

GEWEX SSG-30

Created by Gianpaolo Balsamo, last modified on Feb 04, 2018

[GEWEX Global Energy Water cycle Exchanges](#) - Scientific Steering Group (SSG-30) met in Washington DC for its 30th edition (29 January to 1 February 2018). All the shared presentation material is available on the GEWEX Web-site agenda:

<https://www.gewexevents.org/events/ssg-30/agenda/>

The 30th Session of the GEWEX Scientific Steering Group (SSG) held from at USRA's Washington, DC office at 425 3rd St, SW, Suite 605, Washington, DC. The meeting of the SSG focus on updating GEWEX's strategy documents and [GEWEX Imperatives](#) to align with WCRP's new priorities. U.S. program managers and representatives (DOE, NASA, NOAA) and other agencies (JAXA) were present. The 2018 [SSG-panel](#) counts on 12-members.



Contribution to GEWEX-SSG

The contribution to GEWEX SSG-30 included a presentation of ECMWF research on surface-atmosphere interactions within the IFS.

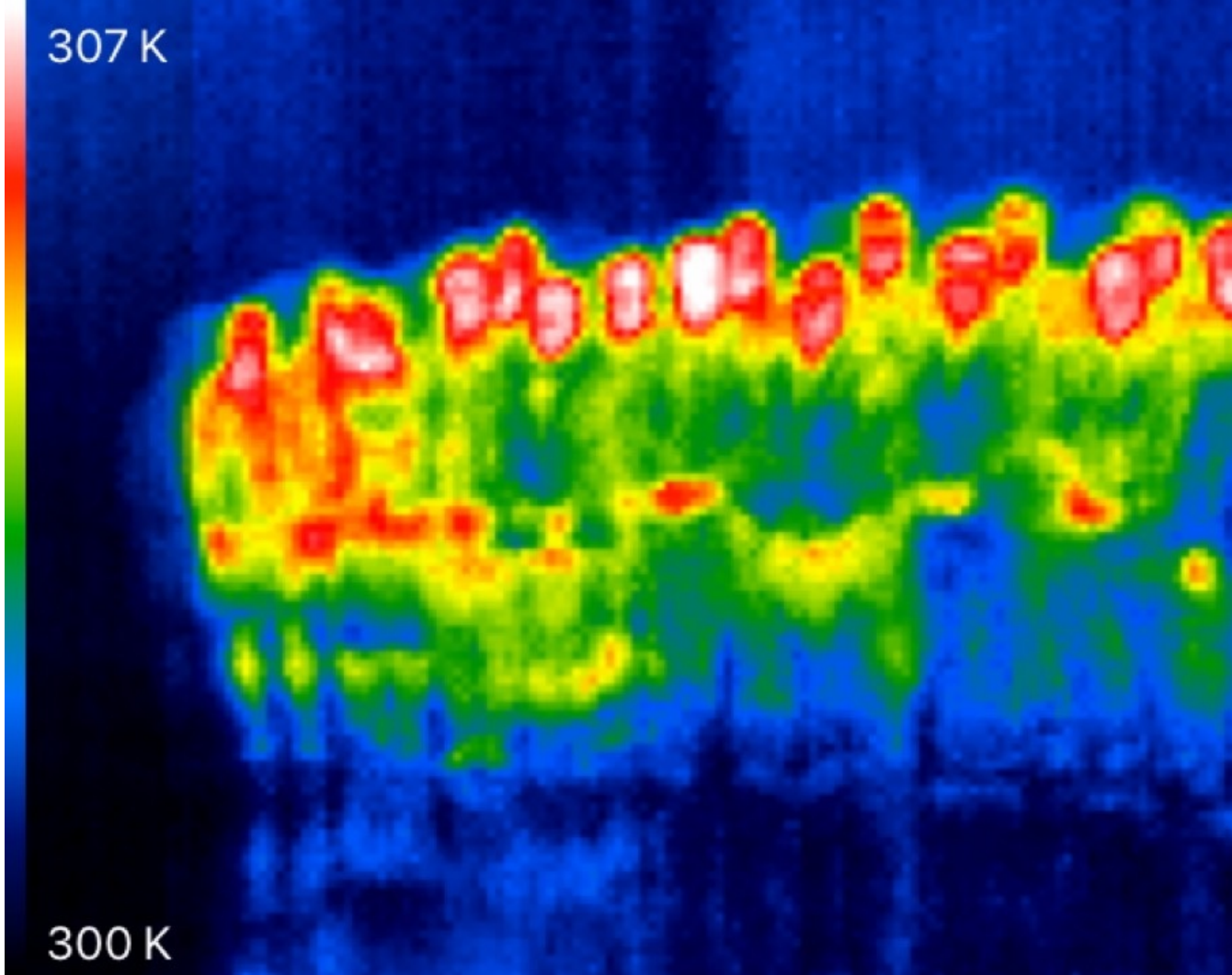
The presentations/documents/articles prepared are linked: https://www.dropbox.com/s/v2cz0i337xn1kx8/GEXEX_SSG30_201802_ECMWF_Balsamo.pptx
<https://www.ecmwf.int/en/about/media-centre/science-blog/2018/earth-surface-processes-human-impact-and-predictability>
https://www.dropbox.com/s/4wmmiz54k2wow0b/GC_NTCP_201802.pptx

