

Mini Conference 2 Brief Description

Title: C-CASCADES Mini Conference 2 – From land to the ocean: processes and budgets

Date(s): 24th – 26st January 2017

Location: ETH Zurich, Zurich, Switzerland

Lead institution: ETH Zurich

Type: Mini Conference

Contact name: Leo Rodrigues

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Local Contact: Nicolas Gruber

Local contact email: nicolas.gruber@env.ethz.ch

Description:

The main objective of this C-CASCADES Mini Conference is to make a substantial step forward in our synthetic and quantitative understanding of the transport and transformation of organic carbon from the land through the aquatic continuum into the ocean. We thereby focus on the Arctic and Atlantic basins, but covering systems ranging from all latitudes.

This workshop is meant to initiate a process that leads to a series of review papers on this topic, covering all aspects from processes to models, always with a view toward the quantitative.

Structurally, the mini-conference consists of 3 parts:

1. input talks by a range of experts (6x30' min talks);
2. mini-talks (pecha kucha style) and poster session; and
3. breakout groups with intense discussions, i.e., where we plan to work specifically toward the specific goals.

Participants will act as rapporteurs in the individual breakout sessions, and will use this material together with the input from the talks to write a critical summary of the outcomes of the workshop.

Outcome for all participants: ECTS credit certificate

The participants are expected to acquire the following skills and knowledge during this mini conference:

- 1 - Understanding the key processes of the C-Cascade from the land to the ocean.
- 2 - Acting as a rapporteur in a scientific working group.
- 3 - Presenting and discussing results in a scientific setting.

Assessment criteria:

1 - Individual rapporteur reports from the break-out groups (1 x A4). To be submitted electronically by 25 January 2017.

2 – Group synthesis reports (ca 6 x A4) building on the rapporteur reports, but reflecting more deeply on the outcomes of the working groups, structured as a synopsis of a review paper. To be submitted electronically by 26 February 2017;

3 – Individual poster (A0) or pecha kucha talk on current research. To be submitted on 24 January 2017;

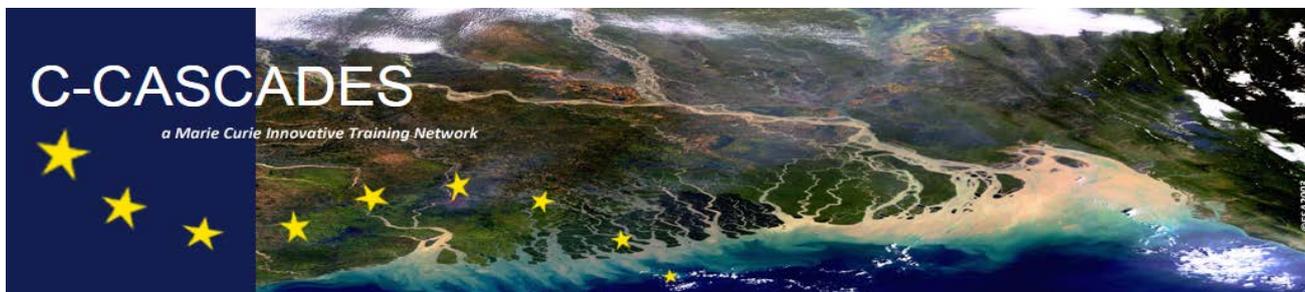
4 – Overall engagement in the mini conference, such as expert lectures and discussions.

ECTS awarded: 4

Awarding institution: ETH Zurich

Registration:

If you wish to register for this event, please send an email (including a CV and a motivation letter for non-C-CASCADES students), before 16 December 2016 to the "Contact email" above and add to the subject line "C-CASCADES Mini Conference 2 external application". *Maximum participants: 20.*



Indicative Timetable

Tuesday, 24th January 2017 (room CHN C14)

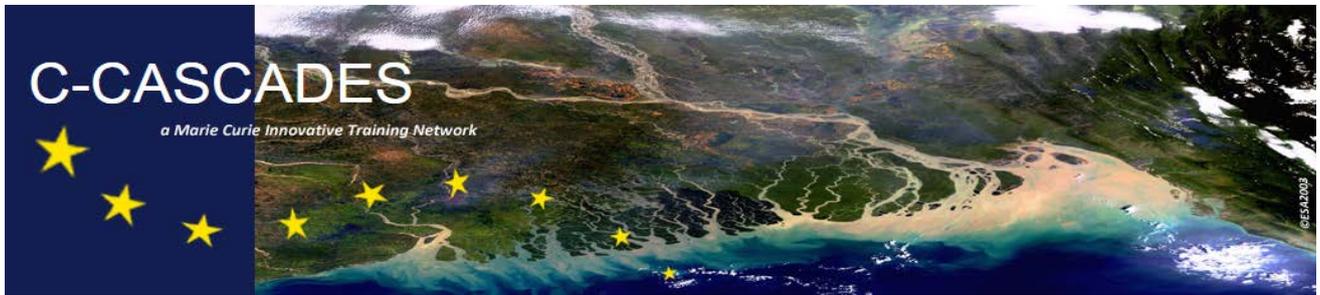
- 09:00-09:15 **Nicolas Gruber** (ETHZ) - *Welcome and Introduction*
- 09:15-09:45 **Tim Eglinton** (ETHZ) - *Chemical signatures of the land-ocean continuum*
- 09:45-10:15 **Jorien Vonk** (VU Amsterdam) - *Cascading Carbon in the Arctic*
- 10:15-10:30 Joint Discussion
- 10:30-11:00 Coffee Break (Green Floor)
- 11:00-11:30 **Philippe Van Cappellen** (Univ. Waterloo) - *Pools and cascades: Dams and ponds*
- 11:30-12:00 **Christiane Zarfl** (Univ. Tübingen) - *Stop and Go: Flushing and Floating organic C*
- 12:00-12:15 Joint Discussion
- 12:30-14:00 Lunch (Green Floor)
- 14:00-14:30 **Thomas Bianchi** (Univ. Florida) - *Cascading Carbon in the Mississippi*
- 14:30-15:00 **Gwenaël Abril** (Univ. Bordeaux) - *Cascading Carbon in the Amazon*
- 15:00-15:30 Joint Discussion
- 15:30-16:00 Coffee Break (Green Floor)
- 16:00-16:30 Pecha Kucha Talks
- 16:30- 18:00 Poster Session
- 19:00 Dinner (individual)

