



Version Française

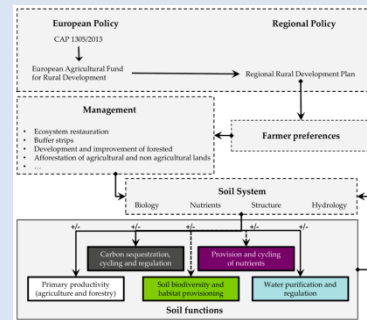
Newsletter #4 (July 2017)

Welcome to the [LANDMARK project](#) newsletter, bringing you highlights of activities since the launch in May 2015. Please feel free to forward it.

[PAPER] [The Impact of Policy Instruments on Soil Multifunctionality in the European Union](#)

Agricultural ecosystems provide a range of benefits that are vital to human well-being. These benefits are dependent on several soil functions that are affected in different ways by legislation from the European Union, national, and regional levels. We evaluated current European Union soil-related legislation and examples of regional legislation with regard to direct and indirect impacts on five soil functions. Our results illustrate the diversity of existing policies and the complex interactions.

Open access on <http://www.mdpi.com/2071-1050/9/3/407>



[Organic is Operational at EIP -AGRI](#)

Past June 2016 LANDMARK participated to the EIP-AGRI workshop 'Organic is Operational' held in Hamburg. Many organic Operational Groups, organic farmers, researchers, advisory services attended this workshop. Through a short interview and an exhibition we exposed the participants to the LANDMARK project, the concept of [soil functions](#), functional land management and the soil navigator..

Download the report, presentations & material <http://eip-agri.us7.list-manage.com/track/click?u=c40406f3cb81288b4051d5632&id=27127318f7&e=5288be15b5>



[BLOG GLOBALLY on the supply of soil functions in European soils](#)

The LANDMARK team collaborates with the [GLOBAL SOIL BIODIVERSITY INITIATIVE](#). We became *BLOGGER FOR A DAY* and wrote a post belonging to a series of global perspectives on the concept of soil health. We discussed about SDGs and their linkages to soil, the soil functions concept, managing our soils across a range of scales and Mapping and Assessing Ecosystem Services.

Read more <http://blog.globalsoilbiodiversity.org/article/2017/03/22/supply-soil-functions-european-soils>



[DOSSIER LANDMARK – Special Edition French Chamber of Agriculture journal](#)

Enjoy a French sneak preview of our results from the 32 LANDMARK workshops run in Austria, Belgium, Denmark, France, Germany and Ireland with local farmers, regional and national stakeholders. The workshops were run by our partners TEAGASC, AGES, University of Copenhagen, the Chamber of Agriculture of Lower Saxony, University of Antwerp, Joint Research Centre of the European Commission, led by the French Chamber of Agriculture APCA. In the journal we describe the stakeholders consultations, the perceptions of soil quality & soil functions, we interviewed the president of the Chamber of Agriculture Seine-Maritime, our project coordinator, our INRA partner, the H2020 project INSPIRATION, the National RNEST and



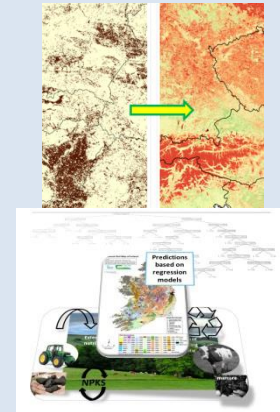
WE PEDOMETRICS

The LANDMARK team actively participated at the scientific PEDOMETRICS conference past June in Wageningen, The Netherlands. Our colleague from [SZIU](#) University showed a pilot example on the soil function carbon sequestration and storage where part of the work on the application the diagnostic approach for the definition of soil functions. Our [JSI-MPS](#) colleague and TEAGASC Walsh Fellow showed the work done on the prediction of mineralizable nitrogen in soils using ensembles of regression models.

