



March 6, 2025

PREPARED FOR

The Nisqually Indian Tribe
4820 She-Nah-Num Drive SE
Olympia, WA 98513

PROJECT PROPOSAL

“Bridging Knowledge: Climate Change Education Through Traditional Ecological Wisdom”

PROJECT TIMELINE

Start March 11, 2025
End June 30, 2025

PROJECT COST

Rate of \$50.00 per billable hour with an estimation of 160 hours per month.
Total project cost \$28,000.00.

PROJECT SUMMARY

This project aims to develop educational resources that integrate Traditional Ecological Knowledge (TEK) with climate change education to support the Nisqually Indian Tribe’s efforts in environmental stewardship, cultural preservation, and climate resilience. By combining Indigenous knowledge systems with environmental perspectives, the project will empower tribal members, especially youth, with the tools to understand, adapt to, and mitigate the effects of climate change within their ancestral lands.

PROJECT GOALS

1. **Integrate TEK with Climate Change Education** – Develop culturally relevant educational materials that highlight how the Nisqually’s traditional ecological knowledge informs climate adaptation and sustainability.
2. **Develop Educational Resources** – Create curriculum materials, multimedia content, and interactive learning materials for use in tribal schools and community programs.
3. **Preserve & Share Knowledge** – Work with Elders, Knowledge Keepers, and reference environmental sources to document and share TEK related to sustainable practices, resource management, and ecosystem sustainability.

PROJECT ACTIVITIES

- **Interviews & Storytelling** – Collect oral histories from Nisqually Elders about traditional environmental practices and observations of climate shifts.
- **Curriculum Development** – Design educational multimedia content for tribal schools and community education programs.
- **Community Engagement** – Participate in events and discussions that bring together tribal members of all ages together to learn and exchange knowledge.

EXPECTED OUTCOMES

- Increased awareness and understanding of climate change impacts on Nisqually lands and traditions.
- Strengthened intergenerational knowledge transfer between Elders and youth.
- Practical strategies for integrating TEK into climate resilience education.
- A repository of educational resources for ongoing learning and future initiatives.

CONCLUSION

By weaving together Traditional Ecological Knowledge and climate science, this project will honor and sustain the Nisqually Tribe's deep relationship with the land while preparing future generations to navigate and respond to climate challenges. Through education, storytelling, and community collaboration, this initiative will strengthen cultural resilience and environmental stewardship for years to come.

Thank you for consideration for this important project.
Please let me know if I can answer any questions.

Sincerely,



Spring Petta, Instructional Designer

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Training Design Team



Spring Petta, Instructional Designer

- MA Applied Linguistics
- BA Linguistics & TESOL Certification
- AAS Forest Resources

Spring began her teaching career creating curriculum for non-native English speakers in 2010. Now with over 13 years of educational experience across disciplines and formats, her instructional design approach evolves from a blend of academic and teaching experiences in systems thinking, linguistics, natural science, forestry, environmental advocacy, circular economic models, and traditional ecological knowledge.