Two special issues will be published in 2021

In 2021, we plan to publish the coming special issues of the journal *Advances in Polar Science* (APS) entitled “Marine Ecosystem and Climate Change in the Southern Ocean” and “Sino-Finnish Cooperation on Cryosphere and Climatology in Polar and Sub-Polar Regions”.

The special issue entitled “Marine Ecosystem and Climate Change in the Southern Ocean” will be released in September 2021 as general issue (Vol. 32, No. 3). The main purpose of this volume is to understand the changes of basic marine environment (including paleo-environment) in the Southern Ocean, diversity of marine populations at different trophic levels and its control factors, the material and energy flows in the ecosystem, and the potential response of populations and ecosystem to the climate and environment change.

In order to celebrate the great achievements by Chinese and Finnish scientists in the field of cryosphere and climatology in high latitudes, the special issue on “Sino-Finnish Cooperation on Cryosphere and Climatology in Polar and Sub-Polar Regions” will be published in December 2021 as general issue (Vol. 32, No. 4). The year 2020 marked the 70th anniversary of the establishment of diplomatic relations between China and Finland. Long-term sustainable and pragmatic scientific and technological cooperation on the cryosphere and climatology in polar and sub-polar regions began in the 1980s. The early Sino-Finnish cooperation mainly focused on the monitoring and forecast of sea ice in the Bohai and Baltic seas. After the year 2000, cooperation was expanded to the processes of lake ice, glaciers and ice sheets, snow cover, atmosphere, and climatology in the polar regions. Jointly, China and Finland have completed the design of the research vessel "*Xuelong* 2", which is one of the most advanced polar research vessels in the world supporting the Chinese National Antarctic and Arctic Research Expeditions (CHINARE). China and Finland have also made collaboration in the education of students and young scientists on the subjects of cryosphere and climatology through supervision, training and short-term summer or winter schools.

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). APS is since 2020 included in Elsevier’s Scopus, the largest abstract and citation database of peer-reviewed literature. In 2020, APS celebrated its 30th anniversary since foundation. By the end of 2020, APS had published 81 issues (including 19 special/thematic issues), and the authors of these papers come from 30 nations.

You can see more details on APS website: www.aps-polar.org.