



Soil fauna - Key to Soil Organic Matter Dynamics and Modelling (KEYSOM)

Workshops, WG and MC Meetings

București, Romania¹
September 27 – 29, 2017

Meeting Agenda

¹ Maria Iamandei hosting (Research-Development Institute for Plant Protection Bucharest, University of Agronomic Sciences and Veterinary Medicine of București)

Wednesday, September 27th

08:30-09:00 Welcome and Registration – USAMV Main Building A, Rectorate

09:00-09:15 – Opening ceremony – Aula Magna “Petre S. Aurelian” Building A, Rectorate

09:15-09:30 – Juan J. Jiménez

Opening remarks of ES1406 Action: Scientific and technical dimensions; advances so far, ongoing activities; objectives of the meeting.

Brief update on tasks and activities performed by the four WGs

Volunteer self-nomination of minute takers for each session, talk and WG meeting

09:30-09:45 – WG1 – State-of-the-art and gap analysis of SOM – soil fauna interactions data
– Common experimentation protocol (update phase 1) – Juliane Filser

09:45-10:15 – WG2 – Soil fauna and soil organic matter interaction model (I) – Sébastien Barot

10:15-10:45 – WG2 – Soil fauna and SOM interaction model (II) – Gaby Deckmyn

10.45-11.00 Coffee break

11:00-11:15 – WG3 – Database and metadata on soil fauna and SOM interaction – Davorka Hackenberger & Paul H. Krogh

11:15-11:30 – WG4 – Dissemination and knowledge management – Paulo Sousa & María J. I. Briones

11:30-12:00 – Invited speaker talk: “From microbes to mites: Detecting macroecological patterns in global soils” – Kelly Ramirez. Netherlands Institute of Ecology

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12:00-13:00 – Participant contributions to the different activities within WGs

- Short presentations (2 min max) from each participant.
- Discussion: what is needed, next steps;



- Contributions of participants including STSMs to the different papers (leading authors and sections);

Pending STSMs during the 3rd period – host institutions, candidates.

13.00-14.30 Lunch

14:30-16:00 – WG meetings

16.00-16:15 Coffee break

16:15-18:00 – WG meetings (cont'd)

Thursday, September 28th

09:00-09:20 – Juliane Filser – KEYSOM field study (Workshop);

- Achievements to date – list of participating institutions; current state of analyses of soil samples (metagenomics, isotope analyses)
- Limitations and constraints of practical experiences thus far;
- Planned activities and time table for Autumn 2017 – Spring 2018
- New protocols – Litter decomposition exp.

09:20-10:45 – Working group meeting on field experimentation

10.45-11.00 Coffee break

11:00-13:00 – WG meetings;

13.00-14.30 lunch

14:30 -15:30 – Field visit to USAMV orchards (inside University Campus) and group photo in front of University of Agronomic Sciences and Veterinary Medicine of București

15:30-16:45- WG meetings cont'd

16:45-17:00 Coffee break

17:00-18:00 – WG meetings cont'd

19:30 – 21:30 – Get together and common dinner at Romanian Traditional Restaurant (<http://www.hanumanucrestarant.ro/en/our-story>)



Friday, September 29th

WG3 WORKSHOP – Addressing the issues of data sharing and improvement of soil biodiversity database usage – D. Hackenberger chair

09:00-09:30 – “IsoMemo: a partnership-based initiative for Big isotope Data” – Yiming Wang - Christian-Albrechts-Universität zu Kiel

09:30-10:00 – "Functional characterisation of soil macroinvertebrate communities with biodiversity genomics" – Miklós Bálint - Senckenberg Gesellschaft für Naturforschung Biodiversity and Climate Research

10:00-10:30 – “The Edaphobase soil-zoological data warehouse - Introduction and development” – Stephan Lesch – Görlitz Senckenberg Museum für Naturkunde Görlitz

10.30-10.45 Coffee break

10:50-11:20 – “IsoMemo technical overviews of database preparation” – Ricardo Fernandes – Max Planck Institute for the Science of Human History

10:45-12:30 – General discussion. Topics to be covered

1. Input of genetic data in a database
2. Specification of KEYSOM modellers need for databases (if any)
3. Uploading data to edaphobase by KEYSOM partners
4. Results of a questionnaire – discussion
5. Gathering the data from a common experiment

12.30-14.00 Lunch

14:00 -15:30 – Plenary session. Progress report of all WGs; decisions and forthcoming tasks.

15.30-15.45 Coffee break

15:45-17:00 – MC meeting* (separate agenda for a list of elements)

- Dissemination activities (meetings, webpage information; contributions)
- 2nd KEYSOM Training School – Location, tentative dates (3rd period) and potential trainers;
- STSMs: what? who? where? and when?
- STSMs from ITC

Meeting closure

*If a voting process is initiated by the Action Chair, only MC members are allowed to vote – one single vote for each country (COST Vademecum rules)