

Sustainable management of renewable resources in northern ecosystems under climate change

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SPECIALS of Climate Research (CR) present important new information on climate phenomena, measured and assessed by closely coordinated group efforts. They concentrate on specific research themes or geographic areas.

CR SPECIAL 35 focuses on the management of sustainable harvesting considering species interactions, environmental variations, and in particular, climate change. Environmental variation (including climate change) and selective harvesting can impact the population structure of both harvested and non-harvested species within the same ecosystem. Therefore, sustainable harvesting, involving all stakeholders via adaptive management, is paramount to successfully managing harvested and non-harvested populations together. The main aims of the SUSTAIN project in this Special are:

- *To fill knowledge gaps related to the sustainable management of populations and ecosystems experiencing climate change, using selective case studies (freshwater, marine and terrestrial) within boreal and Arctic ecosystems*

- *To provide guidance for adaptive harvesting management involving all stakeholders*

Contributions to this CR SPECIAL provide a comprehensive overview of an integrated approach towards developing management strategies for exploited species taking the expected climate changes into account.

We are pleased to make the online version of this CR Special available with Open Access.

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