

Programme for ClimMani workshop in Vindeln June 21st – 24th

(Tentative titles are in italics)

Monday 21st

- 1455 Departure from Stockholm to Umeå (SK034)
- 1630 Transport from Umeå - Vindeln (60 km NW of Umeå)
- 1830 Dinner

Tuesday 22nd

- 0730-0830 Breakfast
- 0845-0900 Welcome (Sune Linder, SE, & Claus Beier, DK)

- 0900-1030 **I. *Impacts of Climate Change on phenology*** (Chair: Sune Linder)
- 0900-0930 Satellite observations of forest greenness changes (Ranga Myneni, US)
- 0930-1000 Environmental controls of vegetation succession and ecosystem fluxes on the pristine volcanic island, Surtsey (Bjarni Sigurdsson, IS)
- 1000-1030 The role of time, space, and complexity in global change experiments (Sebastian Leuzinger, CH)
- 1030-1100 Coffee break

- 1100-12-30 **II. *Phenological acclimation and adaptation to Climate Change*** (Chair Josep Peñuelas)
- 1100-1130 *Seasonal temperature acclimation in plants* (Vaughan Hurry, SE)
- 1130-1150 *Effects of time in Mediterranean shrubland* (Marc Estiarte, ES)
- 1150-1210 An ecophysiological approach to modelling bud burst phenology (Heikki Hänninen, FI)
- 1210-1230 Discussion of sessions I & II
- 1230-1330 Lunch

- 1330- 1500 **III. *Trophic mismatches and interactions as an effect of Climate Change*** (Chair: Ivan Janssens)
- 1330-1400 Climate change and invasion: the role of inter vs. intra-annual variation in precipitation (Melinda Smith, US)
- 1400-1420 *Timing of odours* (Iolanda Filella, ES)
- 1420-1440 Responses of soil micro- and mesofauna in grassland mesocosms exposed to climate extremes (Krassimira Ileva-Makulec, PL)
- 1440-1500 Discussion of session III
- 1500-1530 Coffee break

- 1530-1720 **IV. *Importance of timing and duration in manipulation experiments*** (Chair: Claus Beier)
- 1530-1600 *Lagged and postponed responses to manipulations* (Rebecca Sherry, US)
- 1600-1630 Manipulating precipitation regimes in grasslands: The value of extending climate change experiments in time and space (Alan Knapp, US)
- 1630-1700 Effects of seasonal climate manipulations on ecosystem processes in a sub-arctic bog (Rien Aerts, NL)
- 1700-1720 Discussion of session IV
- 1830 Dinner
- 1930-2100 ***Short excursion for those interested*** (Sune Linder)

Wednesday 23rd

- 0730-0830 Breakfast
- 0845-1000 **V. *Experimental approaches in Climate Change experiments*** (Chair: Christian Körner)
- 0845-0915 A whole forest ecosystem warming experiment: Carbon balance response and possible mechanisms (Tom Gower, US)*
- 0915-0935 *Effect of timing and N additions on C partitioning in a pine forest* (Peter Högberg, SE)
- 0935-1000 The impact of elevated [CO₂] and temperature in a boreal Norway spruce forest (Göran Wallin, SE)
- 1000-1030 Coffee break
- 1030-1700 ***Excursion to long-term experimental manipulation sites***
 Kulbäcksliden (Tomas Lundmark)
 Degerö stormyr (Mats Nilsson)
 Flakaliden (Sune Linder)
- 1830 Farewell dinner

Thursday 24th

- 0730-0830 Breakfast
- 0900-1030 Wrap-up discussion
- 1030-1100 Coffee break
- 1100-1300 Steering Committee meeting (Chair: Claus Beier)
- 1100- *Departure to Umeå airport for non-SC members*
- 1250- *Departure to Stockholm (SK2027)*
- 1300-1400 Lunch
- 1400- *Departure to Umeå airport for SC members*
- 1620- *Departure to Stockholm (SK035)*