Mission Statement

To promote the education and cultural growth of the community in natural resources and the environment. The Environmental Institute supports and coordinates education, research, and outreach that serves our greater community.
EI Programming

- Ojibwe Research & Demonstration Garden
- Thirteen Moons Program
- Building Capacity in STEM
- St. Louis River – River Watch
- NASA STEM camps
- MN Sea Grant Flood Community Research
- EPA Dragonfly Research
St. Louis River Watch

Participants
• 16 schools
• 400 students yearly
• 100 students & community members at River Watch Congress

Events:
• Annual Spring & Fall Sampling of 17 river sites
• River Watch Congress

Partners
• MN Seagrant
• Lake Superior NERR
• Great Lakes Worm Watch
• MN Pollution Control Agency
Bimaaji’idiwin Ojibwe Garden Program

Workshops:
• Pollinator Conservation
• Food Preservation – Canning
• Freezer Jam
• Extending the Growing Season

Projects:
• Garden to Table Feast
• Tribal Youth Mentorship Program
• Seed saving
• FDL Farmer Market
• Weblog
• Demonstration Garden
• FDL farm development
• 4 pollinator gardens on the Reservation
Thirteen Moons

Workshops
- Drum and Dance held biweekly
- Seasonal Decorations Using Natural Resources
- Snowsnakes
- Netting and Spearing
- Sugar Bush Camp
- Manoomin (wild rice) Camp
- 13 Moons Pow Wow
- Master Naturalist
- Nibi Forum

Outreach
- Nearly 2000 community members served by 13 Moons programming
- Monthly pages in FDL Newspaper
- Fond du Lac Radio
Collaborations and Partnerships

GLIFWC FDLRM NRCS USDA NERR OJS UMN CFC
Thirteen Moons
Relationship with Fond du Lac Resources Management

Fond du Lac Resource Management Divisions

• Conservation
• Environmental
• Fisheries
• Forestry
• Natural Resources
• Waste Management
• Water
• Wildlife
New Beginnings

Gidakiimanaaniwigamig: NASA STEM Camp
- Anticipated outcomes
  - Increased awareness of climate change and its impact on traditional resources
  - Support Native American students to enter STEM fields
  - Model best practices for non-Native teachers and researchers to reach Native American students/audiences
New Beginnings

EPA EcoAmbassador Dragonfly Research
• Odonates as “sentinel species” for Hg
• Baseline data on Hg in watershed
• Student – led research

MN Sea Grant Community Resiliency in Extreme Climatic Conditions
• Comparing two communities affected by 2012 Flood
• Identify factors that help and hinder community response to flood events
The Future- Catalyst for Change

Environmental Programming through an Ojibwe Cultural Lens

**Sustainable Food**
- Expand Farm to School OJS Program
- Work with youth to help grow next generation of organic farmers
- Support local Farmer Markets
- Support local producers and encourage local food consumption
- Seed Repository
- Teaching farm

**Community Outreach**
- Newspaper
- Radio
- Workshops
- Events

**Sustainable Natural Resources**
- SLR River Watch
- 13 Moons Programming
- Partnering FDLTCC, FDL, & agencies
- Ojibwe Master Naturalist
- Protection of Native Pollinators

**STEM Student Pipeline**
- Tribal Youth Mentorship
- STEM after school programming Ojibwe School and Brookston Community Center
- STEM camps
- Research with student field work emphasis

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*Sustainable Food*

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*Community Outreach*
Newspaper
Radio
Workshops
Events

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*Fond du Lac College*
Tribal & Community
Miigwech

USDA NIFA
FDLTCC
FDL Band of Lake Superior Chippewa