Abstracts

<https://static1.squarespace.com/static/5653202ee4b037d305e7fd3e/t/594a537e4fc6b553cd43b9c0/1498043388899/Abstract+Book+Pedometrics+2017.pdf>

Info and presentations <http://landmark2020.eu/past-meetings/>



Roundtable 5

The LANDMARK consortium meets every six months in “roundtables” to align on the work done and mainly on stakeholders demands across the three LANDMARK spatial scales (local, regional and European). Our project partner the [USAMV Cluj-Napoca](#) hosted [Roundtable 5](#) in Cluj-Napoca, Romania on 31st of May – 2nd of June November 2017 in the Transylvania Plain. The consortium had the occasion to visit two farmers: Gheorghe in Viisoara and Felicia in SCDA Turda. We discussed on primary production, cross compliance requirements, national monitoring program and SCDA research on agricultural techniques and seeds production.

Check our photo album

<https://www.facebook.com/teodor.rusu.3/posts/1636517369714479>



LANDMARK grew 4 Publication trees

Our four publication trees visualizes LANDMARK outputs and outcomes to a wide variety of stakeholders and the public. Choose one of our 4 scientific papers, look at the trees and click on the leaves to discover our outreach.

Explore the Publication Trees <http://landmark2020.eu/publication-trees/> n [1](#), [2](#), [3](#) and [4](#)



What does the term “Functional Land Management” mean?

FLM is a conceptual framework for optimising the supply of soil-based ecosystem services.. Continue reading in our [Glossary](#) where we define the five soil functions, the management practices and the soil processes. Translations in DEUTSCHE, ESPAÑOL and ITALIANO are available.

Info <http://landmark2020.eu/work-package/work-package-1/> & glossaries <http://landmark2020.eu/glossary/>

ecosystem	The community of soil organisms (microbes, nematodes, worms, insects, protozoa, etc.)
Functional land management	A conceptual framework for optimising the supply of ecosystem services, grouped together in five soil functions, to the demands at a range of spatial scales, in view to simultaneously meeting agronomic and policy objectives (Schulte et al., 2014; O’Sullivan et al., 2014)
Indicator	An instrument (measurement, dataset, model, etc.)

From TEAGASC to WAGENINGEN University and Research

Since the 1st of May 2017 the coordination of the LANDMARK project moved to a different partner, the Wageningen University and Research partner, specifically the Department of in the Soil Biology and Biological Soil Quality with Prof Rachel Creamer chair.

Please note the new email info.landmark@wur.nl



HAPPY SUMMER BREAK and see you in Wageningen!

The [LANDMARK team](#) is looking forward [collaborating](#) and [engaging](#) with you after the summer break at the Wageningen soil conference - *Soil Science in a Changing World* next 27-31st of August 2017.

Info <http://www.wur.nl/en/Research-Results/Projects-and-programmes/Wageningen-Soil-Conference-2017.htm>



What's next?

- [Wageningen soil conference - Soil Science in a Changing World](#) next 27-31st of August 2017
- [Landmark Roundtable 6](#), Parma, Italy next 23-25th of October 2017
- BES 2017 Annual meeting, Liverpool, UK next December 2017
- [WORLD CONGRESS OF SOIL SCIENCE. Soils to feed and fuel the world](#), Rio de Janeiro, Brazil next 12-17th of August 2018

LANDMARK attended also

[2nd Global Soil Security conference](#) Paris | [Soil Stakeholders conference](#) Bruxelles | [British Ecological Society Annual Meeting 2016](#) Liverpool |

[Commission Agronomie Environnement APCA](#) Paris | [SOILCARE H2020 meeting](#) Chania Crete | [BIO4ECO conference](#) Tervete Latvia | [EGU General Assembly 2017](#) Vienna | [DG CLIMA workshop on climate action in agriculture and forestry](#) Bruxelles | [LANDMARK RP1](#) Bruxelles | [AquaConSoil International conference](#)

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