

A mid-latitude approach towards a sustainable Arctic of the planet Earth

Huigen Yang, Polar Research Institute of China

The geographic location of the Arctic makes it a singular point in the earth's system. Meanwhile, the Arctic is undergoing dramatic environmental and social transformations due to global climate change, which makes it a new global focal point. China, as a mid-latitude country and the second largest economy of the world, is affected by these rapid changes of the Arctic, and vice versa. Under the theme of ICARP III '*Integrating Arctic Research - A Roadmap for The Future*', I would like to explore some perspectives from the practice of the Chinese National Arctic Research Expedition (CHINARE), and share a view on how a mid-latitude country can constructively contribute to understanding a global Arctic. An effective mid-latitude approach to the Arctic future comprises of integrating social science with natural science, forming synergies through regional and international cooperation, and extending research to dissemination. In responding to the Arctic ramifications, the mid-latitude can be an integral part towards a sustainable Arctic of our shared earth.