

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 intiatives toward GEOSS

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

Republic of Kosovo

KOSOVO GEOLOGICAL SURVEY

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IONIC Centre, 11 Lysiou Street Athens, Greece



COMPETENT INSTITUTIONS FOR GEOLOGY SECTOR IN KOSOVA ARE:

- Ministry of Economic Development (MED)
- Kosovo Geological Survey (KGS)
- Independent Commission for Mines and Minerals (ICMM).

Mining Sector Regulatory frameworks

- □ The main principles of the policy of the Government to exploitation of mineral resources based on :
- Constitution of the Republic of Kosovo;
- Law on Mines and Minerals; No. 03/L-163
- Low for Geological Survey; No. 04/L-232
- Mining Strategy;
- Management plan for mineral resource.
- Program implementation on Mining Strategy



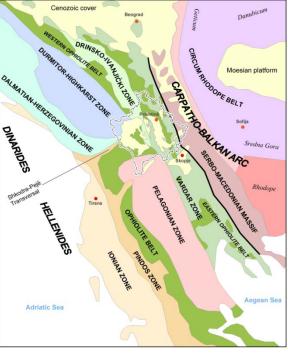




Geological-Geotectonic Setting

- From the geological point of view, Kosovo is in a very interesting territory. The area of Kosovo is characterised by a variety of geological formations
- Kosova has a varied geology that ranges in age from the Neo-Proterozic to the holocene

Figure 1: Geotectonic Units of Central Balkan. modified after SCHÖNENBERG & NEUGEBAUER, 1997; DIMITRIJEVIĆ, 1999; MEÇO & ALIAJ, 2000 et al.



SERBIA MONTENE DA CVZ EVZ BKC ALBANIA GZ MACEDONIA SKZ Geotectonic Units Dardana Mass DM (Serbo-Macedonian M Peië-Prizren basin (with Pejë subbasi IVZ Internal Vardar subzone nd Prizren subbas CVZ Central Vardar subzone Kamenicë basi EVZ External Vardar subzone Podujevā basi DIZ Drinsko-Ivanjički zone Gllogovc basir Pejë zone (with elements of Dinarides Ophio irmitor and Highkarst zone) Cenozoic Volcanic Complexes Decan zone (with elements of Albanian Gashi zone Giakovē zone (with elements of Albanian Mirdita zon GZ /MS Mitrovicē-Samadrexhē volcanic o cluding Ophiolites SKZ Shar-Korabi zone (with e VBU Bube volcanic comp VBC Braine-Carefc volcanic complet VNK Nosale-Kllokot volcanic comple

IORIZON 2020

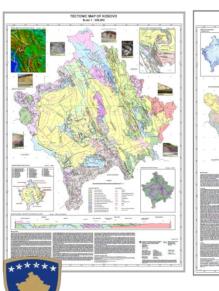


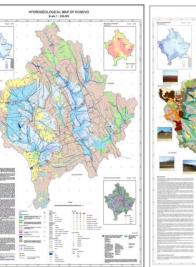


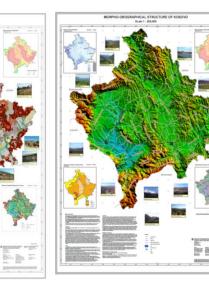
GeoScientific Maps

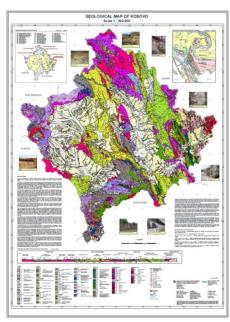
Kosovo Geoscientific map technical program resulted with a series of 1: 200.000 scale maps that show following features;

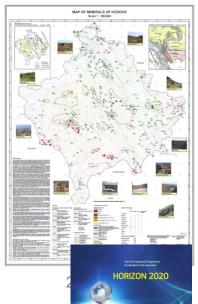
- Geological Maps of Kosovo
- Tectonic Map of Kosovo
- Map of Minerals of Kosovo
- Hidrogeological Map of Kosovo
- Map of Mineral-And Thermal Water of Kosovo
- Morpho-Orographical Structure of Kosovo
- Soil Map of Kosovo









