

Advances in Polar Science

Contents

Vol. 29 No. 1 March 2018

Opinion Editorial

- Polar science needs a foundation: where is the research into polar infrastructure? 1
Adrian MCCALLUM

Articles

- Arctic warming and its influence on East Asian winter cold events: a brief recap 3
Seong-Joong KIM & Baek-Min KIM
- Glacier systems response on climate change by the definite climatic scenario: northeast Russia
..... 13
Maria D. ANANICHEVA & Roger BARRY
- Occurrence of seabirds and marine mammals in the pelagic zone of the Patagonian Sea and
north of the South Orkney Islands 25
José Luis ORGEIRA
- Aspect sensitivity of polar mesosphere summer echoes observed with the EISCAT VHF radar ..
..... 34
LI Hui, WU Jian, TIAN Ruihuan, JIANG Xiaonan & LIANG Yonggan
- The post-Paris approach to mitigating Arctic warming—perspectives from shipping emissions
reduction 40
BAI Jiayu & MA Yuan
- Influence of the Agreement on Enhancing International Arctic Scientific Cooperation on the
approach of non-Arctic states to Arctic scientific activities 51
LIU Han

Cover picture: Gentoo penguins, one of the nesting penguin species in the South Orkney Islands (paper by J. L. Orgeira, page 25)