



Supplementary Material for
“Two-eyed seeing” supports wildlife health

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This PDF file includes:

Supplementary Text
Fig. S1

Supplementary Text

Extended reading list.

- I. International Union for the Conservation of Nature (IUCN), *Indigenous Peoples*, <https://www.iucn.org/theme/governance-and-rights/about/indigenous-peoples>
- II. United Nations, *The Convention on Biological Diversity, Strategic Plan for Biodiversity 2011-2020, Aichi Biodiversity Targets*, <https://www.cbd.int/sp/targets/>
- III. M. Tomaselli, *Improved Wildlife Health and Disease Surveillance through the Combined Use of Local Knowledge and Scientific Knowledge*, thesis, University of Calgary (2018)
- IV. A. Catley, R.G. Alders, J.L. Wood, *Vet. J.* **191**, 151 (2012)
- V. C.J. Hill, R. Schuster, J. Bennett, *Environ. Sci. Policy* **94**, 220 (2019)
- VI. K. Moon *et al.*, *Methods Ecol. Evol.* **10**, 294 (2019)
- VII. F. Berkes, J. Colding, C. Folke C, *Ecol. Appl.* **10**, 1251-1262 (2000)
- VIII. H.P. Huntington, *Ecol. Appl.* **10**, 1270 (2000)
- IX. H. Huntington, T. Callaghan, S. Fox, I. Krupnik, *Ambio* **33**, 18 (2004)
- X. N.J. Turner, K.L. Turner, *Botany* **86**, 103 (2008)
- XI. A.C. Bélisle, H. Asselin, P. LeBlanc, S. Gauthier, *Ecol. Soc.* **23**, 14 (2018)

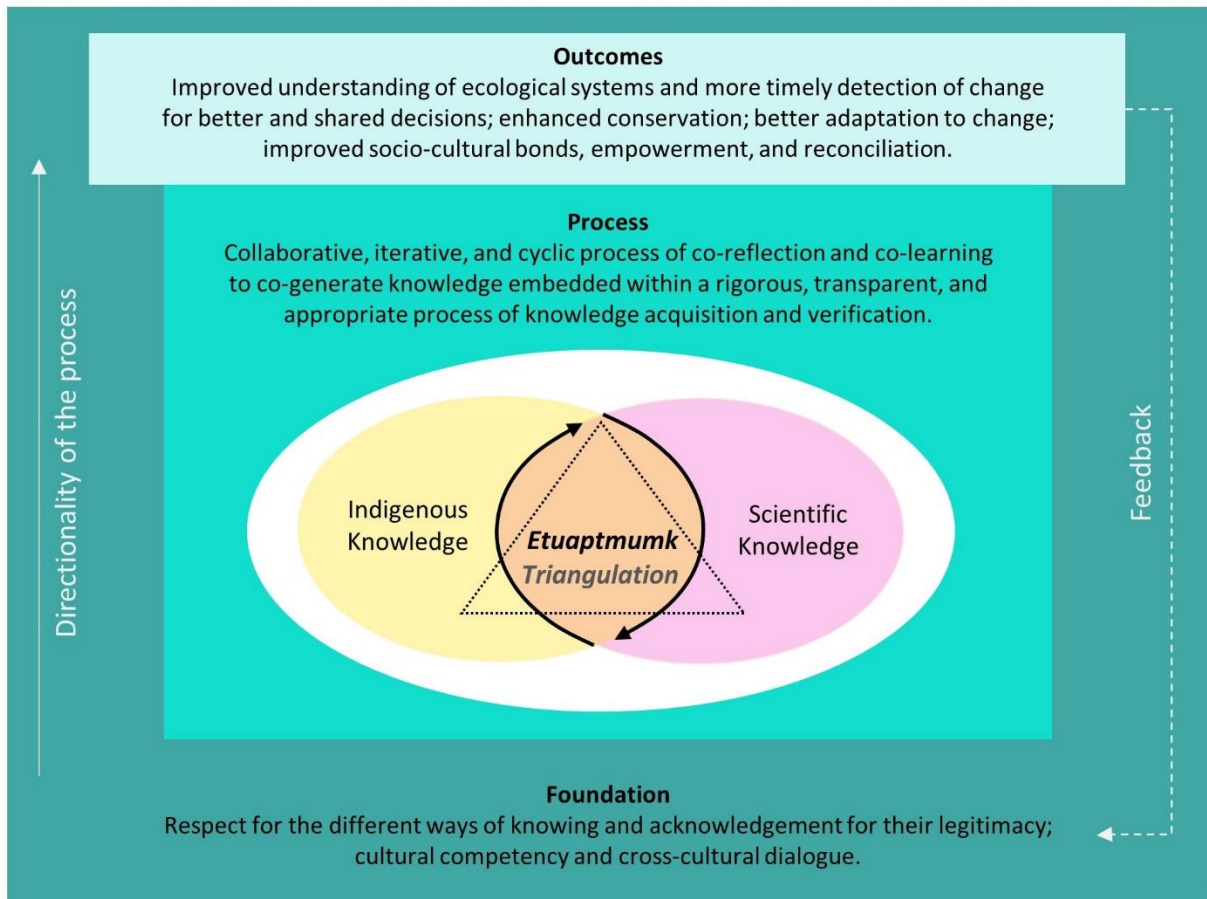


Fig. S1.

The Foundations, Processes, and Outcomes of bridging Indigenous Knowledge and Scientific Knowledge. Indigenous Knowledge and Scientific Knowledge are different ways of knowing with unique methods for acquiring and interpreting information and strengths and limitations of their own; bridging the two knowledge systems by applying the principle of “*Etuaptmumk*”, two-eyed seeing, or the process of triangulation (corroboration of information by using multiple methods and sources) can reduce overall uncertainty, increase confidence, and expand breadth and depth of knowledge leading to improved outcomes. Two-eyed seeing and triangulation are not applied to validate results by contrasting knowledge systems against one another, but rather as ways to achieve greater insights by comparing and combining results from knowledge systems that compensate for each other’s uncertainty.