



**SHIANNE MCKAY, B.Sc.**  
**PROJECT MANAGER/RESEARCH ASSOCIATE**  
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#### **EDUCATION:**

B.Sc. Environmental and Conservation  
Sciences (2008)  
University of Alberta  
Edmonton, Alberta

#### **BACKGROUND:**

2009-Present: Project Manager/ Research Associate, Centre for Indigenous  
Environmental Resources  
2009- Terrestrial Biological Technical Assistant, Saskatchewan Watershed  
Authority (SWA)-Elbow, Saskatchewan

#### **EXPERIENCE:**

Shianne has 11 years of experience in the Conservation Biology field; 10 years working directly with First Nation communities. Shianne joined CIER in September 2009. She is Ojibway and a member of the Pine Creek First Nation in Manitoba. She has attained a B.Sc. in Environmental and Conservation Sciences with a major in Conservation Biology from the University of Alberta. In 2013, she received a certificate in Indigenous Women in Community Leadership from the Coady International Institute at St. Francis Xavier University.

At CIER, Shianne has assisted in the development of Youth Water Leaders, First Nation Fish Habitat, Species at Risk, and Children and Youth Water Guardians workshop educational tools, presented educational tools to schools and wrote proposals. More recently, Shianne has coordinated and co-facilitated a National Indigenous Community Based Climate Monitoring Symposium, participated in Science, Technology, Engineering and Math (STEM) youth workshops with Dakota Ojibway Tribal Council and assisted in integrating Indigenous content into Earth Rangers education curriculum.

#### **PROJECT EXPERIENCE:**

- Indigenizing Earth Rangers Education Curriculum, 2018.
- Science, Technology, Engineering and Math (STEM) DOTC Workshops, 2018.
- National Indigenous Community Based Climate Monitoring Symposium, 2017.
- First Nations Climate Change and Infrastructure Guidance Document, 2016 (ongoing)
- Manitoba Regional First Nation Climate Change and Health Workshop. 2017.
- Important Bird Areas and Manitoba First Nation Engagement. 2016-2017.
- Needs Assessment for First Nations involved in the Network of Networks (NoN). 2016.
- BC Systematic Review: Indigenous Watershed Initiatives and Governance Arrangements. 2016.
- Earth Rangers Aboriginal Traditional Knowledge (ATK) Mission. 2016.
- Urban Aboriginal Youth Water and Leadership Workshops. Winnipeg Foundation. 2014.
- Our Water-Our Future Youth Water Leaders 2012-2014.

**PUBLICATIONS:**

- Cave, K, McKay, S. 2016. Water Song: Indigenous Women and Water. The Solutions Journal, Volume 7, Issue 6, November 2016, Pages 64-73. Available online: <https://www.thesolutionsjournal.com/article/water-song-indigenous-women-water/>