



Kickoff meeting
University of Oslo
Domus Academica
May 8 - 10, 2019

EMERALD kickoff meeting

Agenda

Wednesday May 8

12:00-13:00 Registration

Opening session in Gamle Festsal

Welcome addresses

Chair person: Brit Lisa Skjelkvåle

13:00-13:50 *Frode Stordal, EMERALD coordinator, University of Oslo, Department of Geosciences*

Svein Stølen, Rector, University of Oslo

Fridtjof Fossum Unander, Executive Director, Division for Resource Industries and the Environment, The Research Council of Norway

Morten Dæhlen, Dean, Faculty of Mathematics and Natural Sciences, University of Oslo

Tone Lindheim, Museum Director, Natural History Museum, University of Oslo

Scientific overview presentation

Chair person: Brit Lisa Skjelkvåle

13:50-14:15 The role of soil-moisture dynamics in hydrology and meteorology

Eleanor M Blyth, Centre For Ecology & Hydrology (CEH), UK

14:15-15:00 Coffee break

***The meeting from here and on will be held in lecture rooms on the 2nd floor of the same building
Theologisk eksamenssal (mainly), and Auditoriums 5 and 6 (occasionally)***

Scientific presentation: International Network member

Chair person: Jarle Bjerke

15:00-15:25 Satellite data products of vegetation in Support of Emerald Research

Ranga Myneni, Boston University, US

Brief presentations of EMERALD work and participants

Chair person: Jarle Bjerke

15:25-15:35 WP1: Land surface model evaluation and improvement

Olav Skarpaas, University of Oslo

15:35-15:45 WP2: Improved process understanding from observations and experiments

Jarle Bjerke, NINA Tromsø

15:45-15:55 WP3: Implementation in NorESM and quantification of feedbacks

Terje Berntsen, University of Oslo

15:55-16:05 WP4: Dissemination and communication

Hege Hisdal, The Norwegian Water Resources and Energy Directorate

16:05-17:00 Short presentations (1 slide per person, template provided)

EMERALD participants

17:00-17:15 Short break

Planning of first 18 months*Chair person: Jarle Bjerke*

- 17:15-18:00 WP4: Dissemination and communication
Group discussions, introduced by H Hisdal
- 18:00-18:30 WP4: Dissemination and communication
Plenary discussion
- 20:00-22:00 Dinner, restaurant block reservation

Thursday May 9

- 09:00-09:15 Summary of Day 1
Frode Stordal and Lena Tallaksen, University of Oslo Department of Geosciences

Scientific presentations: CBA leader and EMERALD participants *Chair person: Ryan Bright*

- 09:15-09:30 Introduction of the Centre for Biogeochemistry in the Anthropocene (CBA)
Dag Hessen, University of Oslo, Department of Biosciences
- 10:00-10:20 High-latitude cloud-climate feedbacks - small-scale processes with large-scale impacts
Trude Storelvmo, University of Oslo, Department of Geosciences
- 10:20-10:40 Turbulent Dispersion: A glimpse on its properties and its role in understanding Physical, Chemical and Ecological processes near the earth surface
Massimo Cassiani, Norwegian Institute of Air Research (NILU)
- 10:40-11:00 CLM and FATES developments
Rosie Fisher, National Center for Atmospheric Research (NCAR), US
- 11:00-11:15 Discussion
- 11:15-11:30 Coffee

Planning of first 18 months*Chair person: Hanna Lee*

- 11:30-12:30 WP1-3 Scientific work
Group discussions, introduced by O Skarpaas, V Vandvik, T Berntsen
- 12:30-13:30 Lunch
- 13:30-15:30 *Group discussions (continued)*
- 15:30-16:00 Coffee
- 16:00-17:30 WP1-3 Scientific work
Plenary discussion
- 19:00-22:00 EMERALD dinner in Ekebergrestauranten

Friday May 10

09:00-09:15 Summary of Day 2
Frode Stordal and Lena Tallaksen, University of Oslo Department of Geosciences

Scientific presentations: International Network members *Chair person: Vigdis Vandvik*

09:15-09:40 Vegetation change in the Arctic: can we move beyond the plant functional types?
Robert Björk, University of Gothenburg, Sweden

09:40-10:05 Arctic greenhouse gas exchanges as a climate influencer
Torben Christensen, Aarhus University, Denmark

10:05-10:30 Research frontier in catchment hydrology and field studies
Hannu Marttila, University of Oulu, Finland

Planning of first 18 months *Chair person: Anders Bryn*

10:30-11:00 EMERALD concept paper
Group discussions, introduced by A Bryn

11:00-11:30 Coffee

11:30-12:00 EMERALD concept paper
Plenary discussion

International collaboration *Chair person: Lena Tallaksen*

12:00-12:30 International collaborators and their roles
EMERALD International Network and beyond
Plenary discussion, introduced by F Stordal and L Tallaksen

Closing session *Chair person: Lena Tallaksen*

12:30-13:00 Closing remarks, including feedback from EMERALD International Network members

13:00-14:00 Lunch