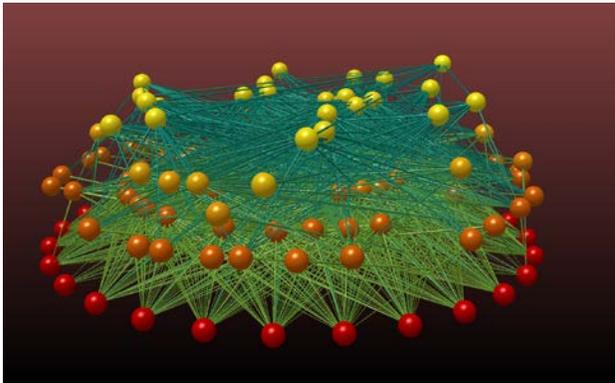


Soil food webs: Linking structure, energy flux and function



Connectedness web visualizing qualitative feeding relationships in an arable soil
(Picture courtesy: Birgit Lang)

Second Circular

2nd to 4th of March 2016

Humboldt-Universität
zu Berlin

The sheer diversity of life in soil is one reason why soil food web research has lagged behind above-ground food web science. Moreover, the feeding habits of many soil living species have not yet been described. This lack of functional information is generally attributed to the opaque nature of soils, the small size of most soil biota and the related technological difficulties.

This workshop brings together scientists from diverse fields in soil science, such as microbiology, zoology, ecology and carbon dynamics. Thereby we aim to bridge the different disciplines working on soil food web structure and energy flow to prompt a better understanding of soil functioning.

The workshop is organized by:

- **GfÖ:** Soil Ecology Group
- **DBG Commission III:** Soil Biology & Soil Ecology
- **DFG FOR 918:** Carbon flow in belowground food webs assessed by isotope tracers

The workshop will take place at the Humboldt-Universität, Berlin-Mitte.

Begin: March 2nd 6 p.m.

End: March 4th 6 p.m.

Many sightseeing spots, such as the Reichstag, the Brandenburg Gate, the Museum Island and the Gendarme Market are within walking distance to the venue.



Humboldt-Universität, Unter den Linden
(Photo by Heike Zappe)



2nd of March – Evening Session

Kick-off:

Peter de Ruiter

(University of Wageningen, The Netherlands)

The art of living together: structure and stability in ecological communities

Get together

2nd of March – Ice Breaker

After the Kick-off talk:

“Tieranatomisches Theater” (Langhans 1790), the oldest academic building in Berlin.

3rd of March - Dinner

At the “Weinhaus Habel” in a typical wine cellar located below a Berlin S-Bahn arch.

Contribution to the workshop:

The focal topics of the workshop are introduced by key-note speakers. Short talks as well as poster contributions matching these key areas are very welcome. This includes all food web compartments from plant resources to microorganisms to fauna as well as new method approaches and modelling studies.

3rd of March - Morning Session

“SOM and resource use”

Johannes Rousk

(University of Lund, Sweden)

The detrital food-web dependence on SOM quality: Revis(it)ing the fungal-to-bacterial divide in a changing world

3rd of March - Afternoon Session

“C and nutrient dynamics”

Eric Paterson

(James Hutton Institute, Aberdeen, UK)

Plant-soil interactions mediating rhizosphere C and N fluxes

4th of March - Morning Session

“Microbial key-players”

George Kowalchuk

(University of Utrecht, The Netherlands)

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4th of March - Afternoon Session

“Multitrophic interactions”

Felicity Crotty

(GWCT, Leicestershire, UK)

Energy and nutrient channels in the soil food web and the impact of agricultural management

Registration and deadlines:

Abstracts	7 th of February
Participation	21 st of February
Fee	70 Euro

The registration fee covers the cost for administration, coffee and ice breaker.

Abstracts for talks and posters:

Please hand in an abstract including all authors and affiliations. Font is Times New Roman and abstract length is restricted to one page.

Accommodation:

The workshop takes place at the Campus North, Philippstraße 13, 10115 Berlin. A list of hotels nearby and a map of the campus will be provided after registration.

For registration please contact:

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