



Coordinating and integrating state-of-the-art
Earth Observation Activities in the regions of
North Africa, Middle East and Balkans
and Developing Links with GEO related initiatives
toward GEOSS

GEO-CRADLE pre-Kick-Off Meeting
Friday, 18th of February, 2016

EuroGeoSurveys
Geological Survey of Federation of
Bosnia and Herzegovina



IONIC Centre, 11 Lysiou Street
Athens, Greece





Geological Survey of Federation of Bosnia and Herzegovina

Geological Survey is independent institution under direct jurisdiction of Government. Geological Survey has 32 permanent staff, of which 21 are geologist.

Geological Survey consists of departments for Geological maps, Mineral Resources, Hydrogeology, Engineering Geology, Geological Information System, Administrative work.

Source of financing Geological Survey is 100% from the state budget.

According to law, main tasks of the Geological Survey are:

- Development of geological, engineering geological, hydrogeological, seismotectonic, metallogenic and other geological maps;
- Development of Federal mineral resources management program;
- Exploration of mineral resources;
- Supervision of geological research of oil and gas;
- Identify and recommends to the Government a list of strategic mineral resources with a proposal for their use and recommending politics of geological research;



Geological Survey of Federation of Bosnia and Herzegovina

- Preparation of geological maps for spatial planning, the construction of infrastructure facilities and mining operations, the development of forestry, agriculture, water supply, and the development of urbanization and infrastructure;
- Develops guidelines, standards and norms in geological research;
- Forming central database of geological research;



Existing networks

The GeoSurvey is an associated member of the EGS.

The Survey has signed MoC with geological surveys of Austria, Croatia and Turkey.

Cooperation agreement with AGH University of Science and Technology from Cracow

GSFBiH cooperates with GS Slovenia through scientific projects

Cooperation with the United Nations Development Programme in BiH in energy and environmental projects

Cooperation with Faculty of Mining, Geology and Civil Engineering from Tuzla



Past projects experience (in B&H)

In implementation of the legal obligations of the Geological Survey carried out the work on the following projects:

1. Geological mapping 1:10000,
2. Hydrogeological mapping 1:25000,
3. Map of stability 1:10000 and 1:25000,
4. Exploration of mineral resources,
5. Cadastre mineral resources,
6. Cadastre mineral, thermal and thermomineral waters,
7. Cadastre of underground drinking water,
8. Cadastre of landslides,
9. Processes all data in a GIS (ArcInfo software).



Past projects experience (International projects)



DanReGeotherm-DATA

Anthropol.prot (INCO 2)



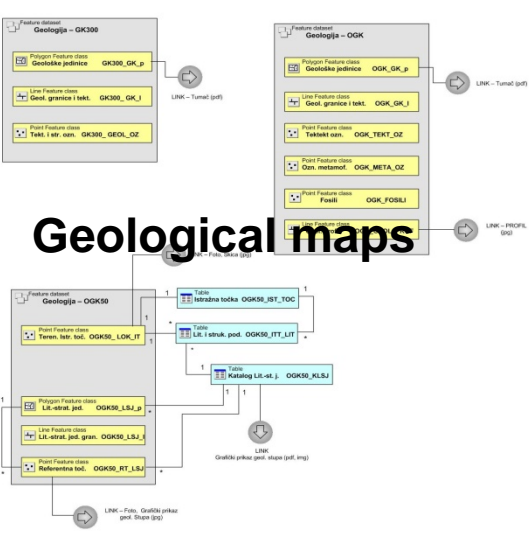
Improvements in the Harmonized Seismic Hazard Maps for the Western Balkan Countries

And others...

