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Termőföldtől az asztalig

HUNGARIAN CONTRIBUTION TO EIONET SOIL

Judit Berényi Üveges – Szilveszter Csorba

MS experts

29.06.2016.



NRC Soil in National Food-Chain Safety Office



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- Data/information collections connected to soils used by agriculture
- 2 experts:
 - Judit Berényi-Üveges
 - Szilveszter Csorba
- We share tasks needed to answer the queries.
- Close cooperation with colleagues in Ministry of Agriculture



Soil Atlas 2015 (country profiles)



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- **Soil resources in Hungary**
 - *soil-forming factors: parent material, landform and topography, climate and main soil types.*
- **Main soil degradation processes in Hungary**
 - *Erosion*
 - *Soil Sealing/land take (based on land use statistics)*
- **Legislation concerning soil protection**
 - *Act on the conservation of soils used for agricultural production (Act 129/2007)*
 - *The Act on the general rules for environmental protection (94/1995)*



Evaluation of the Hungarian part of European soil property maps



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- **Announcement**
 - *at EIONET NRC Soil meeting held in May 2014 (in Ispra): “Eionet countries will be asked by JRC for feedback-on/validation-of the soil-related maps derived with the help of LUCAS data.”*
- **Validation dataset:**
 - *The Hungarian Detailed Soil Hydrophysical Database (MARTHA)*
- **Validation of the European map of physical soil properties**
 - *Validation of sand-, silt- and clay content maps*
 - *Validation of bulk density map*
 - *Validation of Available Water Capacity map*
- **Validation of the European map of topsoil organic carbon**
- **Cooperation with Pannon University, Georgikon Faculty**



Soil WIKI



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A wiki is created within the DG Environment project “Inventory and Assessment of Soil Protection Policy Instruments in EU Member States”. The aim of the wiki is to gather information about soil policy instruments of the EU Member States.

Hungarian contribution:

Hungary filled out templates provided by EIONET concerning:

- **MS national monitoring system**
- **MS Soil Policy Instruments**



Reviewing documents

- SOER 2015
- NRC profile, EEA work program



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Lessons learned form data collections



- Soil is a complex issue
- To contribute data collections connected to soils need different knowledge not all NRC Soil can answer all the questions
- To contribute to soil wiki 4 responsible organisation/unit was contacted





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Thank you for your attention!

