



Federal Ministry
of Food
and Agriculture



Status of National Soil Classification and Information and data on contamination sites – KOSOVO*

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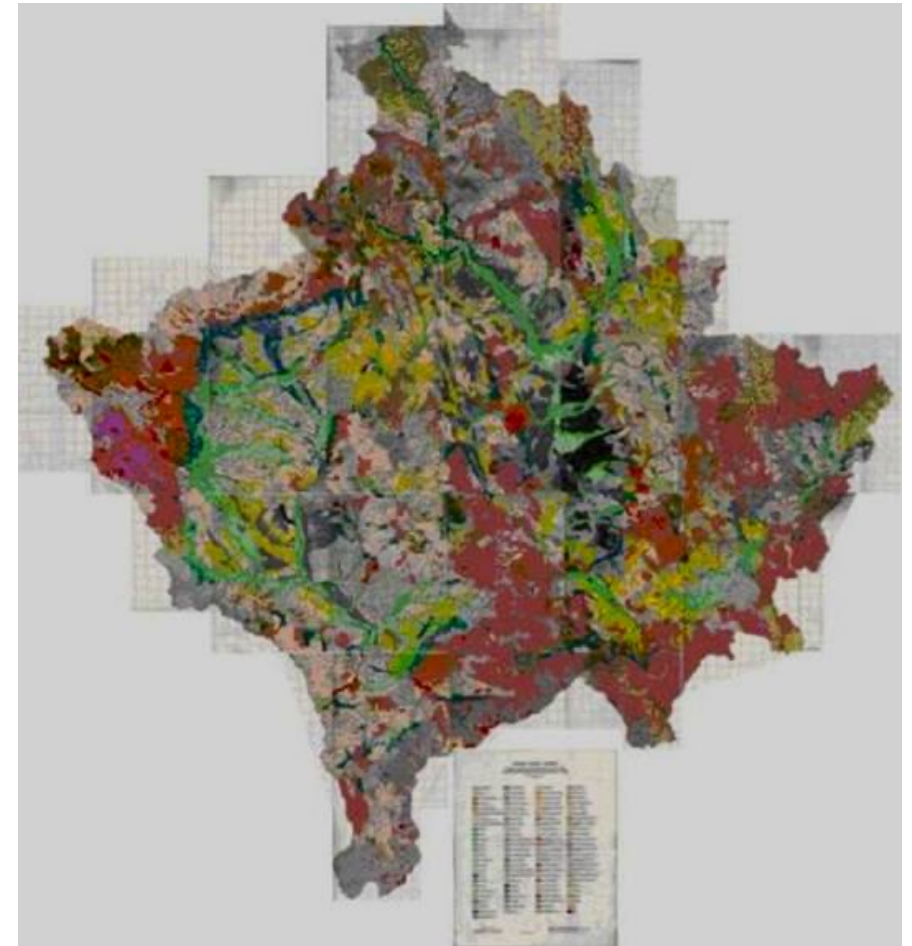
National Soil Classification available graphical and numerical soil datasets

Kosovo Land Atlas IDWE 1974 still serves as the primary source of Kosovo's land information and land issues – In the absence of other adequate sources of land data

- MAFRD took initiative through the engagement of the Agricultural Institute of Kosovo in another project for the Inventory of agricultural and non-agricultural lands in digital format according to the classification WRB 2014 (updated 2015) for the municipalities of Peja, Kline, Istog, Deçan and Junik.
- The Faculty of Agriculture in Prishtina still uses the land systematisation according to the authors: Škorić, Čirić and Filipovski (1985)

The institutions responsible for land monitoring are;

- Kosovo Agricultural Institute, and
- Kosovo Hydrometeorological Institute.



Methodology of Agriculture Land Suitability Classification (MAFRD)

Adm. Instruction No. 02/2012 on Classification of Suitability of Agriculture Land

Specification of classification of suitability of agriculture land is based on 3 groups of main data which are divided on 7 factors:

- 1. Land**
 - 1.1. Type of Land**
 - 1.2. Texture of land**
 - 1.3. Deepness of land**
 - 1.4. Drainage of land**
- 2. Field**
 - 2.1. Sloping**
- 3. Climate (altitude and atmospheric precipitation)**
 - 3.1. High about sea level**
 - 3.2. Annual average atmospheric rainfalls**

The coefficient of the assessment assign based to the seven factors as it is presented in following table

