

A Resilient Future for Coastal Communities

Federal Policy Recommendations...



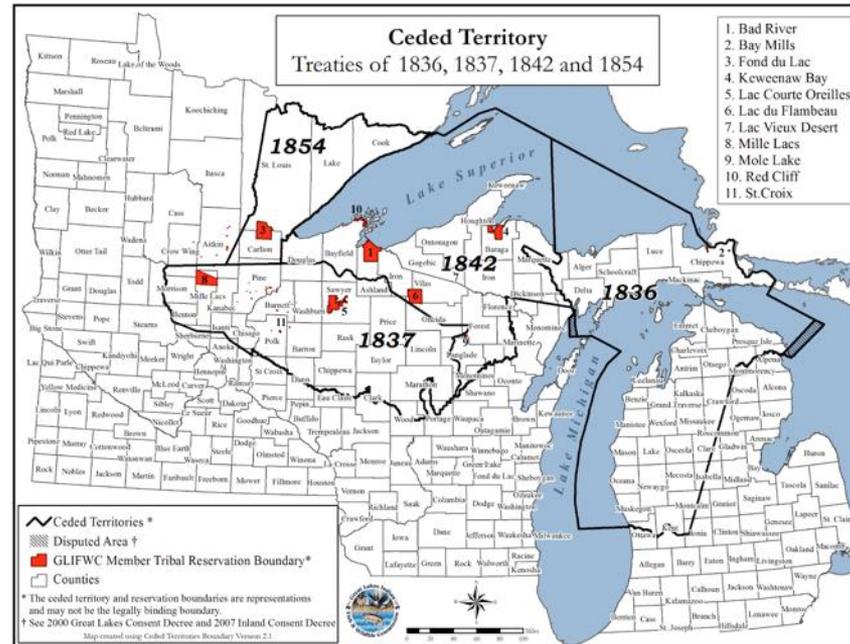
What is GLIFWC?

An intertribal natural resource agency exercising authority delegated by its 11 Ojibwe member tribes to implement federal court orders and interjurisdictional agreements related to their ceded territory treaty rights.





Map of GLIFWC Bands and Ceded



Climate adaptation and resilience data

4.1 Federal agencies should encourage, through funding and program design, scientists and tribes to co-produce climate adaptation and resilience knowledge.

Land use and Development

2.10 Federal agencies should include tribal and indigenous communities early in the adaptation or relocation planning process so that concerns can be raised regarding tribal sovereignty.

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How will climate change affect tribes?

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Tribes depend on treaty resources to meet spiritual, ceremonial, medicinal, subsistence, and economic needs



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Many beings are highly or extremely vulnerable

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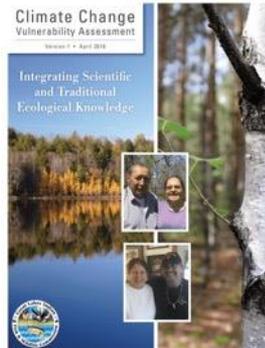
Highly Vulnerable

(range likely to decrease significantly by mid-century)

-  Northern pike, yellow perch, lake trout, walleye
-  Fisher
-  Wild leek, black ash, wild ginger, paper birch, sugar maple, balsam fir, American ginseng
-  Wood duck, trumpeter swan, common loon, cave bats, sharp-tailed grouse
-  Wood turtle



GLIFWC Vulnerability Assessment



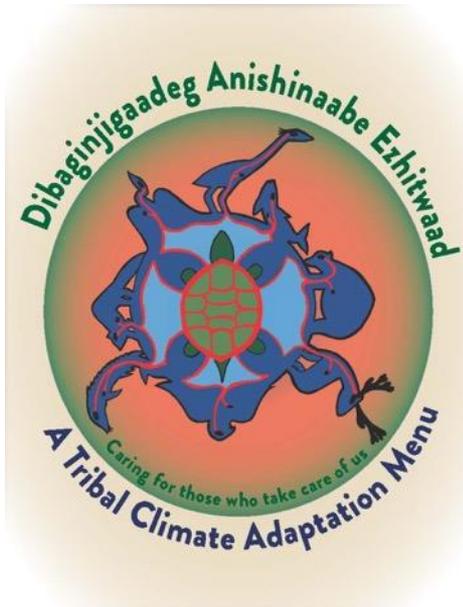
Extremely Vulnerable

(range extremely likely to decrease or disappear by mid-century)

-  Lake whitefish, tullibee
-  American marten, moose, snowshoe hare
-  Wild rice, labrador tea, northern white cedar, tamarack

Dibaginjigaadeg Anishinaabe Ezhitwaad: A Tribal Climate Adaptation Menu

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Need for an adaptation planning tool that integrates indigenous knowledge, culture, science and perspective with western science and perspectives

Need to facilitate culturally appropriate climate adaptation between tribes and non-tribal partners



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Cultural Practices and Community Engagement

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Strategy 1: Consider cultural practices and seek spiritual guidance.

- 1.1. Consult cultural leaders, key community members, and elders.
- 1.2. Consider mindful practices of reciprocity.
- 1.3. Understand the human and landscape history of the community.
- 1.4. Hold respect for all of our relations, both tangible and intangible.
- 1.5. Maintain dynamic relationships in a changing landscape.

Strategy 2: Learn through careful and respectful observation (gikinawaabi).

- 2.1. Learn from beings and natural communities as they respond to changing conditions over time.

Strategy 3: Support tribal engagement in the environment.

- 3.1. Maintain and revitalize traditional relationships and uses.
- 3.2. Establish and support language revitalization programs.
- 3.3. Establish, maintain, and identify existing inventory and monitoring programs.
- 3.4. Establish and maintain cultural, environmental education, and youth programs.
- 3.5. Communicate opportunities for use of tribal and public lands.
- 3.6. Participate in local- and landscape-level management decisions with partner agencies.

