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- of high scientific quality
- complete and clear
- substantially different from previously published work.

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Papers should be concise. Lines and pages should be numbered. Letters are limited to five *Journal* pages and Correspondences to two (one *Journal* page = about 1000 words).

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You will be sent a proof of your text and illustrations to check and correct in advance of online publication.

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 - Figures – ideally in tif or eps format (or otherwise in the format in which they were created)
- Responsibility for the accuracy of all data (including references) rests with the authors

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- Title should be concise
- Abstract should be less than 200 words

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- Use SI units
- Use internationally recognized systems of abbreviation
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 - not be in boxes
 - use strong black lines (avoid tinting if possible)
 - use SI units in labels
 - use Optima, Arial or a similar sans serif font in labels
- TeX authors: please provide a pdf of the whole paper (text, tables, figures and captions) as well as the individual LaTeX and graphics files
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 - be numbered in Arabic
 - be referred to in text (as Table 1 etc.)
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- All citations in text should include the author name(s) and the year of publication (e.g. Smith, 2010; Smith and Jones, 2012; Smith and others, 2014) and must have an entry in the reference list
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 - be concise
 - be complete and accurate, including doi numbers
 - be provided in precise *Journal* format, including punctuation and emphasis (see past papers for style)
 - be arranged in alphabetical order by first author's surname
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 - not include personal communications, unpublished data or manuscripts in preparation or submitted for publication (these should be included in the text)

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Journal of GLACIOLOGY

CONTENTS Vol 66 No 259 2020

699–713 **Ice-marginal lake hydrology and the seasonal dynamical evolution of Kennicott Glacier, Alaska**

William H. Armstrong, Robert S. Anderson

714–726 ***Pinus cembra* L. tree-ring data as a proxy for summer mass-balance variability of the Careser Glacier (Italian Rhaetian Alps)**

Riccardo Cerrato, Maria Cristina Salvatore, Björn E. Gunnarson, Hans W. Linderholm, Luca Carturan, Michele Brunetti, Carlo Baroni

727–741 **Understanding the interrelationships among mass balance, meteorology, discharge and surface velocity on Chhota Shigri Glacier over 2002–2019 using in situ measurements**

Arindan Mandal, Alagappan Ramanathan, Mohd. Farooq Azam, Thupstan Anchuk, Mohd Soheb, Naveen Kumar, Jose George Pottakkal, Sarvagya Vatsal, Somdutta Mishra, Virendra Bahadur Singh

742–754 **From high friction zone to frontal collapse: dynamics of an ongoing tidewater glacier surge, Negribreen, Svalbard**

Odin Næss Haga, Robert McNabb, Christopher Nuth, Bas Altena, Thomas Schellenberger, Andreas Kääh

755–765 **The impact of temperature and crystal orientation fabric on the dynamics of mountain glaciers and ice streams**

Kate Hruby, Christopher Gerbi, Peter Koons, Seth Campbell, Carlos Martín, Robert Hawley

766–776 **Modelling dynamic ice-sheet boundaries and grounding line migration using the level set method**

M. Alamgir Hossain, Sam Pimentel, John M. Stockie

777–789 **Variations in surface area of six ice aprons in the Mont-Blanc massif since the Little Ice Age**

Grégoire Guillet, Ludovic Ravel

790–806 **The influence of environmental microseismicity on detection and interpretation of small-magnitude events in a polar glacier setting**

Chris G. Carr, Joshua D. Carmichael, Erin C. Pettit, Martin Truffer

807–821 **Validation of remote-sensing products of sea-ice motion: a case study in the western Arctic Ocean**

Dawei Gui, Ruibo Lei, Xiaoping Pang, Jennifer K. Hutchings, Guangyu Zuo, Mengxi Zhai

822–830 **Insights into drumlin development from ground-penetrating radar at Múlajökull, Iceland, a surge-type glacier**

Jacob B. Woodard, Lucas K. Zoet, Ívar Ó. Benediktsson, Neal R. Iverson, Andrew Finlayson

831–845 **Future projection of cryospheric and hydrologic regimes in Koshi River basin, Central Himalaya, using coupled glacier dynamics and glacio-hydrological models**

Mira Khadka, Rijan Bhakta Kayastha, Rakesh Kayastha

846–860 **A near 90-year record of the evolution of El Morado Glacier and its proglacial lake, Central Chilean Andes**

David Fariás-Barahona, Ryan Wilson, Claudio Bravo, Sebastián Vivero, Alexis Caro, Thomas E. Shaw, Gino Casassa, Álvaro Ayala, Alonso Mejías, Stephan Harrison, Neil F. Glasser, James McPhee, Olaf Wünderlich, Matthias H. Braun

861–875 **Annual cycle in flow of Ross Ice Shelf, Antarctica: contribution of variable basal melting**

Emilie Klein, Cyrille Mosbeux, Peter D. Bromirski, Laurie Padman, Yehuda Bock, Scott R. Springer, Helen A. Fricker

876–879 **Maximizing friction in the erosion of glacial valleys**

Valerio Faraoni

880–886 **Volume-area scaling for debris-covered glaciers**

Argha Banerjee

887–888 **Reply to the comments by Kochtitzky and Edwards (2020) on the study ‘Area changes of glaciers on active volcanoes in Latin America’ by Reinthaler and others (2019)**

Johannes Reinthaler, Frank Paul, Hugo Delgado Granados, Andrés Rivera, Christian Huggel

889 **Interannual modulation of seasonal glacial velocity variations in the Eastern Karakoram detected by ALOS-1/2 data – ERRATUM**

Muhammad Usman, Masato Furuya

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Front cover
Subglacial tunnel carved by Jumbo Creek into Root Glacier near Kennecott, Alaska, USA. Scallop patterns reflect differential melt associated with turbulent water or air flow across the ice. Near-horizontal lines etched into the ice wall near the ice-rock interface reflect the progressive downcutting and lateral migration of an unpressurized subglacial channel. Photo taken June 2012 by William Armstrong