Ph.D. Course Announcement

Global Elemental Cycles and Environmental Change (3 ECTS)

5 – 9 November 2018

Course Organizer: Daniel Conley, Department of Geology, Lund University

Sponsors: ClimBEco Research School & GeoBiosphere Science Centre, Lund University

Description: The primary purpose of the course is to provide students with an advanced understanding of biogeochemical cycles, their drivers and global change in ecosystems. Detailed knowledge of specific elemental cycles with the transformations and movement of chemical substances will be taught in an integrated perspective. In addition, the emphasis will be on coupling biogeochemical cycles of different elements, the role of microbial drivers and the course will stress the multi-disciplinary nature of environmental change. The course is tailored to enhance the professional competence of Ph.D. students from a range of disciplines, such as physical geography, biology, geology, oceanography and ecology to develop knowledge of processes that effect planet Earth in the past, the present and the future.

The course will be an intensive course covering one week. The course includes lectures, student presentations, an excursion and a modeling session.

Lecturers include:
Daniel Conley, Daniel Metcalfe, Michal Heliasz, Lund University
Caroline Slomp, Utrecht University
Kate Hendry, Bristol University
Riikka Rinnan, Copenhagen University

Course Costs: There are no costs for talking the course. ClimBEco PhD students will have their housing and travelling expenses paid. Non-ClimBEco students will have to pay their own travel and housing.

Application: To be eligible for the course the participant must be enrolled as a PhD-student. Applications from PhD students from outside of Lund University will also be accepted, although the number of external places is limited. Please send in a letter of motivation and your CV by 1 October 2018 and state if you need housing to daniel.conley@geol.lu.se