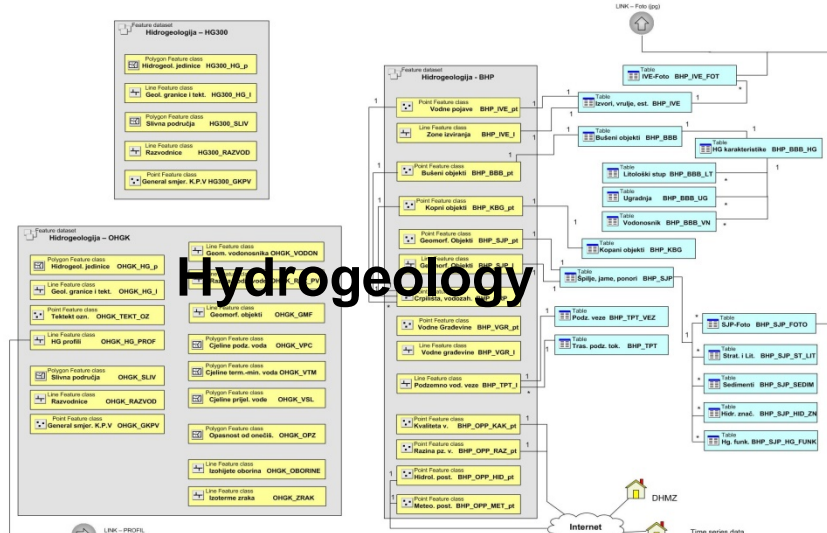


Existing in situ data in the Geological Survey

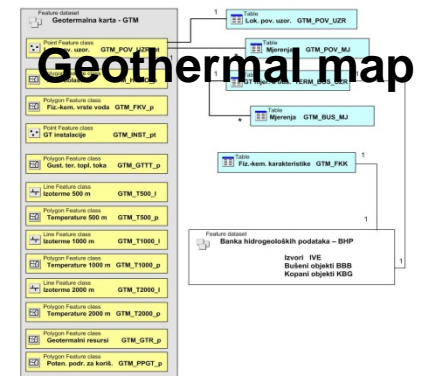
Geological maps



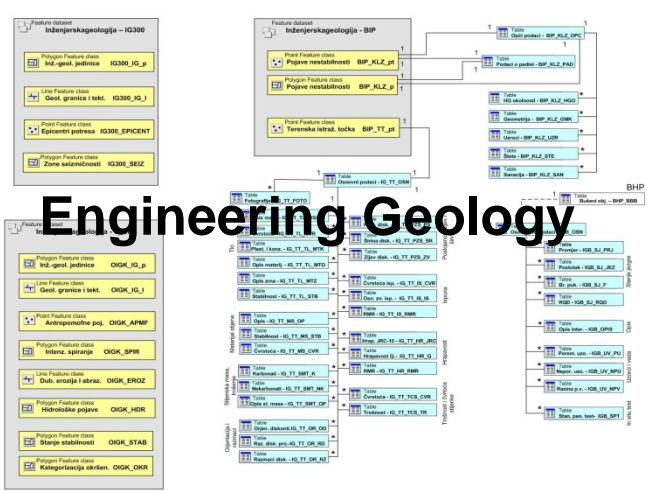
Hydrogeology



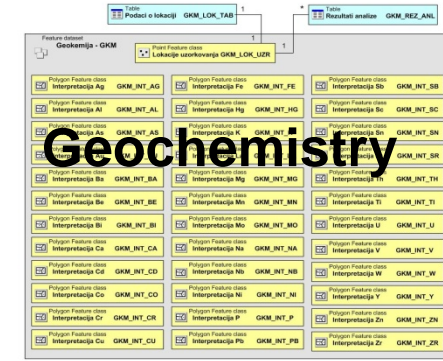
Geothermal map



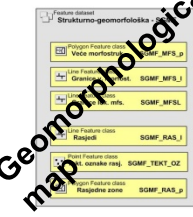
Engineering Geology



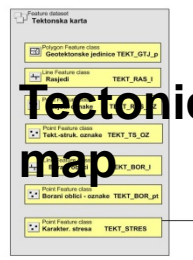
Geochemistry



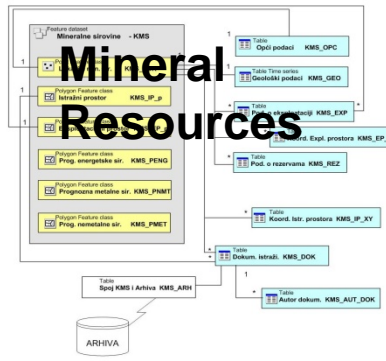
Geomorphological map



Tectonic map



Mineral Resources





Possible stakeholders in country

Government of Federation of Bosnia and Herzegovina

Ministries

Ministry of Energy, Mining and Industry

Ministry of Physical Planning

Ministry of Agriculture, Water-Management and Forestry

Ministry of Environment and Tourism

Independent Federal Department and Administrative Organizations

Federal Institute for Hydrometeorology

Federal Institute for Development Programming

Federal Department of Civilian Protection

Federal Institute for Agropedology

Federal Institute for Agriculture

Federal Agro-Mediterranean Institute



Possible stakeholders in country

Public companies in FBiH

Public Enterprise Electric Utility of Bosnia and Herzegovina and its subsidiaries - 7 coal mines (EPBiH Concern)

Other mining companies

Universities

etc.



Relevant legislations and IPR issues, convergence with internationally used codes

LAW on Geological Researches of the Federation of Bosnia and Herzegovina

Law on the exploration and exploitation of oil and gas in the Federation of Bosnia and Herzegovina.

Water Law of the Federation of Bosnia and Herzegovina

Intellectual Property Institute of Bosnia and Herzegovina



Thank you

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18/2/2016, Athens