

Guided by the direction of her Grandfather to become a fisheries scientist for the interests of the Tsimshian, and encouraged by Hereditary Chiefs and community to pursue economic opportunities, Teresa has engaged proponents in dialogue with realistic objectives for resource production and economy building while protecting the environment. She participates in many aspects of resource management with emphases in fisheries and environmental assessment.

Teresa belongs to the Gitlan tribe, Tsimshian Nation, House of Xpe Hanaax, Ganhada clan. Teresa is Lead Biologist for the [First Nations Marine Society](#); Project Manager - Gitxaala Environmental Monitoring, BC Center for Aquatic Health Sciences; Sr. Policy Advisor to the [Native Brotherhood of BC](#); Scientist - [Pacific Salmon Commission Joint Chinook Technical Committee](#); Vice Chair – BC Pacific Salmon Forum; Visiting Scientist [DFO](#) - UBC Centre for Aquaculture and Environmental Research UBC; [BC Aquaculture Research and Development Committee](#) member, BC Innovation Council; and (BC) [Mining and Sustainability Award](#) adjudication committee member. She also participates in various education and project committees. She has earned a Bachelor of Science in Fisheries/Aquatic Ecology, a Master of Science in Resource Management and is currently working on a PhD in the Institute of Resources, Environment and Sustainability at the University of British Columbia. Her research has focused on the integration of Aboriginal Knowledge into resource management. Her professional experience includes administration and governance for First Nations including natural resources planning, environmental assessment, legal advisory, community outreach, and economic development. Time permitting . . . she expresses her cultural heritage through cedar basket weaving.

National Aboriginal Land Managers Association 5th National Gathering: Diversity in Lands Management. September 20, 2007. Saskatoon, SK.

Presentation Outline:

Visions of future environments through the kaleidoscope of the past

The art and science of Aboriginal Resources Management: Aboriginal Knowledge

- Generations of resources use and environmental observations
- What is Aboriginal Knowledge?
 - o Contrast with the contemporary context
 - o Relevant access
 - o Protecting the context of origin

Shape-shifting change through legal interpretation

- Pre-confederation declaration to contemporary case law
- Legislation: the basis for regulation
 - o Policy and implementation
 - o Scale of Interpretation

Seeing the damage before the first cut: Prevention of negative impacts

- Baseline characterization
- Data access and control
- Sustainability as the core to economy

Creating the Legacy

- Capacity building beyond the fiscal cycle
- Opportunity creation
- Community health and prosperity