

Copernicus – Sentinels Serving Society and the Environment

*Athens, Greece
EVGENIDIS Foundation
12-13 May 2014*

This event is jointly organized by the Greek Presidency of the Council of the European Union, the European Space Agency and the European Commission.



Geospatial information and services empower public administrations and businesses to improve public services, to better their relations with the citizens and customers respectively, and to take better informed decisions on future territorial development, with socio-economic and environmental considerations in mind.

Europe's satellite infrastructure Copernicus combines data from Earth Observation satellites and other sources to offer a hub of geospatial information expected to improve knowledge and generate new jobs in Europe's regions and cities.

This conference will:

- a) provide public administrations and businesses with practical examples of geospatial solutions in sectors such as the environment and risk management, energy, territorial planning and e-governance
- b) provide the space community with insights into the current and future needs of end-users and downstream service providers so as to discuss what more can be done (in terms of policy, governance, technology etc) to enable them to make the most of Copernicus

High level speakers from the Greek Government are invited to open each thematic session.

For organisational reasons, the Conference Opening and the Political Statements will take place at the end of the first conference day, followed by a VIP Conference Dinner.

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Preliminary agenda

12-13 May 2014

Evgenidis Foundation, Athens, Greece

Day 1 - Monday 12th May

08.15 – 09.15: Registration

09.15 – 10.45: Introductory Session

Presentations will explain in down-to-earth terms what Copernicus services are available today, what they are for, who can use them, and in what conditions. (with attention on what is relevant for end-users (decision-makers and practitioners) VS value-adding organisations or depts.

Host: **Christos Vasilakos**, General Secretary, General Secretariat of Science and Technology, Hellenic Republic Ministry of Education and Religious Affairs

Guest Speaker: **Vittorio Prodi**, Member of the European Parliament, Chairman of the Sky and Space Intergroup

Paul Weissenberg, Deputy Director General, DG Enterprise and Industry, European Commission

Volker Liebig, Director of ESA's Earth Observation Programmes, ESA

Alain Ratier, Director-General, EUMETSAT

Chris Steenmans, Head of Programme, Monitoring, Data and Information, European Environment Agency (EEA)

Tomaz Lovrencic, Director, European Union Satellite Centre (EUSC)

10:45-11:00: Signature of the Greek-ESA Copernicus Collaborative Agreement

Greece: **Kanaris Tsinganos**, Director and President of the Governing Board, National Observatory, Athens

ESA: **Volker Liebig**, Director of Earth Observation Programmes, ESRIN, Italy

11.00 – 11.15: Coffee break

11.15-12.15: Session 1: Opportunities for economic growth and development

Speakers will address how Copernicus will support the economic development of European regions and businesses

Moderator: **Christina Giannopapa**, Relations with Member States Department, ESA

Speakers:

Rudi Aernoudt, Head of Private Office of the President's Office, European Economic and Social Committee

Jean-Yves Le Gall, President, CNES

Rolf Densing, Head Directorate Space Programs, DLR

Roya Ayazi, Secretary General, NEREUS

Athanasios Potsis, President, Hellenic Aerospace Industry Association

12.15 – 13.30: Lunch break

Side Event:

Presentation of Hans Van't Woud, Blackshore-creative, The Netherlands, 2012 overall winner of the Copernicus Master Prize, at the ESA booth in the exhibition area. Winning Idea to be presented: CERBERUS- crowdsourcing and e- learning platform

13.30 -15.45: 2nd and 3th Sessions – Support to public service and businesses

13.30-13.45: Copernicus Services: the end-user perspective

Introduction of the parallel sessions and desired outcomes by the respective chairpersons/moderators

*Overall introduction: **Josef Aschbacher**, Programme Planning and Coordination Service, ESA-ESRIN, Italy*

Xenophon Tsilimparis, Greek Research and Technology Network (GRNET)

Guido Lemoine, Joint Research Centre (JRC), Italy

Gunter Schreier, German Aerospace Center (DLR)

Christophe Sannier, SIRS

Simon Jux, Copernicus Space Office, ESA- ESRIN

Peter Zeil, DG ENT, European Commission, Belgium

Stefaan De Mey, Secretary General EURISY, France

13.45 -14.45: 2nd Session - Parallel sessions:

a – Maritime and Fisheries

New remote sensing and navigation services now offer to the maritime and fisheries sector improved accuracy, timing and precision. Combining these technologies is the basis for applications that can assist policy makers and businesses . This session will allow stakeholders in the maritime and fisheries sectors to reassess the benefits space solutions can provide to their businesses.

