



CATF Meeting Minutes
Thursday, January 23, 2020
1:00 p.m. Cohodas Rm. 604

In attendance: Bob Kulisheck, Brad Neumann, Emily Leach, Gail Anthony, Greg Seppanen, Jerry Messana, Jes Thompson, Karen Alholm, Martha Gerig, Matt Zika, Tyler Penrod, Zosia Eppensteiner,

1. Welcome and Introductions

- Zosia Eppensteiner from CFMC welcomed as a guest of Gail Anthony.
- Matt Zika from the National Weather Service welcomed as a guest speaker.

2. Approval of 2020 Work Plan and 2019 Year End Report

- Greg proposes accepting the work plan with the GLOW partnership being moved to deliverables.
- 2020 Work Plan and 2019 Year End Report approved unanimously.

3. CFMC Update (Gail)

- GLOW: Lake Superior Rain Garden Challenge
 - Brad is hopeful that the “challenge” aspect will build interest in rain garden applicants.
 - This is the first year of the program with the partnership extending through 2022.
 - An extension of the program could include training to help community members become master rain-gardeners.
 - Applications due April 15, 2020. Recipients will be selected by May 15, 2020.
 - GLOW will provide material, labor, and technical design funding assistance for three residential rain gardens (up to \$2,000 each) and two commercial or institutional rain gardens (up to \$3,000 each). GLCC will assist with installs.
 - Eligibility criteria include:
 - Must be within Marquette’s city limits.
 - Must reduce storm water runoff from the site and improve water quality.
 - Must be highly visible from the public right-of-way.
- Clean Energy Initiative
 - Participants from the first dinner will be invited back to discuss innovation and the ideas that sprouted from the first event in 2019.
 - Endowment is in the works to annually fund Marquette clean energy initiatives.
- CEMP
 - Agreement extended until the end of the mine. The partnership includes Eagle Mine, SWP, KBIC, and CFMC.
- Gail Anthony announced her retirement as CFMC CEO as of June 30, 2020. Gail is hopeful that CFMC will continue to prioritize environmental and sustainability initiatives in their mission under new leadership.

4. SWP Update (Tyler)

- GLCC Program Director Position
 - Tyler has been extended an offer for full time employment with SWP as their GLCC Program Director after his graduation in May 2020.

- Carl Lindquist asked Tyler to remain on CATF as SWP's representative.
- Tyler will update the CATF website which will continue to be hosted by SWP to include community outreach.
- GLCC Summer Field Season Hiring
 - GLCC will consist of 6-7 crews in 2020.
 - The Climate Conservation Corps will focus their work on climate resiliency projects.
- SWP's 20th Anniversary
 - The Anniversary event and was highly attended. Dr. David Suzuki presented on protecting the Great Lakes and attendees were welcomed by Bill McKibben by video. Bill expressed excitement about SWP's low-income solar program.
 - Event was covered by local media outlets.
 - Bob Kulisheck said his favorite part of the evening was during Carl's speech highlighting SWP's 20 years of accomplishments.
- Green Infrastructure and Erosion Updates
 - City of Marquette made temporary improvements to prevent trail collapse and road damage until more permanent improvements can be funded and made.
 - The new Hawley Street coastal wetland footprint has been dug. Native plantings and the infrastructural rerouting of water into the wetland are scheduled for spring 2020.
 - SWP contracted with Baird Coastal Engineering for the 2 year Lakeshore Boulevard project. The project is expected to break ground in spring 2020.
 - The \$2.5 million National Fish and Wildlife Foundation grant was used as match for the GLOW partnership.

5. MICHAP Update (Brad)

- MICHAP is in its 3rd year of the project. MICHAP awarded the Marquette (water) and Negaunee (vectors i.e. ticks, mosquitoes, etc.) communities the opportunity to address self-identified community projects. Visioning workshops were held in each community to have the participants reimagine their project area.
- DHHS has offered feedback and assistance with implementation of the projects.
- MSU Extension Director has offered seed money to address climate change. Brad and Martha have looked into applying for up to \$10,000 to contribute toward the Mqt project.
- The second Negaunee workshop is scheduled for April 8 at Lakeview Elementary.
- The second Marquette workshop is scheduled for April 9 at Township Hall
- Negaunee plans to increase vector awareness. Specifically, they plan to increase awareness of tick disease through outreach to increase public awareness and the tracking process.
- Marquette is planning to start a water coalition. It's being tied into Marquette County Master Plan as a focus group. Emily is organizing the stakeholders and drafting a focus of the coalition. The group will help determine what baseline data they'd like collected and how to disseminate the findings to local officials and the public. North Jackson, MTU, NMU, EGLE, SWP are likely partners. Implementation will be guided by the workgroup and their mission.

