

MONDAY, OCTOBER 26
LS3MIP/LUMIP: COUPLED SIMULATION
 (about 50 people)

Location: ETH Zurich, Universitätstr. 16, CHN L17.1, 8h45-18h30

08:45 - 09:05	Intro	Intro, overview of LandMIP workshop, logistics (Sonia Seneviratne, Bart van den Hurk, Dave Lawrence, Jacob Schewe, local committee)
09:05 - 09:30	LS3MIP	LS3MIP overview, coupled simulations, integration within CMIP6, feedback from CMIP6 and response (LFMIP) (Gerhard Krinner, Bart van den Hurk)
9h30 - 10:45		Coupled snow experiments: Overview of previous and related experiments: <ul style="list-style-type: none"> - '15: SnowMIP experiments (Richard Essery) - '15: Albedo-snow feedbacks and diagnostics (Alex Hall) - '15: Snow-GLACE experiment (Y. Orsolini) - '15: Observations (Chris Derksen, Gerhard Krinner) - '15: Discussion
10:45 - 11:15		Coffee break
11:15 - 12:30	LS3MIP	Coupled soil moisture experiments: Overview of previous and related experiments: '15 GLACE1&2 experiments (Randy Koster/Paul Dirmeyer) <ul style="list-style-type: none"> - '15 GLACE-CMIP5 experiment (Sonia Seneviratne) - '15 SPECS experiments (Herve Douville/Constantin Ardilouze) - '15 Impact of fully coupled ocean set-up, water conservation issue (R. Orth, M. Hauser) - '15 Discussion
12:30 - 13:00		General discussion LS3MIP coupled experiments
13:00 - 14:00		Lunch (tba)
14:00 - 15:00	LS3MIP	General discussion: LS3MIP coupled experiments (including separate break-out groups on snow and soil moisture)
15:00 - 15:30		Coffee break (tba)
15:30 - 15:50	LUMIP	Overview of new land use scenarios and datasets (George Hurtt or Peter Lawrence)
15:50 - 16:15		Overview of model experiments (Dave Lawrence)
16:15 - 16:30		Background on Shared Socioeconomic Pathways (SSPs) and their implications for land use (Kate Calvin)
16:30 - 16:45		Land use change benchmarks (Juan-Pablo Boisier)
16:45 - 17:00		Land use change impacts modulated by land-atmosphere coupling strength (Andy Pitman or Ruth Lorenz)
17:00 - 17:15		Land use change and the carbon cycle (Julia Pongratz or Elena Shevliakova)
17:15 - 17:30		Idealized deforestation experiments (V. Brovkin)
17:30 - 17:45		Limitations in our current understanding of land use change on climate (Nathalie de Noblet)
17:45 - 18:30		General discussion: LUMIP planning, Coordination between LUMIP and LS3MIP

[Evening: joint ILEAPS-GEWEX-CliC discussion (ILEAPS, GEWEX and CliC SSC and panel members)]

TUESDAY, OCTOBER 27:
LMIP, GSWP: OFFLINE SIMULATIONS
 (about 50 people)

