

**20 & 21 October 2014  
Athens, Greece**



**INTERBALKAN  
ENVIRONMENT CENTER**

PARTICIPATING ORGANISATION  
**GEO** GROUP ON  
EARTH OBSERVATIONS

**Earth Observation in the Balkans  
& the Eastern Mediterranean.  
i-BEC's initiative for coordination and  
integration of EO data through GEO**

**Prof George Zalidis  
Scientific Coordinator of i-BEC**

**2nd South-Eastern Europe GEO Workshop  
on Integrating Earth Observation Data  
and Services for monitoring the  
Environment, protecting the citizens and  
stimulating the regional economic growth**



**BEOND**



**GEO** GROUP ON  
EARTH OBSERVATIONS

i-BEC's role, as an international CLUSTER of new technologies and innovation, is to link together the public and private sectors for sustainable management of natural resources and protection of the environment

## i-BEC provides:

- Scientific support for governmental structures that implement strategies and policies related to sustaining development at local, regional, national and international levels
- Support for Sustainable Development, Management and Protection of Natural Resources
- Provision of integrated reliable solutions and services in the Environmental sector and is actively involved in trans-national exchange and application of knowledge and best management practices overseas, in Europe, the Balkans and Internationally
- Enhanced competitiveness of the private sector through sustainable use of natural resources in production processes and activities

# Short Introduction of i-BEC

i-BEC is a Participating Organisation in GEO

- Member of the GEO High Level Working Group)
- Member of several prestigious National & International Organisations



PARTICIPATING ORGANISATION  
**GEO** GROUP ON EARTH OBSERVATIONS



## i-BEC mirrors the GEOSS structure

### 1.Data collection

- 1.1 Ground & Lab Data
- 1.2 Telemetric Data
- 1.3 UAV Data
- 1.4 Satellite Data
- 1.5 Image Spectroscopy Data

### 2.Data Management, Processing & Mining

### 3.Data Fusion & Integration

It is staffed by qualified interdisciplinary scientists: agronomists, chemists, biologists, computer scientists, geologists, environmentalists, civil engineers, environmental engineers, economists, cartographers, mechanical engineers and electrical engineers ,

**i-BEC provides Services in most of the Societal Areas of GEO**

**Agriculture, Biodiversity, Disasters, Ecosystems, Energy, Water & Health**

i-BEC:

- Coordinates the EGTC «INEU-Innovative Europe» for the sustainable management and protection of natural resources at river basin level
- Collaborates with the «Watershed Research Institute» USA
- Develops actions within the Black-Sea Region, Europe and USA in co-funded projects
- Is a Focal point of forest fire monitoring for Balkan countries under the auspices of UN and the ISDR, as part of the Global Wildland Fire Network - (UNISDR) and a member of its GOFC/GOLD Fire Monitoring and Mapping Team
- Is extensively involved in Precision Agriculture and Civil Protection projects using EO data



## Regional Level

- Working with GEO for the incorporation of Non Member Countries
  - **Bulgaria (92<sup>nd</sup> , July 2014)**
  - Albania (in progress)
  - FYROM (in progress)
  - Cyprus (in progress)

## National

- Involvement through **si-Cluster** with the Greek Space industry for the dissemination of EO data and technology in GEOs Societal Areas through SME's.

Currently Organising an International Conference for SME involvement in EO services in collaboration with GEO, and Big Stakeholders

Thank You



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**GEO** GROUP ON EARTH OBSERVATIONS

**si-cluster** a consortia initiative

**GLOBAL SOIL PARTNERSHIP**

**I-BEC** INTERBALKAN ENVIRONMENT CENTER

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I-BEC at the Presidency of the Republic of Bulgaria

The Scientific Coordinator of I-BEC, Professor G.Zalidis met with the Vice President of Bulgaria Ms Margarita Popova, on Wednesday 20th of Aug. where they discussed issues of bilateral cooperation between I-BEC and

**Recent News**

**15 Jan** **Interbalkan Environment Center has joined GEO as a Participating Organization**  
on January 14th Interbalkan Environment Center has joined GEO as a Participating Organization after the Plenary session of the GEO-X Plenary & Geneva Ministerial Summit  
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**30 Aug** **i-BEC at the Bulgarian Ministry of Environment.**  
The Scientific Coordinator of i-BEC, Professor. C. Zalidis met with delegates from of the Bulgarian Ministry of Environment on the 21st of Aug. to discuss environmental protection issues in the ...  
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**i-BEC Profile**

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**International Conference**

International Conference on "Governance and Innovation: Supporting Sustainable Development, Management and Protection of Natural Resources"  
27 October 2013, Athens