

WECLIFS : Wildlife, Environmental Change, and Local Indigenous Food Systems

in northern Quebec

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In northern Quebec, local Indigenous food systems, involving the sustainable local harvest of wild plants and animals, is a critical natural, health, and cultural asset of the people of Eeyou Istchee and Nunavik.

WECLIFS connects researchers from Health, Social, and Natural Sciences to study how environmental change impacts wildlife and local food systems, while fostering ethical, effective, and meaningful collaborations with organisations, communities, and individuals to promote Indigenous self-determination and academic integrity in research.



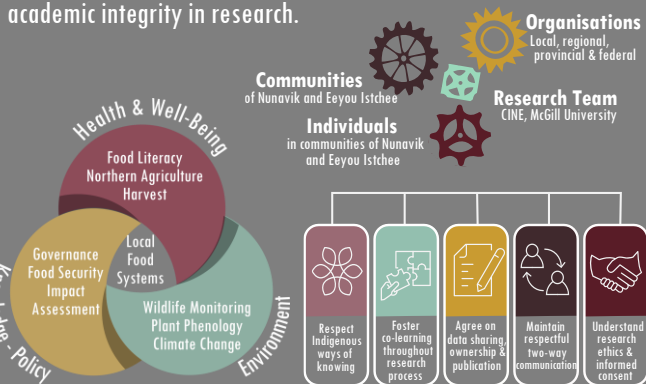
Nunavik wild food species or Niqitunnait in Inuktitut (scaled by food consumption importance as presented in Lemire et al. 2015).



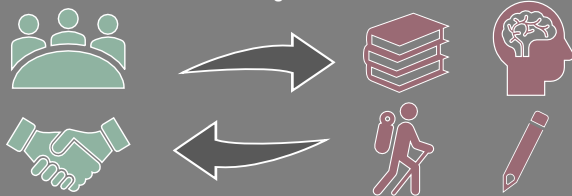
WECLIFS research and funding partners



Eeyou Istchee wild food species or Iiyi(yi)(ni)miichim in Cree (scaled by food consumption importance as presented in Bonnier-Viger, et al. 2007)



WECLIFS graduate training puts emphasis on partner engagement and project co-development, through pre-thesis internships and partner involvement at all stages of trainees' research.



For more information, contact murray.humphries@mcgill.ca

Beaver expansion & impacts in Nunavik

Mikhaela Neelin, MSc

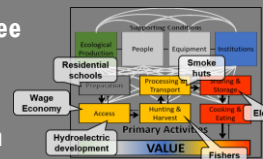
Research includes interviews about Arctic char in 10 communities, helicopter surveys of beaver distribution, beaver habitat/climate niche modelling, satellite-detection of beaver activity.



A case study of lake sturgeon and Actor-Network Theory in Nemaska, Eeyou Istchee

Nathan Badry, PhD

Focused on lake sturgeon value chain in Nemaska to understand how human and nonhuman actors operate across knowledge, social, jurisdictional boundaries to influence collaborative governance.



Highlights of two WECLIFS student sub-projects

Culturally important plants & phenology
Allison Ford, PhD



Traditional food literacy & knowledge exchange
Christine Ha, PhD



Social-ecological drivers of wild food systems
Richard Boivin, BSc



Collaborative governance & cumulative effect assessment in Eeyou Istchee
Tian Qi Che, MSc



Climate change impacts on key wildlife species
Pascale Ropars, PhD



Marine wildlife and biodiversity monitoring
Alexandra Langwieder, MSc



Moose habitat suitability in Eeyou Istchee
Gwyneth MacMillan, PhD
Eleanor Stern, MSc
Nathan Badry, PhD



Valuing wild food systems
Duncan Wartier, PhD



WECLIFS student sub-project titles and pictures