6. NCN/NMU Update (Jes)

- Climate@Noon
 - "The Paradox of Solar Development in India" by NMU EEGS professor Dr. Ryan Stock is January 24 at noon in Jamrich 1320.

- CATF's own Martha Gerig will present "A river runs through it. The connection between agriculture and greenhouse gas emissions"
- EcoReps
 - Sustainability week is March 16-20.
 - Big Green Challenge: \$5,000 prize to implement winning idea. Innovators will be awarded \$500. Applications are due March 1 with winner(s) selected March 20 at the NMU Sustainability Summit.
 - EcoReps is partnering with Brad Austin of Marquette Solid Waste Authority to promote the state recycling initiative (recycling raccoons) at the January 31 zero waste hockey event.
 - Ice Fest in Munising will be a zero waste event.
- NSF Coastlines and People Workshop #2
 - February 21, 2020
 - Two expert presentations by Dr. Lucinda Johnson, Natural Resources Research Institute from the University of Minnesota, and Wendy Rampson, Director of Programs and Outreach for the Michigan Association of Planning.
- What We Leave Behind
 - Won a regional award and took the performance on the road to Madison, WI. Jes received feedback that they inspired other theatre groups to begin writing their own environmentally focused productions.
- Jes' Corporate Social Responsibility class is looking for businesses who have sustainability practices who could become "B Corporations," meaning that they do more for the community than just make profit. There are only 16 B Corporations in Michigan and none in the UP.

7. County Update (Emily)

- Master Plan
 - Our Common Future and the Marquette County Master Plan are finalizing a partnership agreement. CFMC plans to designate Our Common Future funds to partially finance Marquette County Master Plan region rallies. Region specific stakeholders will be invited to help develop strategies for the Mqt County Master Plan.
 - The county's survey received over 3,000 respondents. The county has met with all local units of government in 2019 and has performed stakeholder interviews.
 - The next step are region rallies in each of the 4 Marquette County regions. Rallies will be a dinner format to build connections between diverse groups.
 - CATF members will be added to the region rally email list.
 - Adoption of the Master Plan is projected for summer 2021.

8. Guest Presentation by Matt Zika, National Weather Service, Marquette

- Overview
 - US is the most weather active location in the world (fire, drought, winter storm, flooding) extreme weather events are trending more regular/severe since 1980.
 - Responsibilities: Special reports for boaters, air traffic, freighters, first responders, emergency management, etc. The National Weather service is a federal program and is not associated with the Weather Channel or TV 6. Outreach and community engagement large part of their job.
- Local Impact of Climate
 - Marquette received almost 50 in of precip in 2019 while the average is 35 in.
 - Summer temps are lasting longer into September and October.
 - Winter temps are lasting longer into April and May

- Growing season is extending, but extremes are becoming more frequent
 - “Wetter wets and dryer dries.”
- Lake Superior levels in 2020 are predicted to be similar to 2019. Lake Michigan may be even higher in 2020.
- Documentation of the damages is important to prepare for disasters and fund their recovery. For example: SWP Erosion tracker on their website.

9. Approved 2020 Meeting Schedule:

- Thursday, May 14 at 1 p.m.
- Thursday, August 20 at 1 p.m.
- Thursday, November 19 at 1 p.m.

10. Good of the order

- CATF would like to show gratitude for the organizations and institutions who made this committee possible and continue to support it including:
 - CFMC
 - Marquette County Health Dept.
 - Marquette County
 - MSU Extension
 - NMU
 - SWP
- Personal and Organizational Goal Setting for 2020
 - Tyler asked CATF members to consider what they can do in 2020 in their personal lives and within their professional sphere of influence to make the community more climate resilient. The topic will be discussed at the May 14, 2020 CATF meeting.
- Adjournment 2:57 p.m.

Next Meeting: May 14, 2020 at 1:00 p.m.