

Agenda 'C-CASCADES Mid-Term Review Meeting'

January 26th – 27th, 2016 – ETHZ, Universitatestrasse 16, Zurich, room CHN F42

Thursday, 26th of January:

14:00 – 14:15: Introduction – Prof. J. Curtius (external expert) / P.Regnier (coordinator)

14:15 – 14:45: Tour de table – all senior scientists / Partner organisations

- Presentation of their research team
- Description of their role within the network

14:45 – 15:05: Scientific Report – P.Regnier (Coordinator)

- The scientific, technological or socio-economic reasons for carrying out research in the field covered by the research;
- The research objectives of the network;
- Scientific highlights of the work so far and advancement on the state-of-the-art.
- Questions & Answers

15:05 – 15:20: Training Report – P. Friedlingstein / L. Rodrigues (Training coordinator/manager)

- The training programme and the career development achievements;
- Secondments; Complementary skills;
- Training events open to external participants (past and future)
- Questions & Answers

15:20 – 15:40: Networking / Outreach Report – P. Regnier (Coordinator) / P. Ciais (Outreach coordinator)

- How the Network functions and how the beneficiaries cooperate in practice; Interaction with private sector (P. Regnier)
- Dissemination and outreach activities (P. Ciais)
- Questions & Answers

15:40 – 15:50: Management Report – E. Mainetti (Project Manager)

- Recruitment report; Deliverables; Milestones; Management meetings;
- Financial aspects;
- Critical implementation risks and mitigation actions; Amendment
- Questions & Answers

15:50 – 16:15: Restricted session – External expert / Beneficiaries / Management team

- Financial statement, Periodic Report

16:15 – 16:45: Coffee-Break

16:45 – 18h05: Presentation of ESRs from WP1

- Intro by G. Weyhenmeyer (5 min)
- ESR1 – Anna Canning (KM Contros): Optimization and adaptation of sensors for CO₂, CH₄ and O₂ across the full river-ocean mixing regime
- ESR2 – asa Horgby (EPFL): Temporal variation of greenhouse gas fluxes (CO₂, CH₄, N₂O) from headwaters to downstream water systems
- ESR3 – Jo Snoalv (UNEXE): Particulate organic carbon dynamics along the LOAC
- ESR4 – Anna Nydahl (UU): Influence of organic carbon quality changes on greenhouse gas emissions from inland waters
- ESR5 – Audrey Marescaux (CNRS-IPSL): Carbon cycling in the aquatic continuum of the Seine River basin

19:00: Dinner

Friday, 27th of January:

8:30 – 9:50: Presentation of ESRs from WP2

- Intro by N. Gruber (5 min)
- ESR6 – Marie Maier (ETHZ): The role of deltas as carbon sinks and sources – a study of the Danube
- ESR7 – Andreas Androulakis (Deltares): Catchment / continent scale model for organic carbon and particle dynamics in Europe
- ESR8 – Domitille Louchard (ETHZ): The imprint of the Amazon River system on the Atlantic Ocean carbon cycle
- ESR9 – Jens Terhaar (CNRS-IPSL): Effects of river delivery of nutrients and carbon on biogeochemistry of the Arctic Ocean under future climate change
- ESR10 – Matteo Puglini (MPG): The role of Arctic sub-sea permafrost in the carbon cycle

9:50 – 10:00: Coffee-break

10:00 – 11:20: Presentation of ESRs from WP3

- Intro by T. Ilyina (5 min)
- ESR11 – Adam Hastie (ULB): Reservoir and lake effect on carbon fluxes through the LOAC
- ESR12 – Philip Pika (UNIVBRIS/ULB): Carbon burial, benthic-pelagic coupling and feedbacks on the global carbon cycle
- ESR13 – Mahdi (Andre) Nakhavali (UNEXE): Representation of lateral transfer of Dissolved Organic Carbon (DOC) from land to the river system in JULES
- ESR14 – Simon Bowring (CNRS-IPSL): Modeling Dissolved Organic Carbon (DOC) river transport at global scale in the ORCHIDEE process based land surface model, from soils emissions to estuaries
- ESR15 – Fabrice Lacroix (MPG): Global and regional contribution of riverine fluxes to ocean carbon and nutrient cycling

11:20 – 12:20: Meeting between the external expert and the ESRs

12:20 – 13:00: Feedback and Open discussion – External expert (J. Curtius) / Consortium

- Feedback from J. Curtius (external expert)
- Discussion

13:00: End of the Mid-Term Review Meeting.

13:30: Lunch

14:30 – 17:30: Networking – ESRs / senior scientists / Management team

- Feedback from P. Van Cappellen and A. Manning (EAC)
- Discussion