



COST Action 18237 EUdaphobase

Final Conference

“Uses and needs of soil-biodiversity data sharing to address European soil health and protection goals”

Venue:

Université Paul Valéry, Montpellier, France

Programme

Evening 0 Sunday 25th 19:00

Get together and dinner at [Restaurant TBA] at 19:00.

Please confirm your attendance to [Jérôme Cortet](#) for booking of a table.

Day 1 Monday 26th

Uses and needs of publicly available soil-biodiversity data (Scientific aspects)	
08:30	Informal. Registration Participants sign attendance list, receive badge
09:00	Welcome greetings introduction: Vice-president of University (Sarah Hatchuel or Nathalie Vienne-Guérin) Organisational practicalities - Jérôme Cortet
09:15	Conference introduction: The ongoing paradigm change regarding data sharing: needs, uses and requirements / the COST Action EUdaphobase - David Russell (Senckenberg)
9:30	Session 1: Background needs for data sharing
09:30	<i>(Title TBA) Soil Monitoring needs in the EU – Baselines, thresholds (?)</i> – Rainer Baritz (EEA) - online
09:50	Soil BON earthworm initiative - Pierre Ganault (Univ. Rouen) - online



10:10	(Title TBA) Soil Health Directive and EU Soil Missions (?) - Panos Panagos (JRC) - online
10:30	Coffee break
10:45	(Title TBA) Data Needs EJP Soil - Claire Chenu EJP SOIL
11:05	EJP Soil Minotaur - Stefano Mocali (CREA-AA)
11:25	EU Horizon eco2adapt Knowledge Base - Alexia Stokes (INRAE)
11:45	Lunch
13:00	(Title TBA) EU Horizon SOB ₄ ES - Maria Biones (Univ. Vigo)
13:20	Stakeholder needs - survey results (WG5) - Stephan Jänsch (ECT)
13:40	Session 2: Use Cases with data sharing
13:45	(Title TBA) Earthworm distribution in Europe - Romy Zeiss (iDiv)
14:05	European Atlas of Soil Fauna (WG2) - Maria Tsiafouli / Jérôme Cortet
14:25	(Title TBA) Large data and modelling - Tom Crowther (WSL) - online
14:45	Coffee break
15:05	Subsession: Trait-based approaches to functional soil biodiversity
15:05	(Title TBA) Functional biogeography and species distribution - Cyrille Violle (CNRS)
15:25	Soil Biodiversity Traits and Ecosystem Services (WG3) - Jonathan Bonfanti?
15:45	(Title TBA) Collembolan Traits (WG3) - Ting-wen Chen (Univ. Göttingen)
16:05	Subsession: EUdaphobase use-case results
16:05	Balkan soil-biodiversity data gaps - Manca Topele (JSI)
16:20	(Title TBA) European Tuber spp. distribution - Žaklina Marjanovic (Belgrade Univ.)
16:35	Soil Biodiversity in protected areas - Maria Papadopoulou (Univ. Thessaloniki)
16:50	Balkan Earthworm distribution - Davorka Hackenberger (Univ. Osijek)
17:05	Enchytraeidae distribution analysis in the Palaeartics - Jiri Schlaghamersky (Univ. Brno), Andrey Zaitsev (Senckenberg)
17:20	Biodiversity network analysis as a tool for soil health assessment - Marko Debeljak (JSI)
17:35	Close for the day, summary, organisational
20:00	Conference dinner at _____



Day 2 Tuesday 27th

Requirements for data sharing and public data provision (Technical aspects)	
08:30	Arrival Participants sign the attendance list
09:00	Session Introduction: Overview of required technical structures for broad-scale data sharing - David Russell (Senckenberg)
09:20	Session 3: Procedures for large-scale data collation
09:20	Enhancing Data Accessibility and Quality in Soil Science: Experiences from the BonaRes Repository and introduction of the novel DQ-Kit Web App - Susanne Lachmuth (BonaRes Data Centre / ZALF)
09:40	Vacant - ISRIC / EUSO?
10:00	Edaphobase data standardisation (WG1) - Jiri/Davorka?
10:15	Coffee Break
10:30	Including microbial data (data fields, taxonomies) (WG7) - Achim / Zaklina?
10:45	Data upload procedure (templates/software/documentation) (WG2) - Stephan Lesch (Senckenberg)
11:05	<i>(Title TBA) Atlas/GlobalCollembola data collation/cleaning? Overviews of available and collated data, data-provider questionnaire responses? (WG2) - Maria Tsiafouli?</i>
11:20	Session 4: Further background needs for data uploads
11:20	Quality control (WG1) - Andrey Zaytsev (Senckenberg)
11:40	Edaphobase data policy (WG2) - David Russell (Senckenberg)
12:50	Lunch
13:00	Session 5: Ontologies and DB linkages
13:00	(Title TBA) Trait Ontology & Knowledge Graphs - Nicolas Le Guillaume (CNRS)
13:20	Edaphobase ontologies (WG4) - Ismael Navas-Delgado (Univ. Malaga) online



13:35	<p style="text-align: center;">Plenary/Panel discussion:</p> <p><i>Suggested short list of topics:</i></p> <ul style="list-style-type: none"> - <i>“linking taxonomic and functional biodiversity”</i> - <i>“database linkages as data layers in overall distributed data infrastructure (à la EOSC)”</i> - <i>“further fields of soil biodiversity data sharing applications”</i> - <i>“Valorization of soil biodiversity services”</i> - <i>etc.</i>
14:45	Coffee break
15:05	Closure talk: summary/highlight of conference topics, gaps & future needs, emerged topics
15:20	EUdaphobase MC Meeting/Report – David Russell (Senckenberg, Chair EUdaphobase)
16:20	Break up - farewell



Virtual attendance (via Zoom)

Topic: CA18237 EUdaphobase final conference

Time: 26 February 2024 8:45 – 27 February 2024 18:00 (CET)

zoom link for virtual attendance
(notice: this possibility will be limited in extent)

<https://senckenberg-de.zoom-x.de/j/62615576248?pwd=Y1RLT0tKLzFWSjIQTGtOVmU1N0o1QT09>

Meeting ID: 626 1557 6248

Passcode: 442600

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Join by H.323

• 64.224.35.50 (Germany)

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