

Theme Session F

Arctic Biodiversity under Climate Change and Other Stressors

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The Arctic marine environment is experiencing major changes due to ongoing climate change and increases in human activities. The reduction of coastal sea ice already hinders traditional hunting and activities of unique Arctic fauna, and has opened new routes for intercontinental shipping and access to mineral, oil and gas resources. The resulting ecological changes will be complex, including increases in productivity, changes in foodweb structure, losses of native species, and gains of non-native species. Within this context, papers are welcome on the following topics: Arctic Biodiversity; Aquatic Invasive Species; Climate Change Impacts; Human Activity Impacts