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## Calls to Action: Climate Change and Indigenous Food Sovereignty in Arctic

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This study is responding reconciling Indigenous climate change and food sovereignty in Arctic. We will explore, how recent climate change (and interpretation) is challenging to Indigenous food sovereignty sources; and what is at stake in processes such as hunting consultation, impact assessment, regulatory hearings, approvals (including negotiation of benefits), monitoring? and what reformed processes can build Indigenous community capacity and supports robust decisions? The outcomes will assist policy makers and communities to guide future consultations and impacts assessment guideline and climate change planning initiatives. We (as an interdisciplinary research team of Indigenous Elders, knowledge-keepers, Indigenous and non-Indigenous scholars) will focus on Indigenous understanding of Indigenous philosophies of climate change and the connectivity between climate change and food sovereignty and sustainability related to the interactions and inter-dependencies with health security, Indigenous environmental and cultural value protection. Indigenous knowledge-ways have much to offer in support of resiliency of climate change and water infrastructure in Indigenous communities, intercultural reconceptualization of research methodologies, environmental sustainability, and educational programs which support Indigenous communities.

**Action Plan: Objective:** Supporting Indigenous perspectives on climate change impact management and food sovereignty. This includes involving members of Indigenous community to offer insight into Indigenous cultural and community responsibilities of Indigenous climate change impacts management to inform food sovereignty performance review policy development. **Contribution:** The designing, coordinating, and hosting an interdisciplinary Focused Dialogue Session on the relationship between climate change impacts management and food sovereignty. This Dialogue Session creates new scholarly knowledge about pipeline leak impacts and food sovereignty processes. **Objective:** Developing effective and trustful engagement dialogs to build capacity among Indigenous Elders, Knowledge-keepers, and scholars. **Contribution:** This objective supports Indigenous perspectives through specific, policy-orientated research that positively impacts their vision and allow them to develop new ways of climate change impacts and food sovereignty. This reveals climate change impacts management and food sovereignty policy and practices in Arctic. **Objective:** Mobilize knowledge and partnership for reconciliation (specifically translate research results into evidence for policy-making) through developing an impact

assessment policy guideline. **Contribution:** The impact assessment policy guideline shares knowledge and implications of climate change impacts management policy documents local, provincially, and nationally and assist in the articulation and practice of food sovereignty source protection, as culturally and community informed.