Groups of main data	Factors	Code of factor	Coefficient of the assessment
Land	Land type	A	0.45
	Land texture	B	0.05
	Deepness of land	C	0.10
	Drainage of land	D	0.05
Field	Sloping	E	0.25
Climate	Heightd	F	0.05
	Annual atmospheric rainfalls	G	0.05
	Total		100

Methodology of Agriculture Land Suitability Classification (MAFRD)

Agriculture Land Suitability Classification

Classes SAL	The points SAL	Suitability of Agriculture Land	Group of Agriculture Land
1	85-100	Very good	Kept particularly for agriculture production
2	76-85	Good	
3	66-75	Above average	
4	56-65	Average	
5	46-55	Below average	Decisions to protect the agriculture must be taken based on the value
6	36-45	Poor	Weak land: mainly forestry zone and meadows; it is not reasonable to be kept for agriculture
7	1-35	Very poor	
8	0	Unsuited	Mechanized agriculture ploughing is not possible

Kosovo ALS system is based on the assumption that land is used for conventional mechanized arable agriculture without irrigation.

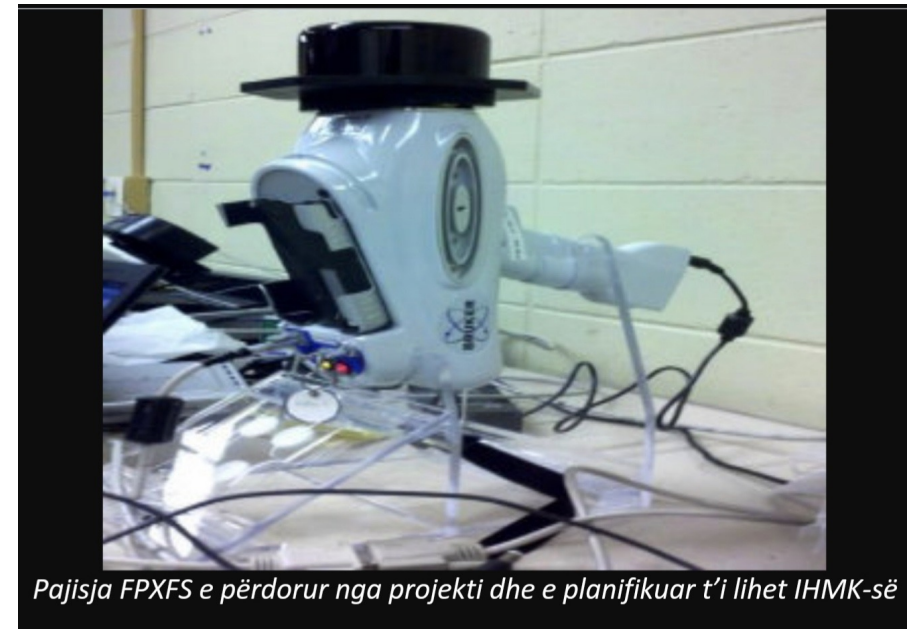
Information and data on contamination sites in the country

Project (GIZ & NIRAS): Agricultural Land Pollution Survey (ALPS) in Kosovo (implemented from March 2013 to March 2015)

Beneficiaries: MESP and MAFRD

As part of a detailed study on agricultural land pollution, 2,804 soil samples were taken from 17 municipalities applying international methodologies (ISO)/ FPXFS.

The results of soil sample analyzes show that the concentrations of heavy metals (Zn, Cu, Cr, Ni, Cd, Pb, Hg, Zn, Cu, As, and Ni) for 17 municipalities are within the Soil Pollutant Standards (SNDH) of the 'Kosovo List' updated for the vast majority of soil samples.



Pajisja FPXFS e përdorur nga projekti dhe e planifikuar t'i lihet IHMK-së

Relation of Land protection with Law on agriculture land

Law on agriculture land is on preparation phase

For the purpose of protecting agricultural land from pollution, it is required to continuously monitor the state and level of pollution of agricultural land from harmful matters including:

- a) Defining the zone and scale of land pollution – inventory;
- b) Continuous monitoring of state and all changes of agricultural land i.e. physical, chemical and biological features;
- c) Establishment of information system for polluted agricultural land.

Challenges regarding land contamination

- Lack of waste recycling system in Kosovo
- Lack of staff in Ministry of Environment and Spatial Planning
- Policy and legislation is not completed
- Polluting activities – very little

Thank you 4 attention!