

Climate-related displacements of coastal communities in the Arctic: engaging traditional knowledge in adaptation strategies and policies.

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Abstract

Climate change impacts lead to alterations in migration patterns and the displacement of exposed native communities and peoples in the Arctic region, forcing them to leave their homes and traditional ways of life as a result of rapid local ecological changes. This presentation displays the impacts of climate change on Arctic native communities and the usefulness of incorporate traditional knowledge in current policy-making processes as a source of knowledge for adaptation.

The main conclusions are that the representation of indigenous peoples in international governance structures does not guarantee that traditional knowledge is entirely engaged in evidence-based policy making and that traditional knowledge is not always valued as an equal source of knowledge by some relevant scientific bodies. In this context, changing the approach towards a knowledge-based framework would contribute to the development of more concrete policies and strategies for adaptation in the Arctic region.