Wednesday, 25th January 2017 (rooms CHN C14, CHN F42 and CHN F46)

- 09:00-09:15 **Nicolas Gruber** (ETHZ) - *Introduction to the Breakout groups*
- 09:15-10:30 Breakout session 1:
- 10:30-12:30 Breakout session 2:
- 12:30-14:00 Lunch (Green Floor)
- 14:00-15:30 Breakout session 3
- 15:30-16:00 Coffee Break (Green Floor)
- 16:00-17:00 Breakout session 4
- 17:00-18:00 Preparation of feedback & synthesis
- 19:00 Joint Dinner

Thursday, 26th January, 2017 (room CHN C14)

- 09:00-09:45 Report from working groups
- 09:45-10:15 Discussion
- 10:15-10:30 Next Steps
- 10:30-11:00 Coffee Break (Green Floor)
- 11:00-11:30 Next Steps
- 11:30-12:30 Final talk (speaker TBD)



Logistics brief

Important note: Although the training event itself is free to attend for external participants, any other costs, such as accommodation, travel and subsistence, are to be covered by them. Further information will be provided once an offer to attend is firmly accepted.

Location

ETH Zürich

Universitätstrasse 16
8092 Zürich
Switzerland

Lecture room: [CHN C 14](#)

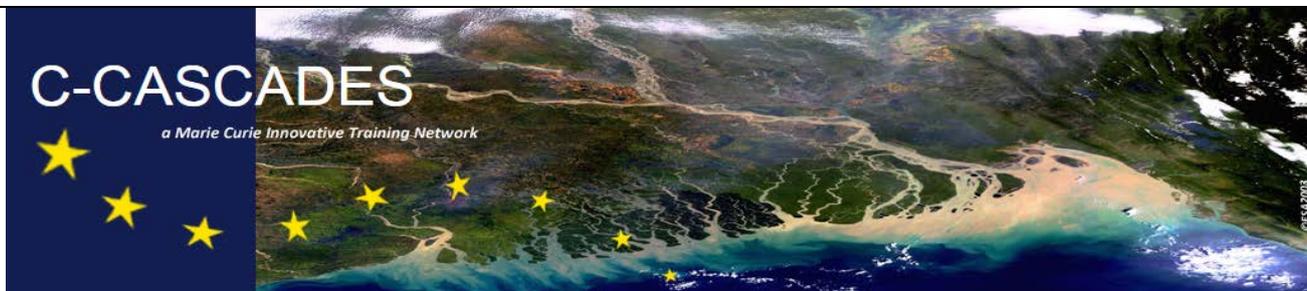
Access by public transport

1 – Tram Lines 9, 10; stop ‘Haldenbach’

3 - Enclosed a link to [Tram website](#). Below a map of the campus of ETHZ

Map





Indicative Syllabus

Block 1: Individual presentations (Poster & Pecha Kucha)	
Length: 30 hrs preparation time + 1 hr presentation (31 hrs)	Time slot: various
Trainer: various	Requirement: poster
Description: Participants will present an individual poster (A0) or a pecha kucha talk on their current research.	
Block 2: Research discussions & rapporteur task	
Length: 8 hrs contact time + 3 hrs preparation time + 1 hr report (12 hrs)	Time slot: various
Trainer: various	Requirement: laptop
Description: Participants will actively participate in the working groups and act as rapporteurs, i.e., taking notes of the discussions, and then summarizing them into a concise document that serves as the basis for the feedback on the following day.	
Block 3: Expert lectures	
Length: 6 hrs contact time + 14 hrs preparation time (20 hrs)	Time slot: various
Trainer: various	Requirement: key articles
Description: Expert lectures will provide the theoretical framework to this mini conference. Participants are required to actively engage with the discussion after each lecture. The <i>a priori</i> reading of key papers will stimulate these discussions.	
Block 4: Group synthesis reports	
Length: 60 hrs preparation time (60 hrs)	Time slot: various
Trainer: various	Requirement: expert lectures, discussions, rapporteur reports
Description: Participants will write group synthesis reports (ca 6 x A4) building on the rapporteur reports, but reflecting more deeply on the outcomes of the working groups, structured as a synopsis of a review paper.	