Location: ETH Zurich, GEP Pavillon, 08:30 - 17:00

08:30 - 08:40	LMIP	Role of LMIP within LS3MIP and CMIP6 (Bart van den Hurk)
08:40 - 08:55		GSWP1&2: Lessons learned (Paul Dirmeyer)
08:55 - 09:10		Overview of LMIP protocol (Hyungjun Kim)
09:10 - 09:20		Forcing datasets for offline simulations: GSWP3 forcing dataset (Hyungjun Kim)
09:20 - 09:30		Forcing datasets for offline simulations: Princeton forcing dataset (Justin Sheffield)
09:30 - 09:40		Forcing datasets for offline simulations: WFDEI datasets (Graham Weedon)
09:40 - 09:50		Forcing datasets for offline simulations: NCEP-CRU forcing dataset used in Trendy (Nicolas Viovy)
09:50 - 10:10		Overview of GSWP3 first results & Intercomparison of forcing datasets (Hyungjun Kim)
10:10 - 10:30		Discussion: Forcing datasets, GSWP3 results
10:30 - 11:00		Coffee break (Foyer E-Nord)
11:00 - 11:15	LMIP	Earth2Observe overview (Gianpaolo Balsamo or Emanuel Dutra)
11:15 - 11:25		Earth2Observe multi-model water resources reanalysis (Jaap Schellekens)
11:25 - 11:40		ERA-Interim/Land overview including global soil moisture trends (Gianpaolo Balsamo or Emanuel Dutra)
11:40 - 11:55		MERRA-Land overview (Randy Koster, Rolf Reichle)
11:55 - 12:10		20CR Reanalysis overview (Gil Compo)
12:10 - 12:25		Results of Trendy and Global Carbon Project (Stephen Sitch, Pierre Friedlingstein, Philippe Ciais)
12:25 - 12:40		ISI-MIP Modelling protocol (Jakob Schewe, Katja Frieler)
12:40 - 13:00		Discussion
13:00 - 14:00	Lunch (Foyer E-Nord)	
14:00 - 15:00	LMIP	Planning session LMIP (coordination: Hyungjung Kim, Bart van den Hurk, Gerhard Krinner, Dave Lawrence; chair: Bart van den Hurk) * forcing datasets * details of set-up * soil moisture, snow, land fluxes, land cover, carbon
15:00 - 15:30		Coffee break (Foyer E-Nord)
15:30 - 16:30	LMIP	Planning session LMIP (coordination: Hyungjung Kim, Bart van den Hurk, Gerhard Krinner, Dave Lawrence; chair: Dave Lawrence) * continued; discussion of links to ISIMIP
16:30		Close of LMIP session

All LandMIP Workshop participants

Location: Dozentenfoyer, ETH Zurich, HG, J-Stock, 19:00 – 22:00h

19:00 - 22:00	Dozentenfoyer	Dinner at the Dozentenfoyer (sponsored by ETH Zurich)
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Optional / by invitation

Special session on soil modelling and subsurface modelling (GEWEX SoilWat)

Location: ETH Zurich, Universitätstr. 16, Room CHN L17.1, 17:00 - 18:30

Please see last page

**WEDNESDAY, OCTOBER 28:
OPEN JOINT LandMIP/ISIMIP SESSION**
(about 100 people until 14h)

Location: ETH Zurich, GEP Pavillon, 09:00 - 12:30

Wrap-up of the LandMIP sessions and introduction to ISI-MIP (30 min presentations)

09:00 - 09:30	ISI-MIP	Overview on the first two days (Intro: Sonia Seneviratne; LS3MIP/LMIP CMIP6 plans: Bart van den Hurk)
09:30 - 10:00		An introduction to ISI-MIP (Katja Frieler or Jacob Schewe)
10:00 - 10:30		Coffee break (Foyer E-Nord)

From climate to impact: Sectorial presentations (20 min presentations)

10:30 - 10:45:	ISI-MIP	Agriculture (AgMIP)
10:45 - 11:00		Water (global & regional)
11:00 - 11:15		Vegetation (biomes & forestry)
11:15 - 11:30		Fisheries
11:30 - 11:45		Energy
11:45 - 12:00		Health
12:00 - 12:30		Final discussion, Closing of LandMIP meeting
12:30 - 14:00		Joint Lunch (Foyer E-Nord)

TUESDAY, OCTOBER 27
Optional / by invitation
Special session on soil and subsurface modelling (GEWEX SoilWat)
Location: ETH Zurich, Universitätstr. 16, Room CHN L17.1, 17:00 - 18:30

17:00 - 17:20	GEWEX SoilWat	New GEWEX SoilWat initiative (Dani Or, Peter van Oevelen, Gerrit de Rooij, Sonia Seneviratne)
17:20 - 17:35		Overview of GLASS panel and PLUMBER results (Aaron Boone, Mike Ek, Martin Best, Gab Abramovitz)
17:35 - 17:50		Incorporating human water management in land models (Taikan Oki, Tomo Yamada)
17:50 - 18:05		Groundwater modeling (tba)
18:05 - 18:30		Discussion (including program of Leipzig 2016 meeting)