

## Theme Issue Call for Papers: Polar Education

The Journal of Geoscience Education solicits manuscripts for a special issue on polar education.

Polar regions are experiencing dramatic changes in their climate systems, in sea ice extent, air temperature, snow cover, and permafrost; and over the past 30 years, these regions have warmed 2-3 times more than other regions across the globe. These changes have important environmental and societal implications both within the polar regions as well as for the rest of the world. Polar regions help maintain a stable heat budget for the Earth, and changes in polar climates affect the global climate system. This theme issue focuses on polar education related to both the Arctic and Antarctic regions. Contributions to the theme issue will describe education, outreach, and communication activities that engage learners in exploring polar regions, the climate system, physiogeography, the people that live in the Arctic, fauna and flora of polar regions, the future of polar regions, and how citizens across the globe are connected to changes in the polar regions. Papers summarizing educational research results that shed light on effective ways to engage learners in polar topics are encouraged. We welcome contributions from the formal (K-12, college) and informal science education sectors.

**Types of Papers:** The following types of papers are solicited for the theme issue.

- **Research Papers** that describe methods and results of original studies focused on all aspects of polar education.
- **Curriculum and Instruction Papers** that describe new teaching materials or methods and provide evidence for their effectiveness.
- **Commentaries** that are grounded in the literature and provide a critical or alternative viewpoint on a key issue or provide insight into an important development in polar education that is of broad interest to geoscience educators or researchers.
- **Literature Reviews that** synthesize and evaluate the published literature on a polar education topic within geoscience education research or practice.

**Manuscript Preparation and Submission:** The **manuscript submission deadline** is **June 15, 2018**. For information, including author instructions, please visit <http://nagt-jge.org/>. All submitted manuscripts should meet author guidelines and JGE review criteria. All submissions will be externally reviewed.

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