

2022 GLASS Panel Meeting

27-29 July 2022

Monterey, CA

Concurrent with the Pan-GASS and Pan-GEWEX Meetings

Draft Agenda

28 June 2022

Expected attendees:

Kirsten Findell, Anne Verhoef, Souhail Bousetta, Nathaniel Chaney, Paul Dirmeyer, Mike Ek, Craig Ferguson, Hyungjun Kim, David Lawrence, Josh Roundy, Volker Wulfmeyer, Yijian Zeng, Yunyan Zhang

Sending their regrets:

Gab Abramowitz, Laura Condon, John Edwards, Samiro Khodayar, Patricia Lawston-Parker, Xianhong Meng, Joe Santanello, Gert-Jan Steeneveld, Nick Parazoo

DAY 1: Afternoon of Wednesday 27 July 2022

2:00-3:30 pm: **Pan-GEWEX Plenary:** Introduction to 30 years of GEWEX (Graeme)
The Pan-GEWEX Charge for this meeting (Jan and Xubin)

3:30-4:00 pm: **BREAK**

4:00-5:00 pm: **GLASS – GASS meeting:** topics to discuss include the DICE/GABLS extension
John Edwards is hoping to revive, LS4P, improving simulations of the diurnal cycle of precipitation, impacts of subgrid orography, km-scale modelling

5:00-6:00 pm: **GLASS – GHP meeting:** topics to discuss include the ET and Irrigation crosscuts, the flood initiative, LIAISE

DAY 2: Thursday 28 July 2022

GLASS projects: 40 minutes set aside, assuming 20 for presentation + 20 for discussion

8:30-9:10 am: **CLASP:** a new GLASS project (Nate)

9:10-9:50 am: **GLAFO** (Volker)

9:50-10:30 am: **LoCo**, including connections with GLAFO and CLASP (Craig presenting)

10:30-10:50 am: Break

10:50-11:30 am: **SoilWat** (Yijian)

11:30-12:30 pm: **Discussion:** the GLASS perspective on the three GEWEX questions for the Friday afternoon Pan-GEWEX Plenary

Lunch break

2:00-2:40 pm: **ILAMB** (and the broader question of how GLASS can integrate more with the diagnostic community) (Dave)

2:40-2:50 pm: **The Land Surface Modeling Summit**: how GLASS could contribute to and learn from the summit, how the summit might inform topics/areas of expertise/project ideas GLASS should consider for the future (and who might lead those projects) (Dave)

2:50-3:30 pm: **GSWP3** and **LS3MIP** (Hyungjun)

3:30-4:00 pm: **BREAK**

Some time for Gab's projects? Does he want someone to present a few key slides on his behalf?

30 minutes: brief updates on GLASS connections with the wider WCRP community:

JSC meeting update + LHAs (Kirsten)

WGNE/ESMO (Mike)

WGNE systematic errors meeting (Anne)

S2S (Paul)

The high-res meeting organized by the Digital Earth LHA? (Souhail, as GLASS rep)

30 minute follow-up on the three GEWEX Questions for Friday discussion: identify presenters of GLASS responses to each question for Pan-GEWEX session

DAY 3: Friday 29 July 2022

9:00-9:30 am: **The new SIF project** (Anne on behalf of Nick Parazoo)

9:30-10:30 am: **GLASS – GDAP** meeting: we're interested in discussing the ideas Tristan shared when we first met with Yunyan (as the GLASS-GDAP liaison) about regional energy and water cycle consistency over land. We also want to address ideas shared by our SSG Rapporteurs about modeling variables that space agencies are observing (rather than variables that need to be converted into something comparable with obs).

10:30-11:00 am: **Break**

11:00-11:30 am: **Discussion of growth areas for GLASS** (e.g, hydrology, cryosphere, permafrost)

11:30-12:30 pm: **Any other business**, any unfinished discussion needing more time.....

Lunch break

Afternoon: **Pan-GEWEX meeting**, discussion focused on the three GEWEX questions