CHE and Extreme-Earth mentioned as two significant community-based efforts for which GEWEX feedback/advise is highly relevant and appreciated.

Related to CHE (CO2 Human Emissions) European H2020 project and the 1st General Assembly:
<https://www.che-project.eu> ; <https://www.che-project.eu/events/1st-che-general-assembly>

The CO2 foundation document that describes & motivates the investment detailed in the European Commission CO2 Taskforce Report:
<http://copernicus.eu/news/report-operational-anthropogenic-co2-emissions-monitoring>

Related to Extreme-Earth - the European Flagship Programme On Extreme Computing and Climate, ECMWF/OXFORD jointly coordinated (Peter Bauer/Tim Palmer):
<https://ec.europa.eu/futurium/en/content/flagship-european->



programme-extreme-computing-and-climate ; <https://www.ecmwf.int/en/about/media-centre/news/2017/shaping-future-supercomputing-numerical-weather-prediction>

List of Participant to SSG-30

Name	Organization
<i>Gab Abramowitz (remote)</i>	UNSW Australia
<i>Lisa Alexander</i>	UNSW Australia
Jennifer Arigo	USGCRP
<i>Gianpaolo Balsamo</i>	ECMWF
<i>Eleanor Blyth</i>	ILEAPS-CEH
<i>Guy Brasseur</i>	WCRP
<i>Joan Cuxart-Rodamilans</i>	U Balearic Islands
<i>Paul Dirmeyer</i>	U. Mason
<i>Qinyun Duan</i>	Beijing Normal U
<i>Michael Ek</i>	NOAA/NCEP
<i>Jared Entin</i>	NASA-HQ
<i>Jason Evans</i>	UNSW/CCRC
<i>Lawrence Hislop</i>	CliC, Cryosphere
<i>Branka Ivancan-Picek</i>	Croatian NMHS
<i>Sarah Jones</i>	WWRP-WGNE-DWD
<i>Renu</i>	DOE

Sonia Seneviratne (GEWEX Chair), Graeme. Stephens (GEWEX Chair), Peter van Oevelen (International GEWEX Project Office - IGPO) gave the welcome.

Guy Brasseur (WCRP) introduced a WCRP review program outcome. A review panel chaired by Julia Slingo produced a report (about to be released) addressed to the sponsor of WCRP (WMO, IOC, ICSU). A February meeting will discuss the report. The program, panels, GCs is thoroughly reviewed and 7 recommendations are drafted. An integrated and seamless with weather, WWRP-WCRP interactions: Processes, variability (minutes to month, seasonal to decadal), human activity response (CO2 and anthropogenic modifications).

The new aim is to be much more Cross-Cutting, Ocean-Atmosphere-Land and embrace human-sphere to develop a new generation of models. The 10-year strategic plan for WCRP aiming at projecting a (punchy) vision done in 2 steps:

- 1) The strategic plan, with ideas and topics without organisational ties first.
- 2) An implementation plan 5-year into the future with more logistic aspects.

Discussion on the [8th GEWEX Science Conference](#), May 6-11, 2018, has advanced the definition of the program.



OSC conference, May 6-11, 2018, Canmore, Alberta
<https://www.gewexevents.org/events/2018conference/>

- 452 abstracts, 200 students/ECRs
- Currently finalizing the schedule (determines number of orals/posters per session)
- 144 orals slots:
 - 12 sessions of 1h30 (morning):
 - 3 talks a 15mn, 2 invited talks a 20
 - 6 talks a 15mn, can have an extra talk (from abstracts or new speaker)
 - 12 sessions of 2h
 - 5 talks a 15mn, 2 invited talks a 20
 - 8 talks a 15mn, can have an extra talk (from abstracts or new speaker)



GEWEX Panels Reports

The panels' report have been presented and extensively discussed. Sizeable advances with respect to SSG-29 where favourable commented (e.g. GASS and GDAP in particular for which large improvements were notices thanks to renewed leadership, and with GLASS and GHP continuing to ensure a good level of activities in a number of projects).