*Chairperson/Moderator: **Xenophon Tsilimparis**, Greek Research and Technology Network (GRNET)*

Opening Statement: Greek Ministry of Maritime and Aegian

Speakers:

Dirk Reichenbach, Central Command for Maritime Emergencies (CCME), Germany

Title: Handling oil pollution incidents by using satellite geo-information provided by EMSA

Leendert Bal, European Maritime Safety Agency (EMSA), Portugal

Stelios Bollanos, Director, Planetek Hellas EPE, Greece

b - Agriculture

New remote sensing and navigation services now offer the agricultural sector improved accuracy, timing and precision. Combining these technologies is the basis for precision farming. This session will allow stakeholders in the food and agriculture sectors to reassess the benefits space solutions can provide to their businesses.

Chairperson/Moderator: **Guido Lemoine**, Joint Research Centre (JRC), Italy

Opening Statement: Greek Ministry of Agriculture and Food

Speakers:

Shukri Ahmed, Food and Agriculture Organization (FAO), United Nations
Title: Global Agriculture monitoring and Food Security

Dora Ayfantopoulou, Geoapikonisis SA, Greece

c - Tourism, Natural and Cultural Heritage Promotion

Local and regional authorities are instrumental in ensuring that citizens and the local economy benefit from the added value of the use of innovative solutions for tourism, natural and cultural Heritage Promotion. This session will share the related experience and debate the contribution of geospatial data, both today - in terms of operational applications - and tomorrow, in terms of the most innovative applications in the making.

Chairperson/Moderator: **Gunter Schreier**, German Aerospace Center (DLR)

Opening Statement: Greek Ministry of Tourism

Speakers:

Sarah Gaines, Global Earth Observation Section, United Nations Educational, Scientific and Cultural Organization (UNESCO), France
Title: Presentation about costal degradation monitoring and mitigation

Theodoros Benos-Palmer, Director, Archelon, Sea Turtle Protection Society of Greece,
Title: The Sea Turtle Protection Society of Greece: Tracking protected species of turtles and engaging the population in funding and awareness raising.

14.45 -15.45: 3th Session - Parallel sessions:

a -Urban Planning and Public Services

Good public infrastructure can attract investors and businesses. Clean, safe and dynamic cities help attract visitors, retain skilled workers, and harbour healthy, vibrant and inclusive communities. Delivering these with decreasing resources is a major challenge. This session will discuss how innovative tools and solutions based on geospatial services can offer significant resource and efficiency savings as part of the response.

Chairperson/Moderator: **Christophe Sannier**, Research & Development Department, Systèmes d'Information à Référence Spatiale s.a. (SIRS), France

Opening statement: **Giannis Sgouros**, Head of the Region of Attica, Grece

Speakers:

Hugo Poelman, GIS Coordinator, DG Regional and Urban Policy, European Commission Title : The Urban Atlas

Tomas Soukup , GIS Department, GISAT s.r.o., Czech Republic

b - Security and Border Control

Geospatial information is essential for security and boarder control as it can provide next to real time information. This session will showcase experiences from related users on the use of related space based applications.

*Chairperson/Moderator: **Antonio Ciccolella**, Copernicus Space Office, ESA- ESRIN, Italy*

Opening statement: Greek Government Representative from the Coast Guard

Speakers:

Gregorio Ameyugo Catalan, Frontex

Title:

Thomas Kemper, Joint Research Centre (JRC), Italy

Title:

Frank Asbeck, Principle Advisor for Space and Security Policy, European External Action Service, Brussels

Title:

Vassilis Tsagaris, CEO, Irida Labs, Grece

Title:

c - Disaster Management

Geospatial information is crucial for the management of natural disasters, man-made emergency situations, and humanitarian crises. support responders at global and local level. This session will showcase experiences from e.g. civil protection agencies and first responders and discuss future evolutions.

