

南極・北極における分野横断地球・環境科学雑誌、***Polar Science***  
***Polar Science***, trans-disciplinary journal for earth and environmental  
sciences in the Arctic and Antarctic

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***Polar Science*** is an international, peer-reviewed quarterly journal published by the National Institute of Polar Research (NIPR) and Elsevier (<https://www.journals.elsevier.com/polar-science/>). It originated from the previous Proceedings series of symposia held by NIPR on Polar Upper Atmosphere Science, Polar Meteorology and Glaciology, Polar Geoscience, Antarctic Meteorite Research and Polar Bioscience, and the first issue of ***Polar Science*** was published in August 2007 as a regular international scientific journal under the direction of the Editor-in-Chief, Prof. Kazuo Shibuya (NIPR). The initiation of new journal was intended to promote the transmission of the results of polar research (especially of Japanese scientists) to the international communities and to produce a higher level of the circulation. Now, we have submissions from 30 nations, all over the world.

***Polar Science*** is dedicated to publishing original research articles for sciences relating to the polar regions of the Earth, as well as other planets. It aims to cover 13 disciplines that cover most aspects of space, Earth, and life sciences. Published articles are included in ScienceDirect. ***Polar Science*** also has an Open Archive whereby articles are made freely available from ScienceDirect after an embargo period of 24 months from the date of publication. Prof. Takashi Yamanouchi (NIPR) took over the position of EIC from April 2015.

To encourage future research in the polar regions, restructuring of the disciplines is planned, especially the inclusion of social/humanity sciences. This direction was chosen due to the current trends of Arctic research to be much broader, not only in the field of natural science but also to include discussions with stake-holders (Indigenous people living in the Arctic, policymakers and citizens). Also in relation to Antarctic science (e.g., SCAR: Scientific Committee on Antarctic Research/ICSU) a new need for research in humanities and history has been recognised. In order to publish original research data/dataset, the new data journal “Polar Data Journal” has also been commissioned by NIPR (<https://pdr.repo.nii.ac.jp/>).

キーワード：極域、北極、南極、分野横断、科学雑誌

Keywords: Polar, Arctic, Antarctic, trans-disciplinary, journal