

Program (8 August 2022)

20th Swiss Climate Summer School

“Extreme weather and climate: from atmospheric processes to impacts on ecosystems and society”

28 August to 2 September 2022, Grindelwald, Switzerland

Sunday, 28 August

	WHAT	WHO	RESPONSIBLE	WHERE
11:00 – 14:00	Arrival, hotel check-in	Participants		Hotels
12:30 – 14:00	Registration at Congress Centre; setting up posters	Participants	C. Kehl et al.	Congress Centre
14:00 – 14:30	Opening	M. Grosjean		Congress Centre
14:30 – 15:00	Introduction to the Summer School	T.F. Stocker C. Beisbart	M. Grosjean	Congress Centre
	Setting the stage, the atmospheric perspective and the impacts perspective			
15:00 – 15:45	KN 1: Overview: the physical science basis	S. Seneviratne	Th. Stocker	Congress Centre
15:45 – 16:15	Discussion			
16.15 – 17.30	Poster Session 1 and Aperó	Participants	M. Grosjean	Congress Centre
17.30 – 18.30	Risk Game	Participants, E. Fischer	M. Grosjean, Erich Fischer	Congress Centre
19:00	Dinner		C. Kehl	Hotel Hirschen

Monday, 29 August

	WHAT	WHO	RESPONSIBLE	WHERE
08:30 – 09:15	KN 2: Socio-Economic Impacts	D. Bresch	S. Seneviratne	Congress Centre
09:15 – 09:45	Discussion			
09:45 – 11:00	Poster Session 2 with coffee break	Participants	M. Grosjean	Congress Centre
	Extreme events, atmospheric processes and statistical concepts			
11:00 – 11:45	KN 3: Understanding and quantifying changes in very rare extremes	E. Fischer	S. Brönnimann	Congress Centre
11:45 – 12:15	Discussion			
12:15 – 14:00	Lunch (participants: individual / teachers and staff: Hotel Steinbock)		C. Kehl	
14.00 – 14.45	KN 4: Compound events, connected extreme events and climate and weather storylines	O. Martius	D. Bresch	Congress Centre
14.45 – 15.15	Discussion			
15.15 – 16.45	Poster Session 3 with coffee break	Participants	M. Grosjean	Congress Centre

16.45- 18.00	Workshops Groups	Participants	M. Grosjean	Congress Centre
19:00	Dinner		C. Kehl	Hotel Spinne

Tuesday, 30 August

	WHAT	WHO	RESPONSIBLE	WHERE
	Impacts of extreme events on humans and society			
08:30 – 09:15	KN 5: Extreme weather risks and decisions in society	R. Moors	O. Martius	Congress Centre
09:15 – 09:45	Discussion			
09:45 – 11:00	Poster Session 4 with coffee break	Participants	M. Grosjean	Congress Centre
11:00 – 11:45	KN 6: Epidemiology in the era of climate change	A. Vicedo	Th. Stocker	Congress Centre
11:45 – 12:15	Discussion			
12:15 – 14:00	Lunch (participants: individual / teachers and staff: Hotel Steinbock)		C. Kehl	
	Parallel workshops	Participants, in groups		
14:00 – 18:00	WS 1: Using the Climate Explorer to Study Extreme Events	J. Franke, M. Messmer, C.C. Raible		Hotel Hirschen
14:00 – 18:00	WS 2: Socio-Economic Impacts	David N. Bresch		Hotel Spinne
14:00 – 18:00	WS 3: Extreme event attribution	Th. Frölicher and E. Fischer		Congress Centre
14:00 – 18:00	WS 4: Strategies to explore low-likelihood high-impact weather events	M. Kauzlaric, A. Tuel		Hotel Wolter
19:00	Dinner		C. Kehl	Hotel Spinne

Wednesday, 31 August

	WHAT	WHO	RESPONSIBLE	WHERE
	The +2°C world and beyond			
08:30 – 09:15	KN 7: Coping with extreme events: Learning from the past	S. Brönnimann	D. Bresch	Congress Centre
09:15 – 09:45	Discussion			
09:45 – 10.45	Open Poster Session with coffee break	Participants	C. Kehl	Congress Centre
10.45 – 11.15	Workshop Groups			
11:15 – 11:30	Excursion Introduction	M. Grosjean		Congress Centre
11:30 – 18:30	Excursion to Bäregg (including lunch in the field)	All		Field
19:00	Dinner (teachers and staff, participants optional)		C. Kehl	Hotel Steinbock

Thursday, 1 September

	WHAT	WHO	RESPONSIBLE	WHERE
08:30 – 09:15 09:15 – 09:45	KN 8: Extreme events, impacts on agricultural systems and implications for regional/global food security Discussion	A. Ruane	S. Seneviratne	Congress Centre
09:45 – 10:45	Poster Session with coffee break	Participants		Congress Centre
11:00 – 12:15	KN 9: The long-term impacts of tropical cyclones on economic growth Discussion	C. Otto	O. Martius	Congress Centre
12:15 – 14:00	Lunch (participants: individual; teachers and staff: Hotel Steinbock)		C. Kehl	
14:00 – 18:00	Parallel workshops WS 1: Using the Climate Explorer to Study Extreme Events WS 2: Socio-Economic Impacts WS 3: Extreme event attribution WS 4: Strategies to explore low-likelihood high-impact weather events	J. Franke, M. Messmer, C.C. Raible David N. Bresch T. Frölicher and E. Fischer M. Kauzlaric, A. Tuel		Hotel Hirschen Hotel Spinne Congress Centre Hotel Wolter
19:00	Dinner		C. Kehl	Hotel Hirschen

Friday, 2 September

	WHAT	WHO	RESPONSIBLE	WHERE
	Why should we care?			
08:30 – 09:15 09:15 – 09:45	KN 10: Impact attributions: Observed impacts of climate change on natural and human systems Discussion	K. Frieler	M. Grosjean	Congress Centre
09:45 – 10:15	Coffee break			Congress Centre
10:15 – 11:00 11:00 – 11:30	KN 11: Thinking about extreme events. How values make a difference Discussion	C. Beisbart	S. Brönnimann	Congress Centre
11:30 – 13:00	Lunch (participants: individual; teachers and staff: Hotel Steinbock)		C. Kehl	
13:00 – 15:00	Group Presentations; summary of keynotes Discussion	Participants, groups Panel	M. Grosjean (Th. Stocker)	Congress Centre
15:00 – 16:00	Closure, Aperitif		C. Kehl	Congress Centre

Venue



Wolter Hotel: Tel +41 33 854 33 33, hotel@central-wolter.ch, <https://www.central-wolter.ch/en>

Hirschen Hotel: Tel. +41 33 854 84 84, info@hirschen-grindelwald.ch, <https://www.hirschen-grindelwald.ch/en>

Spinne Hotel: Tel. +41 33 854 88 88, hotel@spinne.ch, <https://www.spinne.ch/en>

Steinbock Hotel: Tel +41 33 853 89 89, hotel@steinbock-grindelwald.ch, <https://steinbock-grindelwald.ch/>

Congress Centre Tel. +41 33 853 17 65