

Coastal Erosion Hazard Mapping Task Force Meeting Notes

Zoom- August 26th, 2020 – 10:00 a.m.

Meeting Attendees: Clint Little-MN DNR Coastal Program, Melanie Perello-MN DNR Coastal Program, Derrick Passe-Lake Co. SWCD, Margaret Walkins-Grand Portage, John Swenson-UJD, Ross Hoffman-Lake County, Tim Nelson-Cook County, Justin Otsea-ARDC, Charlie Moore-ARDC

1. Welcome/Introductions

- a. All were welcomed and introduced themselves.
- b. Justin Provided a brief update on the status of the work is.

2. **Methodology Discussion-** Charlie and Melanie outlined an update on a mapping methods document developed to describe the methodology to be utilized when analyzing erosion rates. Discussion followed regarding some issues each analyst had ran into during the analysis that requested feedback from the group. Discussion followed with summarized topics included:

- a. **Mapping method guidance items** including time scales for developing erosion rates, the need for clarity when discussing short and long term change, consideration to what we're defining as hazardous areas (other names), Ross offered to help orthorectify historical imagery in the future if the need was identified (discuss at next meeting),
- b. **Update on Pilot Site Analysis Progress-** Charlie gave a brief update on the DSAS analysis of Silver Creek, Brule River and Castle Danger sites. Findings were limited due to some of the questions which have popped up and will be addressed by the technical group. Clint has not made much progress in Grand Portage but informed the group that he'd be doing the entire Grand Portage shoreline instead of just the bay previously identified.
- c. **Update regarding Field Visit Survey Form-** Ross informed the group that he has updated the visit form and made some changes. He shared his screen and showcased the new form and sought feedback on the form. Brief discussion followed including the usefulness of some added tools. Ross said he'd make some tweaks and send it out to the group for review and comment after the meeting.
- d. **Field Measurement Training Update-**Melanie thanked everyone for participating in the two training sessions in Lake and Cook County. Attendees voiced thanks and appreciation for developing the new method. Derrick mentioned another technique that could be utilized to measure slope on steep topography, which could be helpful for some properties. Melanie was interested and said she would follow up with Derrick outside of the meeting to learn more about the technique.

3. **'CHAOS' -Community of Practice Update** -Melanie gave a brief update that the next meeting of the CHAOS group is set for September 16th 1-3 p.m. and will have multiple presenters providing information on the FEMA BRIC program outlining what it is, how to use it, and how other states have been utilizing the funds for erosion related projects.

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4. Data Update

- a. **None**

5. Other Partner Updates

- a. Ilena-Happy to share Lake and Cook SWCD's have received a coastal grant for summer of 2021 to launch an educational campaign to work with landowners and have a coastal engineer available to discuss erosion and related issues with government leaders, landowners and realtors and focus on an educational campaign.
- b. Clint- Dredging operations on north end of Minnesota point has started.

6. Future Meeting Location

- a. Next meeting was set for Wednesday, September 23rd 10:00 a.m.- Virtual Format

7. Next Steps

- a. Methodology finalization
- b. Field Visit Form Online Survey Finalization
- c. Continue Analysis at sites