# Indigenous-led Conservation in Canada Hanna Sander-Green, MACAL student, Royal Roads University

#### **Conservation in Canada: Past and Present**

Throughout Canada's history and with respect to conservation projects, Indigenous peoples have:

- been **left out of decision-making** (Mansuy et al., 2023);
- been **displaced** from their land (Moola & Roth, 2019; Youdelis et al., 2021; Zurba et al., 2019);
- lost access to traditional foods and cultural heritage sites (Moola & Roth, 2019).

Current conservation projects can cause further Indigenous displacement and land dispossession if they are conducted without attending to Indigenous rights (Vogel et al., 2022).



# **Indigenous-led Conservation**

Indigenous-led conservation can address the climate and biodiversity crises while ensuring Indigenous peoples have continued access to and connection with their lands (Tran et al., 2020; Vogel et al., 2022; Youdelis et al., 2021).

# **Indigenous Protected and Conserved Areas (IPCAs)**

IPCAs in Canada address:

- Commitments to Indigenous rights: for example, the United Nations Declaration on the Rights of Indigenous Peoples and the Truth and Reconciliation Commission (Mansuy et al., 2023; Zurba et al., 2019)
- Conservation targets: for example, the Government of Canada's target of protecting 25% of Canada's territory by 2025 and 30% by 2030 (Mansuy et al., 2023)

"IPCAs are managed in accordance with Indigenous legal and knowledge systems... [T]hey are designed to facilitate not only ecological conservation, but also sustainable livelihoods and self-determination, cultural and language revitalization, and the maintenance of Indigenous knowledge systems" (Youdelis et al., 2021, p.3).

IPCAs are "lands and waters where Indigenous governments have the primary role in protecting and conserving ecosystems through Indigenous laws, governance and knowledge systems" (Indigenous Circle of Experts, 2018, p.5).

### Climate Change and Indigenous-led Conservation

Indigenous knowledge systems provide important contributions to a shared understanding of climate change impacts and our ability to adapt. (Bush & Lemmen, 2019)

Protecting lands and waters in Canada can help with climate mitigation (increased greenhouse gas uptake and storage) and climate adaptation (enhanced resiliency; Vogel et al., 2022)

**Climate change** can be linked directly to colonization (Gram-Hanssen et al., 2021). There is a **moral imperative** to underpin climate action projects with practices of **decolonization**.

#### Indigenous-led conservation as transformative climate action

"The concept of transformation implies deep-rooted changes to unsustainable societal systems and structures as well as the underlying logics and values that help maintain them" (Gram-Hanssen et al., 2021, p.2).

Indigenous communities are **disproportionately affected by climate change impacts**(Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services, 2019). It is important that there is a focus on climate adaptation and resilience efforts in and around Indigenous communities.

#### References

Bush, E. and Lemmen, D.S. (Eds.). (2019). Canada's changing climate report. Environment and Climate Change Canada. <a href="https://www.nrcan.gc.ca/sites/www.nrcan.gc.ca/files/energy/Climate-change/pdf/CCCR\_FULLREPORT-EN-FINAL.pdf">https://www.nrcan.gc.ca/sites/www.nrcan.gc.ca/files/energy/Climate-change/pdf/CCCR\_FULLREPORT-EN-FINAL.pdf</a> Gram-Hanssen, I., Schafenacker, N., & Bentz, J. (2021). Decolonizing transformations through 'right relations. Sustainability Science. <a href="https://doi.org/10.1007/s11625-021-00960-9">https://doi.org/10.1007/s11625-021-00960-9</a>

Indigenous Circle of Experts. (2018). We rise together: Achieving Pathway to Canada Target 1 through the creation of Indigenous Protected and Conserved Areas in the spirit and practice of reconciliation. Parks Canada. https://publications.gc.ca/collections/collection\_2018/pc/R62-548-2018-eng.pdf

Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services. (2019). Summary for policymakers of the global assessment report on biodiversity and ecosystem services. <a href="https://doi.org/10.5281/zenodo.3553579">https://doi.org/10.5281/zenodo.3553579</a>
Mansuy, N., Staley, D., Alook, S., Parlee, B., Thomson, A., Littlechild, D. B., Munson, M., & Didzena, F. (2023). Indigenous protected and conserved areas (IPCAs): Canada's new path forward for biological and cultural conservation and Indigenous well-being. FACETS, 8, 1-16. <a href="https://doi.org/10.1139/facets-2022-0118">https://doi.org/10.1139/facets-2022-0118</a>

Moola, F., & Roth, R. (2019). Moving beyond colonial conservation models: Indigenous protected and conserved areas offer hope for biodiversity and advancing reconciliation in the Canadian boreal forest. Environmental Reviews, 27(2), 200-201. <a href="https://doi.org/10.1139/er-2018-009">https://doi.org/10.1139/er-2018-009</a>

Tran, T. C., Neasloss, D., Kitasoo/Xai'xais Stewardship Authority, Bhattacharyya, J., & Ban, N. C. (2020). "Borders don't protect areas, people do": Insights from the development of an Indigenous Protected and Conserved Area in Kitasoo/Xai'xais Nation Territory. FACETS, 5(1), 922-941. https://doi.org/10.1139/facets-2020-004

Vogel, B., Yumagulova, L., McBean, G., & Charles Norris, K. A. (2022). Indigenous-led nature-based solutions for the climate crisis: insights from Canada. Sustainability, 14(11), 6725. <a href="https://doi.org/10.3390/su14116725">https://doi.org/10.3390/su14116725</a>

Youdelis, M., Townsend, J., Bhattacharyya, J., Moola, F., & Fobister, J. B. (2021). Decolonial conservation: establishing Indigenous Protected Areas for future generations in the face of extractive capitalism. Journal of political ecology, 28(1), 1-32

Zurba, M., F. Beazley, K., English, E., & Buchmann-Duck, J. (2019). Indigenous protected and conserved areas (IPCAs), Aichi Target 11 and Canada's Pathway to Target 1: Focusing conservation on reconciliation. Land, 8(1), 10. https://doi.org/10.3390/land8010010