20 & 21 October 2014 Athens, Greece



PARTICIPATING ORGANISATION



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



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 competiveness 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





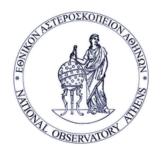




























i-BEC Infrastructure – Data and Services related to GEOSS

i-BEC mirrors the GEOSS structure

INTERBALKAN ENVIRONMENT CENTER

- 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
- Colaborates with the «Watershed Research Institute» USA
- Develops actions within the Black-Sea Region, Europe and USA in cofunded 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 (92nd, 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





