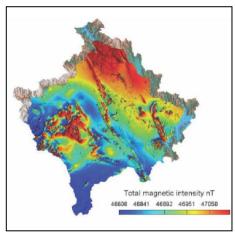


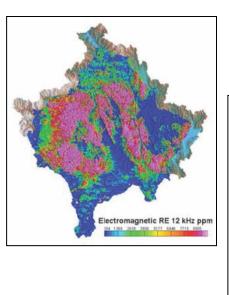


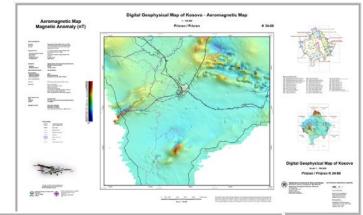
Map. Airborne Geophysical Survey Data

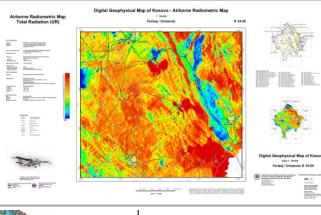
<u>2006 – 2007</u>.

- Magnetics Map of Kosovo
- Electro-Magnetics Map of Kosovo
- Patossium Radiometrics Map of Kosovo









Total radiation UR



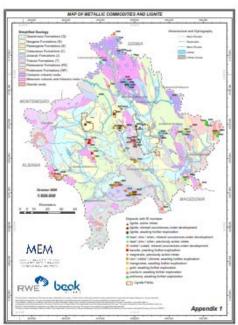


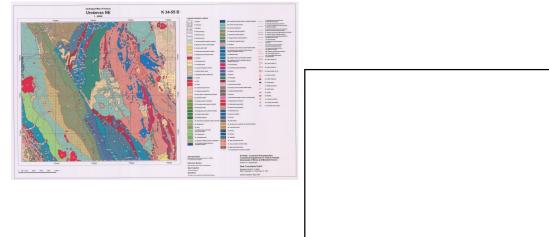


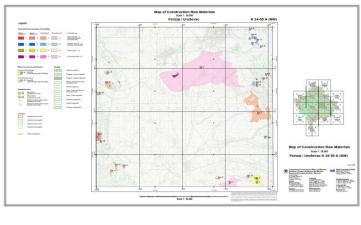
Maps of Construction Raw Materials

Scale of 1:50,000

- A series of 1: 50,000 scale maps that show
- Base map of the captured Construction Row Material
- Map of Non Blocked Construction Raw materials
- Map of Deposit Minerals
- Map of Deposit licensed Status
- Map of Deposit protection Value







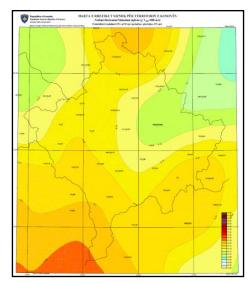


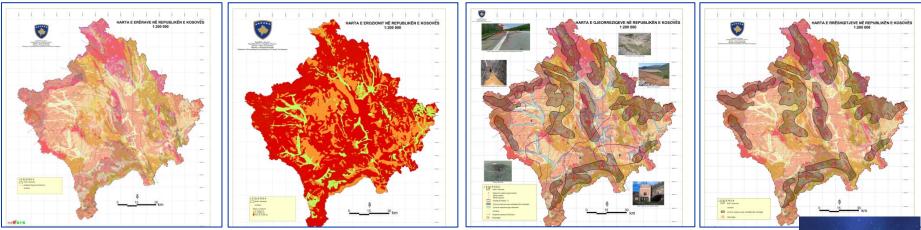




Geo-hazards Map of Kosovo

- Seismic risk map of Kosova
- Wind Map of Kosova scale 1: 200.000
- Erosion Map of Kosova scale 1: 200.000
- Geo harzards Map of Kosova 1: 200.000
- Landslides Map of Kosova scale 1: 200.000









HOME

Layer list 🕑 Help

Orthophoto 2009
 Topographic Maps
 Map 25000 JICA - PRELIMINA

Administrative Units

Municipality

Parcels
Parcel number
Buildings

Address System

Addresses in geoportal

Road names
 Addresses
 Suburban roads

- ↓ Railways G G Address status in Kosovo

SEARCH AND SHOW / U

Corinne Land Cover Map and State

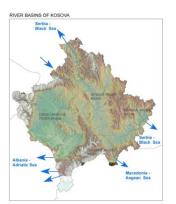
Geoportal

- Artificial Surfaces
- Agricultural Areas
- Forest and semi natural areas
- Wetlands
- Water Bodies