*Chairperson/Moderator: **Peter Zeil**, DG ENT, European Commission,*

*Opening Statement: **Patroklos Georgiadis**, General Secretary for Civil Protection, Greece*

Jakub Ryzenko, Head of the Crisis Information Centre at Space Research Centre (SRC), Poland

Title: Copernicus EMS – from training to operational experience

Pierluigi Soddu, Italian Civil Protection (FIRES)

Tite:

Valerio Tramutoli, School of Engineering, Basilicata University, Italy

Title:

Haris Kontoes, Research Director, National Observatory of Athens, Greece

Title:

15.45 – 16.00: Coffee break

16.00 – 16.45: 4th Session: Wrap-up of the three preceding sessions

*Moderator: **Stefaan De Mey**, Secretary General EURISY, France*

With the participation of the moderators of Sessions 1-3

17.00 – 18.15: Conference Opening, Political Statements

Copernicus: Europe's flagship investment in satellite infrastructure for Society and the Environment

High-level speakers will present the Copernicus programme and explain its expected socio-economic benefits and relevance for the European citizen.

Moderator

Constandinos Arvanitopoulos, Minister of Hellenic Republic Ministry of Education and Religious Affairs,
Minister

Dionysia-Theodora Avgerinopoulou, Special Permanent Committee on Environmental Protection at the
Hellenic Parliament, Chair
co-Chair, European Interparliamentary Space Conference (EISC)

Maria Damanaki, Commissioner Maritime Affairs and Fisheries, European Commission

Ioannis Tsoukalas, Member of the European Parliament

Member of the European Parliament

Jean-Jacques Dordain, Director General, European Space Agency

18.15: Press Conference (invited participants only)

[NOTE: There will be two parallel press conferences: one in Greek for the local press and one in English for the international press]

18.15-19.30: Visit to Exhibition Hall & Cocktail Reception

Host: Christos Zerefos, Professor and President of the International Ozone Commission

Keynote Speaker: Tim de Zeeuw, Director General, European Southern Observatory, ESO, Germany

19:30-21:30: VIP Conference Dinner *(invited participants only)*

Day 2 - Tuesday, 13 May

09.00 – 09.45: 5th session: Access to Copernicus: how does it work?

Moderator: Mauro Facchini, DG ENT, Copernicus: Services, European Commission

Pier Bargellini, Copernicus Space Component Mission Management and Ground Segment Development
Division

Title:

EUMETSAT

Title:

Nikos Tsodoulos, Satellite Ground Station,

Title:

Chris Steenmans, European Environment Agency (EEA), Denmark

Title:

09:45 – 10.30: 6th session: The next steps for a sustainable access? (legal, governance, etc)

On the basis of the identified obstacles/difficulties in the previous session, here participants put up a “to do” list as a basis for a discussion on who should do what to enable users to better access Copernicus (ESA/EC/National authorities etc.)

*Moderator: **Thomas Beer**, Copernicus Space Office, ESA- ESRIN, Italy*

Lesley Jane Smith, Attorney, Law Professor, Board Member International Institute for Space Law (IISL)
Title:

Ioanna Thoma, Legal Department, ESA
Title:

Reinhard Schulte-Braucks, DG ENT, GMES/Copernicus, European Commission
Title:

10.30 – 11.00: Coffee break

11.00 – 12.00: Round Table: The next services through user perspective?

A summary of the previous day is presented/participants go through it and discuss to what extent the services exist or are likely to be produced in the near future.

In this round table, representatives of regional organisations, who use or will use geoinformation in their daily job, share their experience. Panelists discuss obstacles and opportunities in transferring these “regional good practices” to other Greek Regions, including by relying on EU funding mechanisms and on support from the national government.

Moderator: Teodora Secara, User Programme Coordinator, Eurisy, France

Panelists:

Central Macedonia Regional Authority

Ionian Islands Regional Authority

Interbalkan Environment Centre: George Zalidis, Scientific Director

Greek Ministry Managing Authority of European Territorial Cooperation Programmes: Eleni Katsigianni

Private and public sector representatives attending, who have a role in supporting the end-users, will also be involved in discussions.

12.00 – 12.30: 7th session: Wrap-up sessions and round table

*Moderator: **Simon Jutz**, Copernicus Space Office, ESA*

With the participation of the moderators of Sessions 4-6

12.30 – 13:00: Lesson learned, way forward and closing of the Conference

The conference will be closed by presenting the “Athens Conclusions” and by closing remarks from a host representative

13:00-14:30: Lunch

14:30-18:30 Networking Session

Business

This networking session will last the though the afternoon where a number of Greek Companies will make presentation on what their capabilities are and allow for networking with other companies outside Greece.

Regions

This networking session will last the though the afternoon where a number of regions will make presentation on what their needs are and allow for networking with other regions.

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