 TEAMING projects EXCELSIOR and BIOBANK has been discussed as well.



Meeting with the Centre of Excellence in Risk & Decision Sciences (CERIDES), European University Cyprus 27th of February 2020

On the 27th of February 2020, members of the EXCELSIOR team met with Prof. George Boustras, Director of Centre of Excellence in Risk & Decision Sciences (CERIDES), European University Cyprus at the Cyprus University of Technology premises.

The Centre of Excellence in Risk and Decision Science (CERIDES) is one of the supporters of EXCELSIOR Project.



Ceremony for the appointment of the first Deputy Minister of Research, Innovation and Digital Policy Kyriacos Kokkinos 28th of February 2020

The EXCELSIOR Project and the Eratosthenes Centre of Excellence joined the ceremony for the appointment of the first Deputy Minister of Research, Innovation and Digital Policy Kyriacos Kokkinos by the President of the Republic of Cyprus H.E. Nicos Anastasiades at the presidential palace on Friday, the 28th of February 2020.



Invited talk at the workshop on Computational approaches to archaeological site detection and monitoring 29th of February 2020

Dr. Athos Agapiou, team member the EXCELSIOR Project in the cultural heritage research cluster was one of the invited speakers in a Workshop that was held at the McDonald Institute for Archaeological Research, University of Cambridge. The Workshop focused on Computational approaches to archaeological site detection and monitoring. Dr Agapiou talked about the Potentials of earth observation virtual constellations and big data: moving beyond current archaeological prospection practices.



Meeting with the Mayor of Aradippou Municipality 3rd of March 2020

On the 3rd of March, members of the EXCELSIOR Project had a meeting with the Mayor of Aradippou Municipality regarding the opportunities of the space technology, remote-sensing and Geoinformatics for the Aradippou Municipality. Mayor Evangelides met with Prof Diofantos Hadjimitsis and Maria Prodromou.



Invited talk by Prof. Hadjimitsis at the ACTRIS IMP Kick-off meeting in Larnaca, Cyprus 3rd of March 2020

From 2nd to the 6th of March 2020, the ACTRIS community gathered at the Sun Hall Hotel in Larnaca, Cyprus, to kick-off the ACTRIS Implementation Project (IMP). This week-long meeting was attended by over 90 participants, including remote attendees, and it presented the community with the goals and actions planned for the next 4 years to take ACTRIS to a new level of maturity and reach the operational phase. On the 3rd of March, the two H2020 Teaming projects in Cyprus 'EMME-CARE' & 'EXCELSIOR' have been presented from their coordinators Prof. Jean Sciare & Prof. Diofantos G. Hadjimitsis.



Presentation of EXCELSIOR project at the Limassol Chamber of Commerce & Industry 4th of March 2020

The Limassol Chamber of Commerce & Industry, in collaboration with the Limassol Municipality and the Cyprus University of Technology, organized the event entitled “Research and Innovation in Space Technology and Geoinformation through the Horizon2020 Teaming EXCELSIOR Project and the ERATOSTHENES Centre of Excellence”. The event took place at the premises of the Limassol Chamber of Commerce & Industry on the 4th of March 2020.

Mr. Costas Galatariotis, President of the Limassol Chamber of Commerce & Industry, during his welcome speech stressed out that the EXCELSIOR project will contribute to the development of new business ideas, attraction of new investments and creation of new jobs by supporting the economic development of our country.



A welcome address followed by the Mayor of Limassol, Mr. Nikos Nikolaidis. He stressed his support to the EXCELSIOR project and the benefits that the city of Limassol will have from the creation of the ERATOSTHENES Centre of Excellence. Finally, Mr. Nikolas Iordanou, Vice President of the Board of Directors of the Cyprus University of Technology Board in his welcoming remarks emphasized that Cyprus University of Technology considers the EXCELSIOR project to be the most important success in the short history of the University. The event concluded with the presentations by Professor Diofantos G. Hadjimitsis, Professor at the Department of Civil Engineering and Geo-informatics of the Cyprus University of Technology and Coordinator of the EXCELSIOR Project and Dr Panayiotis Philimis, CEO of Cyprus Research & Innovation Center (CyRIC) and Gravity Ventures Incubator and President of the Cyprus Association of Research and Innovation Enterprises.



