

Changing Communities

Consulting

<http://stemconsult.org>

Engaging & Growing Diverse Students With Climate Science Education

2-Day Teacher Workshop At Fon du Lac Tribal & Community College

August 18th & 19th, 2016

8:30 – 3:30 PM

This 2-day experiential workshop invites teachers to take a journey across cultures into the perceptual intersections of Native and Western cultures that help them broaden their ability to engage the diverse worldviews of their students. It engages teachers in a variety of hands-on climate change activities to explore how climate change impacts climate in the upper Midwest region and fundamental principles of “systems thinking” that help us make sense of the science of climate change

Teachers will also explore a cultural proficiency framework that helps them explore, communicate and deepen their ability to engage and grow students from underserved minority communities, and a set of inter-cultural tools [including storytelling] that helps them invite students’ cultures into their classrooms in ways that empower them to learn STEM in meaningful ways – ways that engage their persistence in the learning process.

The teaching methodology used throughout the workshop will engage the knowledge, wisdom, and expertise of the teachers. It will focus your experience and expertise on a set of research-based tools for engaging underserved students in climate science education.

Goals for the Workshop

- **Developing Community:** We will work together to develop a supportive community of educators who share their insights.
- **Learning:** We will develop knowledge in the climate sciences, and develop a foundation in equity in STEM education that includes issues of access, pedagogy and curriculum, the nature of STEM, and the role of student, teacher, and community identity.
- **Effecting Change:** We will work to adapt and refine teaching strategies and resources that promote achievement of all students in climate science education.

Who Should Register For Workshop:

K-12 STEM Teachers [and teams of teachers] from Native serving schools who want to engage the cultural, racial, and social-economic diversity of their students in STEM education.

Register for the Workshop Online

https://docs.google.com/forms/d/116ve0AH14xvn5IYHRb_iZcD6qdxBLzTlFTsDjh26jQM/viewform

Workshop Includes:

- Light breakfast and lunch
- All workshop materials
- 12 Professional Development [PD] Clock Hours
- A \$125.00 stipend

For more information contact:

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