

One special issue will be published in September 2023

The special issue entitled “Observations and Simulations of Greenland Ice Sheet Melting” will be published in September 2023 as general issue (Vol. 34, No. 3), the submission of manuscripts is suggested to focus on the following but not limited to topics: (1) Recent monitoring system on Greenland ice sheet (GrIS) with advanced techniques; (2) Interactions of GrIS with atmosphere and ocean (including sea ice); (3) Surface mass balance observation, reconstruction and modeling; (4) Ice flow dynamics, ice discharge estimation and global sea level contribution; (5) GrIS hydrology and other processes that may trigger ice sheet instabilities.

We are honored to invite Dr. Cunde Xiao, Dr. Zhuoqi Chen, Dr. Limin Jiang, Dr. Minghu Ding and Dr. Tong Zhang as Guest Editors to organize this special issue. We sincerely invite you to contribute to this special issue or other general issues in 2023 and beyond. Submissions deadline for this issue is March 31, 2023. The limit extension for each paper is 15 printed pages (about 10000 words).

As this will be a scheduled special issue, there will be strict adherence to the following deadlines.

- 15 December 2022 — deadline for submitting titles of possible contributions;
- 31 March 2023 — deadline for submitting a manuscript for this issue;
- 15 July 2023 — deadline for submission of the final accepted paper;
- September 2023 — publication date.

Advances in Polar Science (APS) is an international, peer-reviewed and open-access journal sponsored by the Polar Research Institute of China (PRIC) and Chinese Society for Oceanography. Since 2015, APS has become more truly international, and been improving, with its inclusion in Elsevier’s Scopus, the largest abstract and citation database of peer-reviewed literature in May of 2020. Articles published on APS are free of charge with generous funding from PRIC. APS pays particular attention to publishing original papers from early career scientists.

From 1 May 2021, Dr. Ad Huiskes, a biologist from the Netherlands and an Associate Editor of APS since 2015, replaced Prof. Ian Allison as the co-Editor-in-Chief. The Editorial Board renewed in 2021, consists of 38 disciplinary Editors (20 international Editors and 18 Chinese Editors). In 2020, APS celebrated its 30th anniversary since foundation. Till now, APS has published 88 issues (including 21 special/thematic issues), and the authors of these papers come from around 30 nations.

Welcome to visit APS website: aps.chinare.org.cn or aps.pric.org.cn

“Opinion Editorials” category attracts more attention

Opinion Editorials (Op-Ed) was introduced in 2017 as a new category, and is attracting the attention of the international polar community. One scientist from School of Environment, Education and Development, the University of Manchester gave the comments that this is a most welcome initiative.

Op-Ed can be a statement of the opinion of a named author or authors, with a maximum of 1500 words (a maximum length of 2 printed pages). It will provide a forum for comment on the status and/or deficiencies on any aspect of polar science, reflect on recent innovation or progress, promote internationally collaborative polar science projects, etc. It will be directly reviewed by EICs with final decision without peer review by expert referrers. Up to now, 10 Op-Eds have already been published on APS.

- (1) Optical remote sensing of snow fraction – status and future prospects (Igor Appel, USA; 2017, Vol. 28, No.4)
- (2) Polar science needs a foundation: where is the research into polar infrastructure? (Adrian McCallum, Australia; 2018, Vol. 29, No.1)
- (3) Towards truly integrated modeling and observing of marine ice sheets (David Gwyther, Australia; 2018, Vol. 29, No.4)
- (4) T-MOSAiC—A new circumpolar collaboration (Diogo Folhas, João Canário, Warwick F. Vincent, Portugal and Canada; 2019, Vol. 30, No.4)
- (5) The importance of long-term research and monitoring in the Ross Sea (Bod Zuur, New Zealand; 2019, Vol. 30, No.4)
- (6) Arctic environmental change research and Antarctic studies have mutual benefits (Outi Meinander, Finland; 2020, Vol. 31, No. 2)
- (7) The SPLASH Action Group – Towards standardized sampling strategies in permafrost science (Frédéric Bouchard et al., France; 2020, Vol. 31, No. 3)
- (8) Towards an integrated study of subglacial conditions in Princess Elizabeth Land, East Antarctica (Tang Xueyuan and Sun Bo, China; 2021, Vol. 32, No. 2)
- (9) The older ice, the better science (Hou Shugui, China; 2022, Vol. 33, No. 2)
- (10) Some thoughts on the development of polar microbial resources (Wang Nengfei, China; 2022, Vol. 33, No. 3)