Scientific lecture by TROPOS Senior Researcher, Dr. Ulla Wandinger

9th of March 2020



The Department of Civil Engineering and Geomatics of the Cyprus University of Technology in cooperation with EXCELSIOR H2020 Teaming Project, held an open scientific lecture on Monday, the 9th of March 2020 with the internationally recognized senior researcher Dr. Ulla Wandinger. Prior to the lecture, the dean of the Faculty of Engineering and Technology, Prof. Phaedon Kyriakides, addressed a brief greeting. The lecture entitled “The European Research Infrastructure ACTRIS and the ERATOSTHENES Center of Excellence: Exploring the Importance of Atmospheric Sensing for the EMMENA Region” was organized as part of the actions of the EXCELSIOR H2020 program for the transfer of know-how and enhancing Research and Innovation.

In her presentation, Dr. Wandinger referred to the importance and necessity of the ACTRIS European Research Infrastructure for the study of Atmosphere, Climate Change and Air Pollution as well as the strategic role of the Atmospheric Observatory Research Infrastructure for the area. It is worth noting that ACTRIS is a pan-European research infrastructure for providing on short-lived atmospheric constituents and the processes that control their life cycles.



In addition to the open lecture, a second lecture entitled “Ground-based remote sensing of aerosol and clouds: Lidar and radar measurements of climate-relevant processes in the atmosphere” was delivered. Dr. Ulla Wandinger, mainly targeting doctoral candidates, master students and young researchers, introduced new trends, techniques and methodologies for studying atmospheric and climate parameters. At the end of the presentations, the students had the opportunity to ask questions and talk to Dr. Ulla Wandinger on future research trends and opportunities offered through the newly established ERATOSTHENES Centre of Excellence.

FUNDED PROJECTS' ACTIVITIES

2nd meeting of the project entitled: “Navigators of Cultural Heritage Digitization of Churches of Cyprus and Crete” 25th of November 2019

Team members of the EXCELSIOR Project and the ERATOSTHENES Centre of Excellence of the Cyprus University of Technology participated in the 2nd partners' meeting of the project entitled: “Navigators of Cultural Heritage Digitization of Churches of Cyprus and Crete” referred to as “Digital unblocking of holy islands” at the Archbishop's palace in Crete.



1st Thematic Working Group on Atmosphere for Copernicus Academies in the framework of Cophub.AC Project 5th of December 2019

The team members of the EXCELSIOR Project Dr. Rodanthi Mamouri and Mr. Marios Tzouvaras chaired the 1st thematic working group on atmosphere for Copernicus Academies in the framework of Cophub.AC Project. The overall objective of the Copernicus Academy Thematic Working Groups is to capitalise on the excellence of the Copernicus Academy members to provide research results to the Copernicus stakeholders in a systematic way. It will untap innovation potentials in the thematic areas of the TWGs to establish new research lines based on exchange and collaboration among the TWG members.



PVrosion meeting - DC current experiment on conductive paint samples.

3th of February 2020

Accelerated Corrosion Blind Spots Inherent to Photovoltaic Systems' Operation and Undetected DC Faults – PVrosion.

This is three-year Research Project that aims to investigate the impact of accelerated dc corrosion on critical infrastructures, such as natural gas pipelines and oil tanks that are operated near large-scale Photovoltaic plants.



AQ-Serve partners meeting

13th of January 2020

The 2nd Partner's Meeting of "Air quality services for a cleaner air in Cyprus - AQ-SERVE" Project, took place at the Cyprus Institute premises in Nicosia, Cyprus.

The purpose of the 2nd Partner's meeting was to review the status of the project and to monitor the progress of the work. The meeting assessed the fulfillment of all aspects, both scientific and managerial. Then, issues and risks were identified and relevant address-actions were proposed. A review of operational points was presented by the Management Team and the Coordinator.

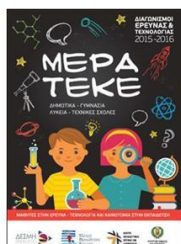


STUDENTS, SCHOOL AND THE EXCELSIOR PROJECT

Promoting Earth Observation to schools since 2007

Since 2007, ERATOSTHENES Research Centre at the Department of Civil Engineering and Technology of the Cyprus University of Technology supports schools participating in national and European research competitions. Indeed, now through the EXCELSIOR H2020 Project and ERATOSTHENES Centre of Excellence (ECoE) our activities with schools are more powerful in passion and enthusiasm! We are ready to support groups of students to participate in school competitions such as:

- Stockholm Junior Water Prize
- Cyprus Contest for Young Scientists
- Competitions MEPA TEKE



Presentations of the EXCELSIOR Project to schools



On the 17th of December 2019, a presentation was given by Professor Diofantos Hadjimitsis at the Gymnasium of Polis Chrysochous. There, he presented the EXCELSIOR Phase 2 Project and explained about Earth Observation applications and the benefits of using Copernicus.

