

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)*

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Total 144 slot available excluding the keynotes and excluding the Friday AM

Parallel sessions are either 5 or 7 oral slots with each having 2 longer 20 min invited talks // alternatively, 5 or 7 talks and one additional invited

We have 12 blocks of 5 orals and 12 blocks of 7 orals (again each with 2 longer 20 min talks) // alternatively 12 blocks of 6 and 8 orals each

A total of roughly 452 abstracts gives the weighing factor of 144/452

Theme	Session	# Submissio	Session	#orals	#orals/#subm
1	5	9	Advances in Irrigation Hydrology and Its Impact on the Water Cycle (5)	3	0.33
1	11	7	Water Cycle over Breadbaskets: Cities, Agriculture, and Environment (11)	2	0.29
1	13	25	Human-Climate Water Nexus, Climate Change, and Water Security (13)	7	0.28
2	8	24	Modeling for Extremes (8)	7	0.29
2	12	24	Satellite Observations for Climate Extremes, Water Cycle Processes and Land-Climate Interactions (12)	7	0.29
2	16	19	Heatwaves in Present and Future Climate (16)	7	0.37
2	18	10	Addressing the Challenge of Compound Events (18)	5	0.50
2	19	20	Detection and Attribution of Climate Extremes (19)	5	0.25
2	20	28	Droughts in Present and Future Climate (20)	7	0.25
2	21	14	Climate Extremes, Ecosystems and Society: Impacts, Feedbacks, and Emergent Risks (21)	4	0.29
2	26	10	Documenting Extremes (26)	3	0.30
3	17	26	Storms and High-Impact Weather (17)	7	0.27
4	4	12	Understanding Subdaily Rainfall Extremes and the Diurnal Cycle of Precipitation (4)	3	0.25
4	6	14	Changes in Rainfall Intensity and Distribution in Time and Space and their Effect on Surface Water Partitio	4	0.29
5	1	16	Open Session (1)	7	0.44
5	2	18	Regional Hydroclimate Projects (2)	7	0.39
5	3	9	Evapotranspiration Determination (3)	3	0.33
5	22	6	Soils in Water and Climate Models (22)	2	0.33
5	23	32	Land-Atmosphere Interactions and Climate Predictability, Including Subseasonal to Seasonal (S2S) (23)	10	0.31
5	24	11	Benchmarking and Metrics (24)	5	0.45
5	25	19	High-Resolution Modeling and Resolved/Permitted Convection (25)	5	0.26
6	7	19	Cold Regions Earth Systems Change, Including Precipitation Occurring Near 0°C (7)	5	0.26
6	14	18	The Mountain Water Cycle (14)	7	0.39
6	15	30	Land-Atmosphere Interactions and Water Cycle over the Third Pole Region (15)	10	0.33
7	9	14	Energy and Water Budget Closure, and Advances in Assessment Techniques (9)	5	0.36
7	10	18	Global Energy and Water Cycles, Clouds and Radiation (10)	7	0.39
		452		144	

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	Monday	Tuesday	Wednesday	Thursday	Friday	
Plenary, 9h-10h30	Open plenary	Extremes	Water	GEWEX panels	ECR	
11h-12h30 (5 talks + 1 invited)	Parallel 1	HR Modeling and Resolved/Permitted Convection	Compound events	Irrigation hydrology // Water cycle breadbaskets	Benmarking and metrics	Closing plenary
	Parallel 2	LA interactions and climate predictability (1)	LA interactions and climate predictability (2)	Detection and attribution of climate extremes	ET determination // Soils in water and climate models	
	Parallel 3	Cold regions earth system changes	Energy and water budget closure	LA interactions in 3rd pole region (1)	LA interactions in 3rd pole region (2)	
lunch						
14h-15h30	Posters	Posters	Posters	Posters		
16h-18h (7 talks + 1 invited)	Parallel 1	Open session	Droughts in present and future climate Satellite observations for extremes, water cycle, LA interactions	Subdaily rainfall extremes // changes in rainfall intensity	Modeling for extremes	
	Parallel 2	Storms and high-impact weather	Regional hydroclimate projects	Heatwaves in present and future climate	Human-climate-water nexus Climate extremes, ecosystems and society //	
	Parallel 3	The mountain water cycle		Global Energy and Water Cycles, Clouds and Radiation	Documenting extremes	

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## Monday morning (first plenary)

8h30-9h: Welcome, introductions (Organizers, local organizers, local politicians)

8h30-8h40: Welcome (Graeme Stephens, Peter van Oevelen)

8h40-8h50: Jon Pomeroy

8h50-9h00: Politician from Canada

9h-9h30: Other sponsors

9h-9h10: NASA

9h10-9h20: ESA

9h20-9h30: JAXA

9h30-10h30: Scientific introduction

9h30-9h50: Sonia Seneviratne: Water and Extremes: Current challenges and future perspectives

9h50-10h10: Howard Wheeler

10h10-10h30: Eleanor Blyth, ILEAPS

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## Open session [Monday afternoon]

8 talks

First talk: Kevin Trenberth (Invited)

Talks 2-6: 5 selected submissions

Talk 7: Andy Pitman (Invited)

Talk 8: Christa Peters-Liddard (Invited)

## Tuesday plenary [Tuesday morning]: Extremes

9h-9h30: Lisa Alexander: Extremes GC

9h30-10h: Francis Zwiers: Extreme events in a changing climate

10h-10h30: Speaker on compound events (Bart van den Hurk, T. Wahl, J. Zscheischler)

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Conference dinner [Tuesday evening]

Dinner talk: Alan Betts

Wednesday plenary [Wednesday morning]: Water

9h-9h30: Roy Rasmussen: Water GC, atmosphere

9h30-10h: Jan Polcher: Water GC, human water use

10h-10h30: Martin Clark: The hydrological perspective

(one additional woman scientist?)

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## Thursday plenary [Thursday morning]: GEWEX panels

9h-9h20: GDAP

9h20-9h40: GLASS

9h40-10h00: GHP

10h00-10h20: GASS

10h20-10h30: General discussion

## Last plenary [Friday morning]

9h-10h30: ECR program (proposals from ECR scientists)

Maybe include some experienced people as well, reflecting on what one needs to do a successful career, e.g.

9h-9h15: Eric Wood: Reflecting on past and present research

9h15-10h15: ECR talks

10h15-10h30: Woman scientist and/or NASA/ESA person (e.g. Ana Barros, Michele Reinecker, Eugenia Kalnay, ...) : Reflecting on past and present research, on ECR feedback

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### 11h-12h30: Closing plenary

11h-11h15: Graeme Stephens: Overview talk, reflection on conference

11h15-11h30: Peter van Oevelen: Past and future of GEWEX

11h30-12h: Matt Rodell / Tristan L'Ecuyer: Perspectives on global and water budgets

12h-12h30: Julia Slingo (TBD)

12h30-12h40: Closing words (Sonia Seneviratne, representative of U. Saskatchewan)...

### Possibly missing:

- Panel discussions
- Somebody from the hydrological community, e.g. IAHS (Gia Destouni, Petra Doell , ... (now Martyn Clark))
- Somebody from the Fluxnet community (e.g. Helen Cleugh, Markus Reichstein, ...)
- Somebody from the reanalysis community (e.g. GP Balsamo, M. Bosilovich, ...)
- Other suggestions?