Agenda 'C-CASCADES Annual Meeting 3'

January 22nd-23rd, 2018

Max Planck Institute for Meteorology – Bundesstrasse 53, Hamburg, Germany – Room B-101

Monday, 22nd of January:

13:00 – 13:40: WP6 Management – P.Regnier / E. Mainetti-Cloarec

- Implementation of feedbacks from EU (J. Curtius) and EAC (P. van Capellen & A. Manning)
- Deliverables & Milestones: Final report
- ANM4
- Finance
- Executive Board meetings

13:40 – 14:15: WP5 Outreach and Dissemination – P. Ciais / E. Mainetti-Cloarec

- Deliverable D5.3: Interactive Maps
- Deliverable D5.4: Press Event
- EGU2018 special session
- Videos of ESRs
- Website/social media/communication
- Publications

14:15-18:00: Presentation of ESRs from WP1 (40 min/ESR: 20min presentation+20min questions)

- Intro by G. Weyhenmeyer (5 min)
- 14h20 - ESR1 – Anna Canning (KM Contros): Optimization and adaptation of sensors for CO_2, CH_4 and O_2 across the full river-ocean mixing regime
- 15h00 - ESR2 – Åsa Horgby (EPFL): Temporal variation of greenhouse gas fluxes (CO_2, CH_4, N_2O) from headwaters to downstream water systems

15h40-16h00: Coffee-break

- 16h00 - ESR3 – Jo Snöälv (UNEXE): Particulate organic carbon dynamics along the LOAC
- 16h40 - ESR4 – Anna Nydahl (UU): Influence of organic carbon quality changes on greenhouse gas emissions from inland waters
- 17h20 - ESR5 – Audrey Marescaux (CNRS-IPSL): Organic carbon pathways in the Seine River system

18:00 – 18:30: WP4 Training – P. Friedlingstein

- CDP
- Secondments
- Report on Training: TW2, TW4, TW5
- Future Training: MC3, TW6 (L. Osté, Deltares)

19:30: Dinner

Agenda 'C-CASCADES Annual Meeting 3' – Part 2

January 22nd-23rd, 2018

Max Planck Institute for Meteorology – Bundesstrasse 53, Hamburg, Germany – Room B-101

Tuesday, 23rd of January:

9:00 – 12:45: Presentation of ESRs from WP3 (40 min/ESR: 20min presentation+20min questions)

- Intro by T. Ilyina (5 min)
- 9h05 - ESR11 – Adam Hastie (ULB): Reservoir and lake effect on carbon fluxes through the LOAC
- 9h45 - ESR13 – Mahdi (Andre) Nakhavali (UNEXE): Representation of lateral transfer of Dissolved Organic Carbon (DOC) from land to the river system in JULES
- 10h25 - 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

11h05-11h25: Coffee-break

- 11h25 - ESR15 – Fabrice Lacroix (MPG): Global and regional contribution of riverine fluxes to ocean carbon and nutrient cycling
- 12h05 - ESR9 – Jens Terhaar (CNRS-IPSL): Effects of river delivery of nutrients and carbon on biogeochemistry of the Arctic Ocean under future climate change

12:45 – 14:00: Lunch

14:00 – 17:45: Presentation of ESRs from WP2 (40 min/ESR: 20min presentation+20min questions)

- Intro of WP2 by N. Gruber (5 min)
- 14h05 - Leonard Osté (Deltares): Summary of the work achieved by Andreas Androulakakis (ESR7) on 'Catchment / continent scale model for organic carbon and particle dynamics in Europe'
- 14h45 - ESR6 – Marie Maier (ETHZ): The role of deltas as carbon sinks and sources – a study of the Danube
- 15h25 - ESR8 – Domitille Louchard (ETHZ): The imprint of the Amazon River system on the Atlantic Ocean carbon cycle

16h05-16h25: Coffee-break: 20 min

- 16h25 - ESR10 – Matteo Puglini (MPG): The role of Arctic sub-sea permafrost in the carbon cycle
- 17h05 - ESR12 – Philip Pika (UNIVBRIS/ULB): Carbon burial, benthic-pelagic coupling and feedbacks on the global carbon cycle

17:45 – 18:30: Consortium feedback and discussion

19:30: Dinner