Programme for NordForsk-LANDCLIM WORKSHOP 5

February 22-24, 2011 at SMHI, Norrköping, Sweden

February 22nd (Tuesday):

09:00-09:10	Welcome & Introduction (Erik Kjellström)
09:10-09:20	Update on the NordForsk LANDCLIM network and presentation of the 5th workshop (Marie-José Gaillard)
09:20-10:00	Fundamentals of climate modelling (Torben Koenigk)
10:00-10:30	*Break, coffee/tea*
10:30-11:15	Global climate modelling (Klaus Wyser)
11:15-12:00	Evaluation of climate models (Per Kållberg)
12:00-12:30	Short presentations of posters and of problems for Thursday afternoon session (1-3 min each)
12:30-13:30	*Lunch*
13:30-14:00	Past and future land-use scenarios in the IPCC CMIP5 simulations (Veronika Gayler and Victor Brovkin)
14:00-14:30	Human impacts on Holocene climate? (Thomas Kleinen)
14:30-15:00	Climate driven changes in European potential natural vegetation as simulated by the LPJ-GUESS. Preliminary results of LANDCLIM project. (Anneli Poska)
15:00-15:30	The RCA3 model (Patrick Samuelsson)
15:30-16:00	*Break, coffee/tea*
16:00-16:30	How can climate model output be used? (Lars Bärring)
16:30-17:00	Downscaling methods (Fredrik Wetterhall)
17:00-18:00	Poster session
18:00-20:00	*Dinner at SMHI*

February 23rd (Wednesday):

09:00-09:30	REVEALS based reconstruction of regional changes in Estonian vegetation during the Holocene (Mihkel Kangur)
09:30-10:00	Ongoing applications of REVEALS and LOVE in Denmark and North Germany (Anne Birgitte Nielsen)
10:00-10:30	LRA REVEALS LOVE: the LANDCLIM projects and beyond (Shinya Sugita)
10:30-11:00	*Break, coffee/tea*
11:00-11:45	Modelling of past cold climates (Jenny Brandefelt)
11:45-12:30	Northern High Latitudes climate response to Mid-Holocene insolation: Model-data comparisons (Qiong Zhang)
12:30-13:30	*Lunch*
13:30-14:15	Using regional climate models in paleoclimate applications (Erik Kjellström)
14:15-14:45	Reconstructions and data-model comparisons of Holocene climate at the European and Northern Hemisphere scale (Basil Davis)
14:45-15:00	Discussion: Lessons learnt?
15:00-15:30	*Break, coffee/tea*
15:30-16:00	*Transport*
16:00-18:00	Visit at Norrköpings Visualiseringscentrum
18:00-	*Dinner in town*

February 24th (Thursday):

09.30-10:00	Update on the Swedish VR LANDCLIM project (Marie-José Gaillard)
10:00-10:30	Climate model results from the VR-LANDCLIM project (Erik Kjellström/Gustav Strandberg)
10:30-11:00	*Break, coffee/tea*
11.00-11:10	Welcome to SMHI (Lena Häll Eriksson)
11.10-11:40	Aspects of European climate around 200 and 6000 cal BP (Ulla Kokfelt)
11:40-12:10	Holocene mean temperatures derived from beetle studies in the Abisko area, N. Sweden (Geoffrey Lemdahl)
12:10-12:30	Wrapping up and outlook
12:30-13:30	*Lunch*
13:30-14:00/30	Further discussion on relevant topics for those interested
14:00/30-17:00	VR-LANDCLIM meeting

List of posters

1. Vojtech Abraham	Pollen productivity estimates in modern agricultural landsape (Central Bohemia)
3. David Rémi	Contribution of Bayesian statistics to characterize the chronological limits of Paris basin's polynozones
4. Michelle Farrell	Leaf morphology as an indicator of past climate
5. Kerstin Haberkorn	Reconstructing socially relevant Holocene climate using proxy records and a climate model
6. Chiara Molinari	Exploring climatic and anthropogenic controls on Holocene biomass burning based on sedimentary charcoal data
7. Cui Qiaoyu	The role of fire in the Holocene forest dynamics of southern Sweden (11 000 cal. BP to modern time): the value of continuous charcoal records and complementary fire proxies
8. Erik Kjellström	21st century changes in the European climate: uncertainties derived from an ensemble of regional climate model simulations