

Nr.	Time	Display?	Item #	Abstract	Authors	Titel	Question
<b>Chair: Frank Paul</b>			<b>Chat time: Monday, 4 May 2020, 14:00–15:45</b>				
1	14:00	Y	D2657	5136	Martin <b>Hoelzle</b> , Martina Barandun, Tomas Saks, Eran Azisov, Abror Gafur	Glacier monitoring, capacity building and related cryospheric research in Central Asia	x
2	14:05	Y	D2658	11383	Daniel <b>Farinotti</b> , Walter W. Immerzeel, Remco J. de Kok, Duncan J. Quincey	Manifestations and mechanisms of the Karakoram glacier Anomaly	x
3	14:10	-	D2659	21222	Pankaj <b>Kumar</b> , Vladimir A. Ryabchenko, Aaqib Javed, Dmitry V. Sein, and	Forcings of mass-balance variability in Karakoram-Himalaya	x
4	14:15	Y	D2660	15517	David <b>Loibl</b> , Georgy Ayzel, Fiona Clubb, Inge Grünberg, and Jan Nitzbon	Dynamics and drivers of High Mountain Asia's glacier change from the mid 1980s to late 2010s	x
5	14:20	Y	D2661	17797	David Fariás, Philipp Malz, Thorsten <b>Seehaus</b> , Christian Sommer, Lukas Schaub	Ice loss in Patagonia and Tierra del Fuego glaciers during the first two decades of the 21st century	x
6	14:25	Y	D2662	13783	Riccardo <b>Barella</b> , Mattia Callegari, Carlo Marin, Claudia Notarnicola, Marco	Automatic glacier outlines extraction from Sentinel-1 and Sentinel-2 time series	x
7	14:30	Y	D2663	21057	Tatiana <b>Khromova</b> , Gennady Nosenko, Andrey Glazovsky, Stanislav Nikitina	New Glacier Inventory of the Russian glaciers based on Sentinel images (2017/2018)	x
8	14:35	Y	D2664	3902	Joshua <b>Leigh</b> , Chris Stokes, Rachel Carr, Ian Evans, Liss Andreassen, and	Identifying and mapping very small mountain glaciers on coarse to high-resolution imagery	x
9	14:40	Y	D2665	2639	Michael <b>Zemp</b> , Matthias Huss, Nicolas Eckert, Emmanuel Thibert, Frank Paul	Ad hoc estimation of glacier contributions to sea-level rise from latest glaciological observations	x
10	14:45	-	D2666	16032	Bert <b>Wouters</b> , Alex Gardner, Geir Moholdt, and Ingo Sasgen	Global Glacier Mass Loss estimated from GRACE and GRACE-FO Satellite Observations (2002–2018)	x
11	14:50	-	D2667	11021	Carleen <b>Reijmer</b> , Abas Khan, Eric Rignot, Michiel van de Broeke, and Bridget	Local climate of Zachary glacier, North East Greenland	x
12	14:55	Y	D2668	18097	Stanislav <b>Kutuzov</b> , Andrey Smirnov, Gennady Nosenko, Ivan Lavrentiev, and	Garabashi glacier (Caucasus) mass changes estimated from glaciological and geodetic measurements	x
13	15:00	-	D2669	9126	Qinghua <b>Ye</b> , Wei Nie, Yimin Chen, Gang Li, Iide Tian, Liping Zhu, and Jeffrey	Glacier surface elevation changes in Rongbuk Catchment of the Central Himalayas in the last century	x
14	15:05	-	D2670	952	Mohd <b>Soheb</b> , Alagappan Ramanathan, and Sonam Lotus	Long-term mass balance, runoff and area change in Stok group of glaciers, Ladakh, India, 1980–2017	x
15	15:10	Y	D2671	3467	Isabelle <b>Gärtner-Roer</b> , Samuel U. Nussbaumer, Fabia Hüsler, and Michael	National glacier monitoring – strengths and weaknesses, responsibilities and priorities	x
16	15:15	-	D2672	18973	Andrey <b>Smirnov</b> , Stanislav Kutuzov, Aleksandr Erofeev, Sergey Kopysov, and	Re-establishing mass balance measurements on Aktru glaciers (Altai).	x
17	15:20	-	D2673	9815	Niccolò Dematteis, Daniele <b>Giordan</b> , and Fabrizio Troilo	Glaciers of Grandes Jorasses: an open-air laboratory for glacier monitoring systems development	x
18	15:25	-	D2674	18935	Andreas <b>Linsbauer</b> , Elias Hodel, Matthias Huss, Andreas Bauder, Mauro Fumagalli	The new Swiss Glacier Inventory SGI2020: From a topographic to a glaciological dataset	x
19	15:30	-	D2675	9889	Fabien <b>Maussion</b> , Regine Hock, Frank Paul, Philipp Rastner, Bruce Raup, and	A new working group on the Randolph Glacier Inventory (RGI) and its role in future glacier monitoring	x
20	15:35	Y	D2676	12516	Hester <b>Jiskoot</b> , Easton DeJong, Wesley Van Wychen, and Jade Cooley	The need for global glacier speed to combine measured velocity with balance velocity	x
21	15:40	-	D2677	10735	Simona <b>Gennaro</b> , Maria Cristina Salvatore, Linda Alderighi, Riccardo Cerruti	Glacial reduction in the Gran Paradiso Massif (Western Italian Alps): multitemporal dynamics	x
