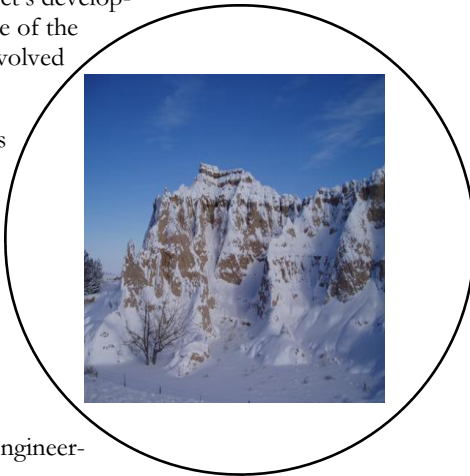


How To Get Involved

During an EWB-MSU project, students will be involved in every aspect of a project's development and implementation. Some of the activities that students will be involved with include:

- Connecting with communities around the world to identify and develop projects
- Writing grants and developing funding sources
- Site assessment and data acquisition for project development
- Development and design of engineering solutions to identified needs
- Community organization
- Hands-on implementation of solutions



A photo of the Badlands from the group's January development trip (of course, it snowed)

Contact us through our web page or attend one of our meetings in 1234 EB.

Engineers and students from all disciplines are welcome



The EWB-MSU Pine Ridge development group outside of their deluxe accommodations in Pine Ridge, S. Dakota.



Michigan State University Chapter of
Engineers Without Borders
(EWB-MSU)

Contact Information

Email : ewb@msu.edu

or visit our web site: www.egr.msu.edu/~ewb/

Engineers Without Borders

Michigan State University

Clean Water

Adequate Sanitation

Renewable Energy

Shelter & Housing

Sustainable Solutions



**Building a Better World One
Community at a Time**

Our Mission

The mission of Engineers Without Borders™-USA (EWB-USA) is to partner with disadvantaged communities to improve their quality of life through implementation of environmentally and economically sustainable engineering projects, while developing internationally responsible engineering students.



*EWB-USA project—
Lemraiveq, Mauritania :
water well development*

We believe in the people in host communities who define the development projects and contribute to insuring ownership, appropriateness, and long-term effectiveness – people

who are entitled to a level of technology that supplies their basic human needs - people who can solve their own problems, if they are aware of the technical options, build new skills and are supported with reasonable financial solutions.

We believe in environmentally sustainable projects that are symbiotic with the environment, society, and culture.

We believe in change that can contribute positively to the communities in which we work; change through common action in intransigent systems; change that will provide new solutions over time; and change that can interrupt the cycle of poverty.

The MSU Chapter

The Michigan State University Chapter of Engineers Without Borders (EWB-MSU) was started in the Spring of 2004 by a group of concerned faculty, undergraduate and graduate students.

EWB-MSU's Current Projects

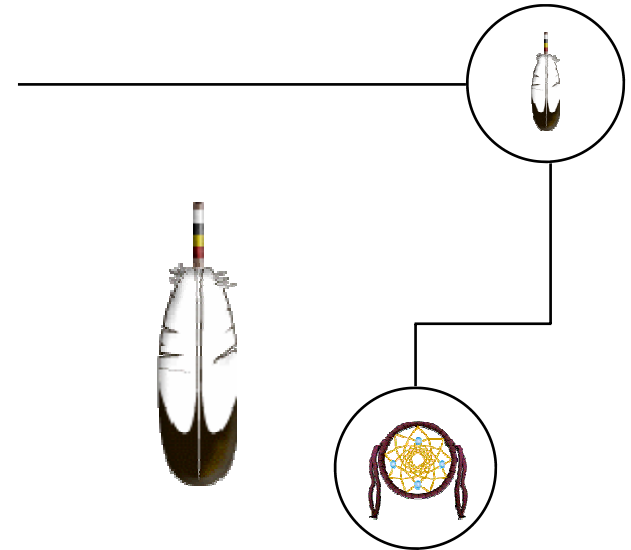
We are currently developing connections with members of the Oglala Sioux tribe on the Pine Ridge Reservation in South Dakota. Our first trip to Pine Ridge occurred over Winter break in 2005.



The Pine Ridge reservation, located in the southwest corner of South Dakota, is home to approximately 18,000 members of the Oglala Sioux. From our meetings with several leaders of the Pine Ridge Community, two potential projects were identified:

- **Assessment and rehabilitation of a wastewater lagoon at Wakpamni**
- **Development of housing using alternative methods of construction**

Our group is planning on conducting assessments for the wastewater lagoon rehabilitation project early this summer.



Typical housing unit found on the reservation. Built as part of a HUD program in the 1970's, these pre-fabricated units are now faced with major problems such

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