

Day	Time	Session	Chairs	Speaker	Title
Thu 14/6	19:30	Informal welcome	Bjarni D. Sigurdsson	Bjarni D. Sigurdsson	Effects of recent climate warming in Iceland: seen changes and ongoing research
Wed 15/6	8:45	Formal opening		Agust Sigurdsson, rector of AUI	Opening of the conference
	9:00	Session I:	Christian Körner Steve Running	Hendrik Poorter	Is plant growth driven by photosynthesis?
	9:30	<i>Carbon availability as a control of carbon sequestration</i>		Christian Körner	Concepts and constraints for scaling from baseline metabolism to ecosystem carbon relations
	10:00				Coffie
	10:30			Reto Stockli	The terrestrial water & carbon cycle in climate models: status and challenges
	11:00			Steve Running	Global scale calculations of the terrestrial carbon and water cycle components with remote sensing
	11:30				Discussion
	12:00				Lunch
	13:00	Session II	Tom DeLuca Elena Shevliakova	Stefan Gerber	Global dynamic land modelling of C & N cycling.
	13:30	<i>Nitrogen limitation and nitrogen fixation</i>		Lianhai Wu	Ecosystem scale modelling of C and N flux incorporating leguminous N fixation in agricultural systems.
	14:00			Sasha Reed	Topic area: Controls on N fixation in tropical ecosystems
	14:30			Michael Gundale	Nitrogen fixation in moss communities in boreal forests and broader influence on ecosystem N cycle.
	15:00				Discussion
	15:30				Coffee

Day	Time	Session	Chairs	Speaker	Title
Wed 15/6	16:00	Session III	Cory Cleveland Lina Mercado	Jon Lloyd	Phosphorus and tropical ecosystem productivity: A critical evaluation of the Vitousek Paradigm 25+ years
	16:30	<i>Phosphorus limitations to plant growth and microbial processes</i>		Ben Turner	Nutrient limitation of above and below-ground productivity in lowland and montane tropical rain forest
	17:00			Lina Mercado	Accounting for N & P limitations in tropical forests using the land component of an earth system model
	17:30			Ben Houlton	A framework for representing P in earth system models
	18:00				Discussion
	18:30		Claus Beier Jeff Dukes		Poster session (1/2 the poster presenters)
	20:00				Dinner
Thu 16/6	9:00	Session IV	Filip Oulehle Christy Goodale	Filip Ouhle	Major changes in forest carbon and nitrogen cycling caused by declining sulphur deposition
	9:30	<i>Acidity and base cation availability as a controlling factor on soil carbon sequestration</i>		Frank Berninger	Long term changes in tree productivity as a response to acid and nitrogenous deposition, evidence from tree rings and isotopes
	10:00				Coffee
	10.30			Vince Gauci	Sulfur deposition and methane emissions from wetland soils
	11:00			April Melvin	Calcium fertilization alters forest carbon storage
	11:30				Discussion
	12:00				Lunch

Day	Time	Session	Chairs	Speaker	Title
Thu 16/6	13:00	Session V	Ben Smith Sarah Hobbie	Rüdiger Grote	Resource-use description in physiologically-based models – A major restriction for describing competition?
	13:30	<i>Ecological adaptation and its impacts, interactions and controls on resource availability</i>		Will Cornwell	Limits to positive feedbacks: a more complete model for community assembly and species' effects on decomposition.
	14:00			Katie Suding	Indirect controls on resource availability: a trait-based effect and response framework to understand when community change matters.
	14:30			Rosie Fisher	The representation of space and stochasticity in one-dimensional and deterministic global vegetation models
	15:00				Discussion
	15:30				Coffee
Thu 16/6	16:00	Session VI	Ivan Janssens Mac Post	Ivan Janssens	N deposition and fertilization reduce soil respiration: Evidence and mechanisms.
	16:30	<i>Nitrogen limitation as a controlling factor for soil carbon dynamics</i>		Peter van Bodegom	Towards global quantification of soil N-C-cycles by coupling trait-based vegetation models to microbial biomass induced soil mineralization models
	17:00			Mac Post	Representations soil carbon dynamics and nitrogen limitation of decomposition in terrestrial ecosystem models: Present and future directions
	17:30			Pam Templer	Impact of nitrogen deposition on carbon storage in terrestrial ecosystems
	18:00				Discussion
	18:30		Claus Beier Jeff Dukes		Poster session (1/2 the poster presenters)
	20:00				Conference dinner
Fri 17/6	9:00		Claus Beier Jeff Dukes	Other chairs	Discussion and wrap-up
	12:00				Lunch and departure