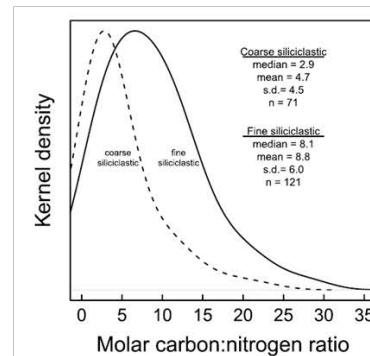


Workshop: 'Nitrogen and Phosphorus in rocks and transfer to ecosystems'



Nutrient weathering from rocks

BECC action group

Moderator: *Louise C. Andresen, Geovetarcentrum*



October 10th in the room 'Nimbus', Geovetarcentrum:

10.00 Professor Ben Houlton, Director of the UC Davis John Muir Institute of the Environment: **'Convergent evidence for widespread rock nitrogen sources in Earth's surface environment'**

11.00 Professor Pierre Cartigny, Director of Research, CNRS, Equipe de Géochimie des Isotopes Stable, IPG-Paris: **'The nitrogen content of the continental crust - more than biological nitrogen fixation and some implications for the Archean atmosphere.'**

13.00 in the room 'Atlanten', Geovetarcentrum

- Matthias Konrad-Schmolke, University of Gothenburg **'Quantification of the N cycling at convergent plate boundaries to yield quantitative constraints on the long term global N budget'**
- Thomas Zack, Department of Earth Sciences, University of Gothenburg. **'Crystal-chemical control on the incorporation of N and P in minerals'**
- Cecilia Akselsson, Lund University: **'Ecosystem model ForSAFE Nitrogen, base cations and Phosphorus'**
- Lin Yu, Lund University **'Role of weathering in forest phosphorus cycle: indications from ForSAFE model'**
- Per Erik Karlsson, IVL, Swedish Environmental Research Institute, **'Nitrogen deposition to Norway spruce forests in Sweden'**
- Hakan Wallander, Lund University **'Transition from N to P limitation in Norway spruce forests'**
- Nicholas Rosenstock, Lund University **'The interplay between nutrient limitation and plant and mycorrhizal foraging for mineral derived nutrients'**
- Tobias Rütting, University of Gothenburg: **'The short term cycle of nitrogen –traced by ¹⁵N'**

Discussion is open, Moderator: *Louise C. Andresen*