

# Unifying Concepts Pertaining to Organic Matter Reactivity Across Soil, Freshwater and Marine Systems

January 15<sup>th</sup>, 2019

Ekmansalen, Evolutionary Biology Centre

Entrance 14,

Ground Floor <http://www.ebc.uu.se/Find+EBC/>

## 9.00 Opening Remarks

Professor Lars Tranvik  
Dr. Dolly Kothawala

## SOIL SCIENTISTS

**9.15 Professor Michael Schmidt** - University of Zurich, Switzerland.

Title: "We need to talk! Experimentalists and modelers need to join forces because the next generation of Earth system models needs new experiments to inform soil modules."

**9.45 Professor Karsten Kalbitz** - Technical University of Dresden, Germany.

Title: "Organic matter reactivity at the interface of soil and water - mineral surfaces as hot spots of carbon retention and turnover."

## 10.15 - 10.45 Coffee Break

**10.45 Dr. Bertrand Guenet** - French National Centre for Scientific Research, France.

Title: "Representing the organic matter mineralization: why freshwater, marine and terrestrial ecosystems models are so different?"

## 11.15 - 11.30 Soil Panel Discussion

## 11.30 - 12.45 Lunch

## FRESHWATER SCIENTISTS

**12.45 Professor Irena Creed** - University of Saskatoon, Canada.

Title: "Moving beyond the catchment boundaries."

**13.15 Dr. Núria Catalán** - Freshwater Research Institute (ICRA), Girona, Spain.

Title: "Organic carbon reactivity across (aquatic) ecosystems and scales."

## 13.45 - 14.15 Coffee Break

**14.15 Dr. Anne Kellerman** - Florida State University, United States of America.

Title: "DOM composition across the aquatic continuum."

**14.45 Professor Chris Evans** - Center of Ecology and Hydrology, Bangor, United Kingdom.

Title: "DOM processing from headwaters to estuaries"

## 15.15 - 15.30 Freshwater Panel Discussion

## 15.30 - 15.45 Leg Stretch

## MARINE SCIENTISTS

**15.45 Professor Carol Arnosti** - University of North Carolina, Chapel Hill, United States.

Title: "Contrasting actors and factors control carbon cycling in seawater and sediments".

## 16.15 - 16.30 Marine Panel Discussion

**16.30 Closing Remarks** - Dr. Rafa Marcé

For more information, see:

<https://kothawala.weebly.com/vr-conference-grant.html>