

Conference Programme – Glacier Modelling Workshop 2026 - **PRELIMINARY**

Time	Session	Speaker	Affiliation	Title
Day 1				
09:30-10:30	Introductions			
Technical Session 1: Keynote				
10:30-11:00	Keynote	Regine Hock, Harry Zekollari	University of Oslo, Vrije Universiteit Brussel	Keynote talk
11:00-11:20	Coffee Break			
Technical Session 2: Regional and Global Model Development & Updates				
Session Chairs: Andrew Mackintosh, Yeliz A. Yilmaz				
11:20-11:35	Oral	Matthias Huss	ETH Zurich	Prospects to apply regional to global glacier models for real-time mass change assessments
11:40-11:55	Oral	Patrick Schmitt	University of Innsbruck	What has changed within OGGM v1.7?
12:00-12:15	Oral	Lander Van Tricht	ETH Zurich	Latest developments in GloGEM
12:20-12:35	Oral	Guillaume Juvet	University of Lausanne	IGM in 2026: Recent Developments in view of Global Glacier Modelling
12:40-12:55	Oral	Javed Hassan	Department of Space Research and Space Technology, Technical University of Denmark, Denmark	Projected Glacier Mass Change in High Mountain Asia Through 2100 Using the Ice-sheet and Sea-level System Model
13:00-14:00	Lunch Break			
Technical Session 2: Regional and Global Model Development & Updates (continued)				
Session Chairs: Patrick Schmitt, Beatriz Recinos Rivas				

Time	Session	Speaker	Affiliation	Title
14:00-14:15	Oral	Janosch Beer	ETH Zurich	A fully coupled GloGEM–GloGEMflow framework for ice temperature modeling
14:20-14:35	Oral	Johannes Brunner	University of Oslo	Status update GlacierMIP4
14:40-14:55	Oral	Champollion Nicolas	IGE, Université Grenoble Alpes, CNRS	Lessons learnt from glaciernip initiatives
15:00-15:40	Discussion Session 1			
15:40-16:00	Coffee Break			
16:00-17:00	Discussion Session 2			
17:00 onwards	ECR Ice Breaker			
Day 2				
Technical Session 3a: Remote Sensing, Data Assimilation and Calibration				
Session Chairs: Larissa Nora van der Laan, Rodrigo Aguayo				
09:00-09:15	Oral	Tian Li	University of Bristol	Four decades of pan-Arctic glacier calving fluxes from multimodal satellite imagery
09:20-09:35	Oral	Amal Bibi Yoe	Mahatma Gandhi University	Recent Glacier Area Change and Future Evolution in Eastern Himalayas Using Remote Sensing and OGGM
09:40-09:55	Oral	Beatriz Recinos Rivas	University of Edinburgh	Towards improved area, ice thickness and volume for Antarctic Peripheral Glaciers
10:00-10:15	Oral	Ritu Anilkumar	University of Bristol	Uncertainty-aware machine learning strategies for glacier mass balance modelling
10:20-10:40	Coffee Break			
10:45-11:00	Oral	Alban Gossard	IGE Grenoble	One mass balance model to rule them all: joint assimilation of remote sensing and glaciological data into MassBalanceMachine

Time	Session	Speaker	Affiliation	Title
11:05-11:20	Oral	Kristoffer Aalstad	University of Oslo, Norway	Climate-informed glacier reanalysis via hierarchical Bayesian data assimilation
11:25-11:40	Oral	Oskar Herrmann	Friedrich-Alexander-Universität Erlangen-Nürnberg	Framework for Assimilation of Remote-Sensing Observations in Glacier Modeling (FROG)
11:45-12:15	Briefing and prep for excursion (allows time to return to rooms) / Discussion session			
12:15-13:00	Lunch Break			
13:00 onwards	Excursion			
Day 3				
Technical Session 4a: Poster Lightning Talks				
Session Chairs: Tian Li, Oskar Herrmann				
09:00-09:05	Lightning	Nicolas Gampierakis	University of Bristol	The Many Faces of OGGM: insights from the OGGM community consultation
09:05-09:10	Lightning	Alexandra von der Esch	ETH Zurich	Snowline observations refine projections of Indus glacier water resources.
09:10-09:15	Lightning	Piret Joachim	Vrije Universiteit Brussel	Inferring future SMB with MassBalanceMachine
09:15-09:20	Lightning	Girod Lisa	IGE, Université Grenoble Alpes, CNRS	Ice thickness inversions using different data sources
09:20-09:25	Lightning	Irshad Ali	Chinese Academy of Sciences (IMHE)	Hydrodynamic Analysis of Landslide Dam Breach Formation and Outburst Flood Propagation in the Sunkoshi River Basin, Nepal
09:25-09:30	Lightning	Sebastian Rosier	University of Zurich	Hybrid training for robust emulator-based ice-thickness inversion
09:30-09:35	Lightning	Johannes Brunner on behalf of Henning Åkesson	University of Oslo	Deep-learning based Higher Order distributed ice-flow dynamics in large-scale glacier modelling