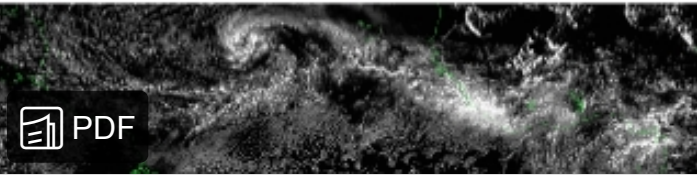
Panel	Chairs	Rapporteurs/Reporters
GDAP 	Remy Roca Tristan L'Ecuyer	Remko Uijlenhoet B.J. Sohn
GLASS 	Michael Ek Gab Abramowitz	Paul Dirmeyer Branka Ivancan-Pice
GASS	Daniel Klocke Xubin Zeng	Qingyun Duan Gianpaolo Balsamo

Joseph	
Neil Harris	SPARC
Wayne Higgins	NOAA
Jin Huang	NOAA
Jack Kaye	NASA-HQ
Daniel Klocke	DWD-MPI
Tristan L'Ecuyer	UW Madison
Boram Lee	WCRP-WMO
Hal Maring	NASA-HQ
Sally McFarlane	DOE
Riko Oki	JAXA
Shannon Macken	GEWEX IGPO
Mike Patterson	CLIVAR / US-*
Jan Polcher	LMD/IPSL/CNRS
Germán Poveda	U. de Colombia
Michael Rast (remote)	ESA
Remy Roca	LEGOS
Sonia Seneviratne (chair)	ETH Zurich
B.J. Sohn	Seoul University
Soroosh Sorooshian	UCI
Graeme Stephens (chair)	NASA-JPL
Remko Uijlenhoet	Wageningen U
Qinyun Duan	Beijing Normal U

WCRP WAP GEWEX

GASS
Global Atmospheric System Studies

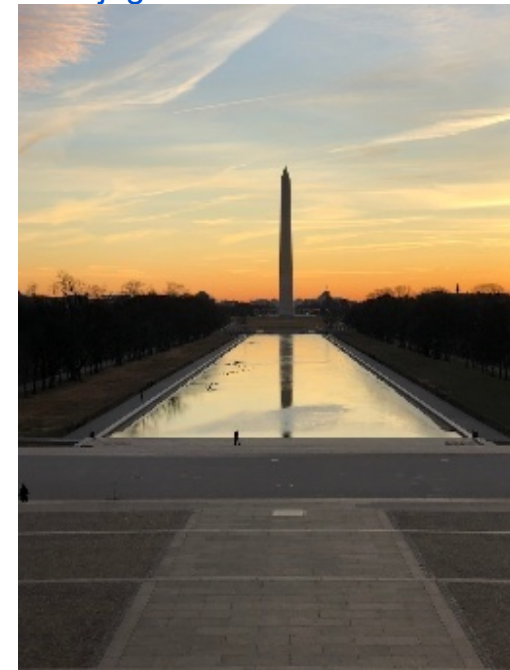
Daniel Hocke & Xubin Zeng



PDF

Peter van Oevelen	GEWEX IGPO
Xubin Zeng	U. Arizona

The social moments included a dinner reception on the Capitol View building and early morning Mall's jogs.