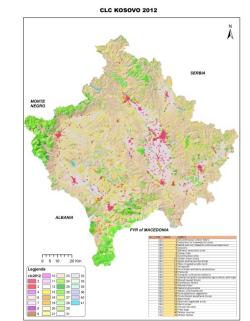
State Geoportal

http://www.kca-ks.org

- Basic Map
- Administrative unit
- Address system
- Referent network







Level 1	Level 2	Level 3	Grid_C ode	RGB
1. ARTIFICIAL SURFACES	1.1Urban fabric	1.1.1 Continuous urban fabric	1	230-000-077
		1.1.2 Discontinuous urban fabric	2	255-000-000
	1.2 Industrial, commercial and transport units	1.2.1 Industrial or commercial units	3	204-077-242
		1.2.2 Road and rail networks and associated land		204-000-000
		1.2.3 Port areas		230-204-204
		1.2.4 Airports	6	230-204-230
	1.3 Mine, dump and construction siles	1.3.1 Mineral extraction alles		166-000-204
		1.3.2 Dump sites	8	166-077-000
		1.3.3 Construction sites		255-077-255
	1.4 Artificial, non-agricultural vegetated areas	1.4.1 Green urban areas 1.4.2 Scort and leisure facilities		255-166-255
		1.4.2 Sport and leisure facilities	11	255-230-255
_			-	255-255-168
2. AGRICUL TURM, AREAS	2.1 Arable land	2.1.1 Non-irrigated arable land		255-255-168
		2.1.2 Permanently imigated land 2.1.3 Rice fields		230-230-000
				230-230-000
	2.2 Permanent crops	2.2.1 Vineyarda		230-128-000 242-166-077
		2.2.2 Fruit trees and berry plantations 2.2.3 Olive groves		242-166-077
				230-166-000
E	2.3 Pastures	2.3.1 Pastures		255-230-166
IC II	2.4 Heterogeneous agricultural areas	2.4.1 Annual crops associated with permanent crops		
5		2.4.2 Complex cultivation patterns	20	255-250-077
2.4		2.4.3 Land principally occupied by agriculture, with significant areas of natural vegetation	21	230-204-077
		2.4.4 Acro-forestry areas	22	242-204-166
			-	
3. FOREST AND SEM NATURAL AREAS	3.1Forests	3.1.1 Broad-leaved forest	23	125-255-000
		3.1.2 Coniferous forest		000-166-000
		3.1.3 Mixed forest	25	077-255-000
	3.2 Scrub and/or herbaceous vegetation associations	3.2.1 Natural grasslands	28	204-242-077
		3.2.2 Moors and heathland	27	105-255-125
		3.2.3 Sclerophylicus vegetation	28	166-230-077
		3.2.4 Transitional woodiand-shrub	23	166-242-000
	3.3 Open spaces with little or no vegetation	3.3.1 Beaches, dures, sands		230-230-230
		3.3.2 Bare rocks		204-204-204
		3.3.3 Sparsely vegetated areas	32	204-255-204
		3.3.4 Burnt areas	33	000-000-000
		3.3.5 Glaciers and perpetual anow	34	166-230-204
			-	
A NET LANDS	4.1 bland wellands	4.1.1 Inland marahes	35	100-100-255
		4.1.2 Peat bogs	3	077-077-255
	4.2 Maritime wellands	4.2.1 Salt marshes	37	204-204-255
* E	+2 Matthe wetands	422 Saines	3	230-230-255
WETL	4.2 Mantime wetands	4.2.2 Salmes 4.2.3 Interidal fats		230-230-255
WETL	+2 Mantime wetands			
	5.1 Inland waters		30	166-166-230
		4.2.3 Intertidal flata	30	165-166-230
		4.2.3 Intertidal flats 5.1.1 Water courses	40	166-166-230
	5.1 Island waters	4.2.3 Interidal fals 5.1.1 Water courses 5.1.2 Water bodies	30 40 41 42 42	166-166-230 000-204-242 128-242-230 000-255-166 166-255-230
	5.1 Island waters	4.2.3 Interidad fats 5.1.1 Water courses 5.1.2 Water bodies 5.2.1 Coastal lagoons	30 40 41 42 42	166-166-230 000-204-242 128-342-230 000-255-166
	5.1 Island waters	4.2.3 Intertidal fata 5.1.1 Water courses 5.1.2 Water bodies 5.1.1 Coastal lagoons 5.2.2 Estavrises	30 40 41 42 42	166-166-230 000-204-242 128-242-230 000-255-166 166-255-230
	5.1 Inland waters 5.2 Matter waters	4.2.3 Intertidal fata 5.1.1 Water courses 5.1.2 Water bodies 5.1.1 Coastal lagoons 5.2.2 Estavrises	30 40 41 42 42	166-166-230 000-204-242 128-242-230 000-255-166 166-255-230
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THANK YOU FOR YOUR ATTENTION!



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