Time	Session	Speaker	Affiliation	Title
09:35-09:40	Lightning	Donovan Dennis	PIK / Max Planck Institute of Geoanthropology	Juneau Icefield Tipping Points: Causes and Consequences
09:40-09:45	Lightning	Madlene Pfeiffer	Institute of Geography, University of Bremen, Germany	From Little Ice Age to Present: Glacier Reconstruction in the Central European Alps Using WRF-Based Climate Forcing
09:45-09:50	Lightning	Chloe Hancock	University of Bristol	Parameter Uncertainty on Glacier Runoff in OGGM: A Global Sensitivity Analysis
09:50-12:00	Technical Session 4b: Poster Session			
Technical Session 3b: Remote Sensing, Data Assimilation and Calibration				
Session Chairs: Lander Van Tricht, Alexandra von der Esch				
12:00-12:15	Oral	Pragay Shourya Moudgil	University of Oslo	Improving Degree-Day Model Performance Through Data Assimilation
12:20-12:35	Oral	Yeliz A. Yilmaz	University of Oslo, Norway	Probabilistic calibration of glacier projections using data assimilation
12:40-12:55	Oral	Md Tamsheel Ansari	Indian Institute of Technology of Kharagpur	Climate-Sensitivity Calibration of Glacier Models to Constrain Future Mass Loss in the Eastern Himalayas of Hindu Kush Himalaya
13:00-14:30	Mentorship Lunch			
Technical Session 5a: Applications of Glacier Modelling				
Session Chairs: Javed Hassan, Magali Ponds				
14:30-14:45	Oral	Piret Joachim	Vrije Universiteit Brussel	Performance of the Instructed Glacier Model in inferring observed ice thickness and dynamics
14:50-15:05	Oral	Jordi Bolibar	IGE Grenoble	Towards catchment-based glacio-hydrological modelling with ODINN.jl and Mass Balance Machine

Time	Session	Speaker	Affiliation	Title
15:10-15:25	Oral	Lilian Schuster	Vrije Universiteit Brussel	Long-term global glacier response under the TerraFirma overshoot scenarios
15:30-15:45	Oral	Gerard Roe	University of Washington	Attribution of industrial-era glacier retreat
15:50-16:05	Oral	Fabien Maussion	University of Bristol	Reconstruction and attribution of glacier change in the Alps
16:10-16:30	Coffee Break			
16:30-17:00	OGGM Session: Talk by Fabien – 10 years of OGGM			
17:00-17:30	Open Session			
17:30 onwards	OGGM Birthday Party			
Day 4				
09:00-10:00	Discussion Session 3			
Technical Session 5b: Applications of Glacier Modelling				
Session Chairs: Chloe Hancock, Johannes Brunner				
10:00-10:15	Oral	Rodrigo Aguayo	Vrije Universiteit Brussel	Reimagining how Andean glaciers buffered past streamflow droughts
10:20-10:35	Oral	Larissa Nora van der Laan	University of Copenhagen	Resilience loss in the Greenland Glacier Periphery
10:40-10:55	Oral	Magali Ponds	Vrije Universiteit Brussel	Lagged-response of glaciers to prior climate forcing
11:00-11:20	Coffee Break			
11:20-12:20	Networking Session – Funding, collaborations, etc.			
12:20-13:00	Discussion Session 4			
13:00-14:00	Lunch Break			
14:00-17:00	GlacierMIP Splinter Meeting & Closing			