GHP

GEWEX Hydroclimate Panel – GHP

Co-Chairs: Jason Evans
Joan Cuxart



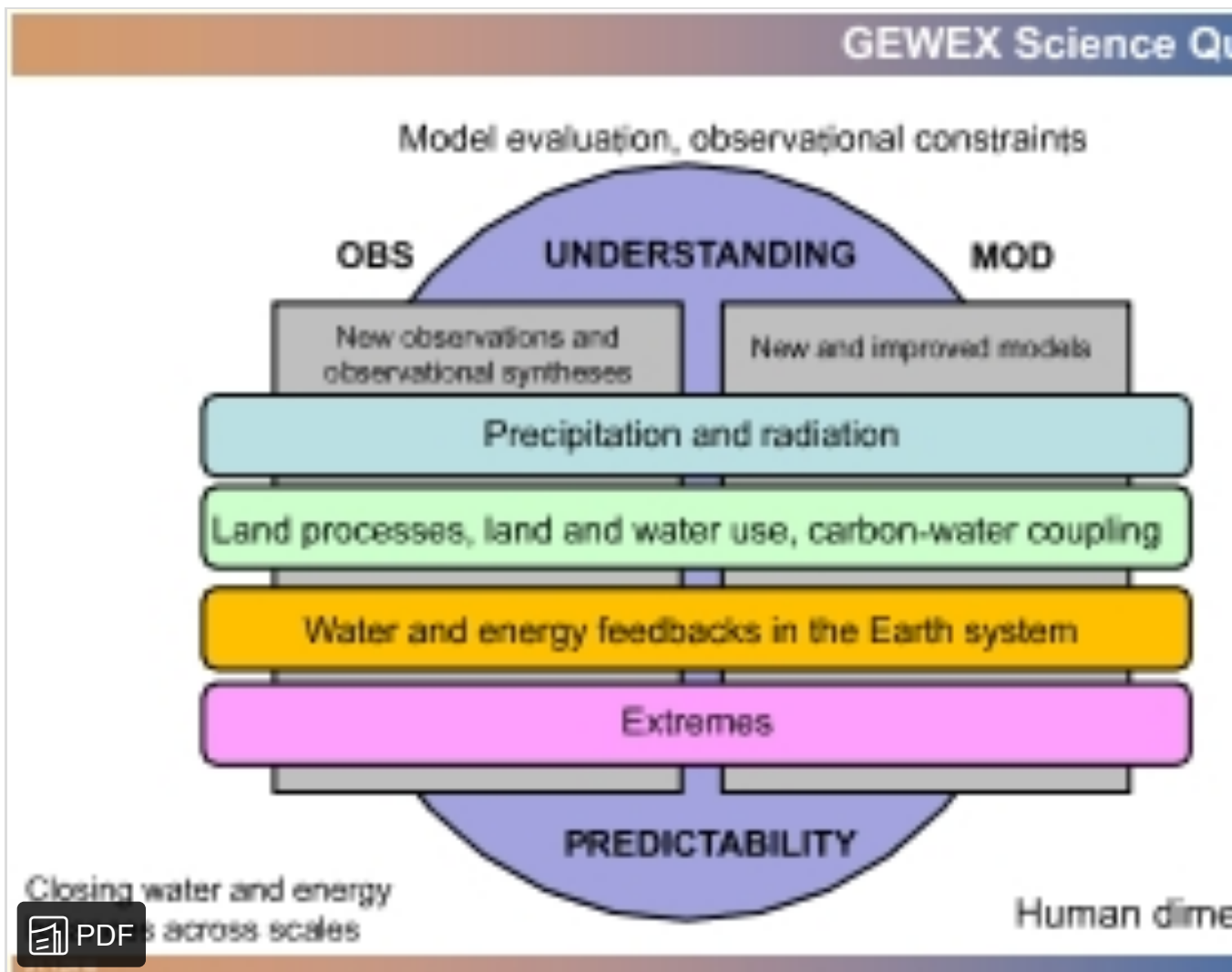
PDF

Jason Evans
Joan Cuxart

Lisa Alexander
Michael Bosilovich
German Poveda

Summary:

A large amount of information was shared and several fruitful discussions followed each of the presentations. Those will consolidate in the revision of the GEWEX science questions, and in contribution to the SP-2019-2029 along the guidelines of the sketch below prepared by Sonia Seneviratne et al. during the final brainstorm and shared at the end of the SSG meetings.



Upcoming events:

- 1st General Assembly of CHE (CO2 Human Emissions), ECMWF 5-7 Feb 2018: <https://www.che-project.eu/events/1st-che-general-assembly>

- HEPEX (Hydrologic Ensemble Prediction EXperiment) 2018 Workshop (Breaking the barriers), U.Melbourne 6-8 Feb 2018:
<https://hepex.irstea.fr/2018-hepex-workshop/>
- 2nd Pan-GASS UMAP (Understanding and Modelling Atmospheric Processes) 26-Feb 2-Mar 2018:
<http://singh.sci.monash.edu/Pan-GASS/index.shtml>
- EGU (European Geosciences Union) General Assembly 2018, ACV Vienna, 8-13 April 2018:
<https://www.egu2018.eu>
- 8th GEWEX Science Conference (Extremes and Water on the Edge) May 6-11, 2018:
<https://www.gewexevents.org/events/2018conference/>

Full calendar of GEWEX meetings/conferences/workshops at
: <https://www.gewexevents.org>

No labels

Powered by a free **Atlassian Confluence Open Source Project License**
granted to ECMWF. Evaluate Confluence today.

This Confluence installation runs a Free Gliffy License - Evaluate the Gliffy
Confluence Plugin for your Wiki!

This Confluence installation runs a Free Gliffy License - Evaluate the Gliffy
Confluence Plugin for your Wiki!

