

Tribal Natural Resources Faculty Candidate Seminars

Dr. Michael Dockry

US Forest Service, Northern Research Station

Research Seminar

Tuesday, March 12, 2019

12:00-1:00 p.m.

110 Green Hall

St. Paul Campus

Building partnerships with tribes to integrate Indigenous knowledge into natural resource management

Indigenous knowledge, also referred to as traditional ecological knowledge, has sustained American Indian communities and their natural resources for thousands of years. Indigenous knowledge continues to shape tribal communities and their relationships with natural resources today. Scholars, natural resource managers, and Indigenous people generally agree that Indigenous knowledge is important for managing our ecosystems and addressing our integrated social, economic, and ecological challenges like climate change and invasive species. Despite the recognition of the importance of Indigenous knowledge, natural resource managers, scientists, and universities have struggled to integrate this knowledge into planning, management, policy, teaching, and research. My talk will discuss how tribal partnerships can serve as the foundation for integrating Indigenous knowledge with western natural resource management science. I will present results from my research on building partnerships with tribes and also provide practical partnership-building examples and strategies for working with tribes. The goal of building tribal partnerships is to increase the mutual understanding of diverse knowledges and more effectively incorporate tribal perspectives and Indigenous knowledge into natural resource management and research. Additionally, I will outline my vision for the CFANS tribal natural resource faculty position, my research agenda, and my collaborative approach to building partnerships with tribes to achieve tribal goals and to address our 21st century natural resource management challenges and opportunities.

If you cannot join us, please go to - <https://z.umn.edu/DockryResearchSeminar> to watch the seminar online.

Teaching Seminar

Wednesday, March 13, 2019

9:00-10:00 a.m.

110 Green Hall

St. Paul Campus

Integrating Traditional Ecological Knowledge and Western Science: Significance and Approaches

Indigenous knowledge is important for addressing natural resource management challenges like climate change and invasive species. It also directly supports tribal communities, tribal natural resource management and tribal sovereignty. This teaching seminar will explore an Indigenous model of sustainability developed at the College of Menominee Nation Sustainable Development Institute that integrates Indigenous knowledge and western science. The model incorporates Indigenous knowledge into the process of reconciling tensions among six dimensions of sustainability: land and sovereignty; natural environment (including human beings); institutions; technology; economy; and human perception, activity, and behavior. A central concept of the model is based on the experience of the Menominee Indian Tribe of Wisconsin and their cultural values and relationship to place. The model challenges students to explore their own values related to sustainable natural resource management and to help them integrate multiple perspectives into their understanding of natural resource management. The model will be used in my course as a framework for understanding the origins of sustainable forestry in the United States and multiple case studies that explore the integration of both Indigenous knowledge and western science. This model will also serve as a tool students can use to integrate multiple knowledge sources throughout their coursework, their degree program, and their career.

If you cannot join us, please go to - <https://z.umn.edu/DockryTeachingSeminar> to watch the seminar online.

**For more information go to: FR link: <https://www.forestry.umn.edu/tribal-natural-resources-faculty-search>
FWCB link: <https://fwcb.cfans.umn.edu/tribal-natural-resources-faculty-search>**