22	15:45	Y	D2678	18667	Sergey <b>Sokratov</b> , Yuri Seliverstov, Alla Turchaniniva, Evgenii Kharkovets	Change in Mt. Elbrus nival-glacial system in the last century	x
<b>Chair: Harry Zekollari</b>			<b>Chat time: Monday, 4 May 2020, 16:15–18:00</b>				
23	16:15	Y	D2679	9340	Catrin Stadelmann, Johannes <b>Fürst</b> , Thorsten Seehaus, Thomas Mölg, and	The state of Kersten Glacier and the Northern Icefield on Mt. Kilimanjaro	x
24	16:20	Y	D2680	11404	Frank <b>Paul</b> and Philipp Rastner	Glacier mapping with Sentinel-2 in Svalbard: Challenges when creating a new glacier inventory	x
25	16:25	Y	D2681	11060	Philipp <b>Rastner</b> and Frank Paul	Which DEM to use for glacier inventory applications? The example of Svalbard	x
26	16:30	Y	D2682	15185	Brice <b>Noël</b> , Constantijn Jakobs, Ward Van Pelt, Stef Lhermitte, Bert Wouters	Low-elevation of Svalbard glaciers drives high mass loss variability	x
27	16:35	Y	D2683	4928	Enrico <b>Scocciarro</b> and Danile Peano	Alpine glaciers disappearance tipping point: results from EURO-CORDEX models	x
28	16:40	Y	D2684	13069	Matthias <b>Huss</b> , Enrico Mattea, Andreas Linsbauer, and Martin Hoelzle	Modelling future glacier evolution: Which feedbacks are relevant?	x
29	16:45	-	D2685	13290	Marta <b>Chiarle</b> , Roberta Paranunzio, Guido Nigrelli, Giovanni Mortara, Silvia	Forecasting alpine glacier evolution at the seasonal/multiannual scale	x
30	16:50	-	D2686	3426	Akansha <b>Patel</b> , Ajanta Goswami, Thamban Meloth, and Parmanand Sharm	Development of basinal scale glacier mass balance model: an approach based on satellite data	x
31	16:55	-	D2687	18266	Taisiya <b>Dymova</b> , Oleg Rybak, and Viktor Popovnin	Towards elaboration of a surface mass balance model of a mountain glacier using a stochastic approach	x
32	17:00	Y	D2688	18938	Alla <b>Turchaninova</b> , Sergey Sokratov, Yury Seliverstov, Dmitry Petrakov, and	Non-climatic factors affecting glacier mass balance (on the example of avalanche nourishment)	x
33	17:05	Y	D2689	21051	Yuzhe <b>Wang</b> and Tong Zhang	PoLIM: an open source 2D higher-order thermomechanically coupled mountain glacier flow model	x
34	17:10	Y	D2690	10033	Jakob <b>Abermann</b> , Wolfgang Schöner, and Robert Schjøtt Fausto	Historical ablation rates and their drivers in Greenland – assessing the potential of the West Greenland Icefield	x
35	17:15	-	D2691	12903	Michaela <b>Mühl</b> , Bradley R. Markle, Andreas Gschwentner, Charlie Daniels	Recent temperature history of the Juneau Icefield	x
36	17:20	-	D2692	1845	Ian <b>Lee</b> , Robert Hawley, and Christopher Gerbi	Streaming flow on polythermal mountain glaciers: In-situ observations on Jarvis Glacier, Antarctica	x
37	17:25	-	D2693	5582	Joshua <b>Chambers</b> , Mark Smith, Thomas Smith, Duncan Quincey, Jonathan	A multi-scale investigation of geometrically derived z0 from Hintereisferner, Austrian Alps	x
38	17:30	Y	D2694	11548	Chiara <b>Marchina</b> , Valeria Lencioni, Francesca Paoli, Marzia Rizzo, and Gian	Monitoring isotopic signature in headwaters to trace environmental changes: an example from the Alps	x
39	17:35	Y	D2695	10151	Joaquín M. C. <b>Belart</b> , Eyjólfur <b>Magnússon</b> , Etienne Berthier, Ágúst Þ. Gunnarsson	Spatially distributed mass balance of 14 Icelandic glaciers, 1945–2017. Trends and link with climate	x
40	17:40	Y	D2696	18707	Etienne Berthier, Ines <b>Dussaillant</b> , Fanny Brun, and Vincent Favier	Multi-temporal mass balance changes of the Northern Patagonian Icefield from 1975 to 2017	x
41	17:45	Y	D2697	11389	Inigo Irarrazaval <b>Bustos</b> , Alejandro Dussaillant, Pablo Iribarren Anaconda,	Morphological and ice dynamic changes induced by the formation of proglacial lakes in the Andes	x
42	17:50	-	D2698	13825	Thupstan <b>Angchuk</b> , Allagapan Ramanathan, Arindan Mandal, Mohd Soheb	Glacio-metrological measurements of Patsio glacier, Himachal Pradesh (India), Western Himalayas	x
43	17:55	Y	D2699	17754	Giovanni Martino <b>Bombelli</b> , Daniele Bocchiola, Federica Camin, and Paolo	A field study of mass balance and hydrology of the West Khangri Nup glacier (Khumbu, Everest region)	x