On the 20th of December 2019 Professor Diofantos Hadjimitsis and Research Scientist Christodoulos Mettas visited the Gymnasium of Apostolou Pavlou to give a presentation of the EXCELSIOR Project and to inform students about several Copernicus benefits.



Research Scientist Christodoulos Mettas giving his presentation at Apostolou Pavlou Gymnasium in Pafos.



On the 20th of December 2019, Professor Diofantos Hadjimitsis and Dr. Christiana Papoutsas gave a presentation of the EXCELSIOR Project to the staff of the Esperino Gymnasium/Lyceum in Pafos.

On the 6th of February 2020, a presentation of the EXCELSIOR Project was given to students of the 2nd Lyceum Kykkou in Pafos.



On the 12th of February 2020, a presentation was given to 175 students of the Drosia Gymnasium in Larnaka on the SOFIA funded project. CyRIC and the EXCELSIOR Project are the two partners of the SOFIA funded project that aims to promote Earth Observation to schools.

The team member of the EXCELSIOR Project Dr. Christiana Papoutsas, together research organization ‘CyRIC’, was present at the 9th Conference of Students-Teachers for the Exact Sciences at Coral Beach Hotel and Resort in Pegeia.

At the Conference, there were more than 1500 students present and the over 100 research papers were presented. The Conference started on the 6th of March 2020 and was completed on the 8th of March 8, 2020 and was held under the auspices of the Minister of Education, Culture, Sports and Youth, Mr. Prodromos Prodromou. This year’s Conference was co-organized by 15 secondary schools in Cyprus and the Associations of Professors of Physics, Chemistry, Biology and Mathematics. At this year’s 9th Conference, it was divided into thematic sections: Environmental Consciousness, Exact Science Teaching, Entrepreneurship, Social and Experimental Research.



EU reports - Contribution from the ERATOSTHENES Centre of Excellence

Report on the user requirements in the Copernicus domain to support Cultural Heritage management, conservation and protection

The member of EXCELSIOR and the ERATOSTHENES Centre of Excellence Dr. Kyriacos Themistocleous contributed in publishing the “Report on the user requirements in the Copernicus domain to support Cultural Heritage management, conservation and protection” as a Task Force Member.

The present document reports on the results of the activities conducted by the Copernicus Cultural Heritage Task Force. The aim is to assess the current and future potential of Copernicus data, services and products in support of monitoring and protection of Cultural Heritage. It also recommends sustainable actions and strategies for the integration of Earth Observation technologies in Cultural Heritage management.

The establishment of the Copernicus Cultural Heritage Task Force, was proposed by the Copernicus User Forum and formalised by the Copernicus Committee. It is mainly composed of Member States (MS’s) national experts, from both the Cultural Heritage and Earth Observation domains, and is officially coordinated by Italy and chaired by the Italian Ministry of Cultural Heritage and Activities and for Tourism (MiBACT).

The activity of the Copernicus Cultural Heritage Task Force, based on the outcomes of the study “Copernicus services in support to Cultural Heritage” by PricewaterhouseCoopers aimed at identifying the best option(s) among those identified in the study, to facilitate Cultural Heritage community access to Copernicus products.

Coming up in the 2nd newsletter:



Introducing the Board of Directors of the ERATOSTHENES CENTRE OF EXCELLENCE



1. Associate Professor **Evangelos AKYLAS** - Cyprus University of Technology (Chairman)



2. Mr **Marios DEMETRIADES** - Managing Director of the MD Mindset Capital Ltd; Former Minister of Communications and Works (Member)



3. Mrs **Vasiliki ANASTASIADOU** - Former Minister of Communications and Works (Member)



4. Mrs **Barbara RYAN** - Former Secretariat Director of GEO (Group on Earth Observations) (Member)



5. Dr **Rosa LASAPONARA** – CNR, Italy (Member)



6. Dr **Nektarios CHRYSOULAKIS** - Director of Research, Foundation for Research and Technology (FORTH), Greece (Member)



7. Mr **Christos STYLIANIDES** - Former European Commissioner (Member)

Get in touch

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

CONTACT INFO

Department of Civil Engineering & Geomatics
Faculty of Engineering and Technology
Cyprus University of Technology
&
ERATOSTHENES Centre of Excellence



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



Cyprus
University of
Technology



@excelsior2020eu     

E-MAIL: info@excelsior2020.eu

WEBSITE: www.excelsior2020.eu