

Coastal Erosion Hazard Mapping Task Force Meeting Notes

Zoom- June 24th, 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-UMD, Brandon Krumweide-NOAA, Tara Solem-Lake Co SWCD, Ross Hoffman-Lake County, Maren Webb-MnDOT, Jenn Moses-City of Duluth, 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.
- c. **Methodology Discussion-** Charlie and Melanie updated the group about the technical meeting held on June 10th. Discussion focused on additional sites to review and criteria needed when selecting, as well as measurement discrepancy discussions. A brief review of the field visit form also occurred. John felt that our selected sites provided a good variety of geologic representations. Brandon recommended developing a one-page flyer to provide homeowners that briefly describes the project in hopes to make homeowners more willing to participate. It was determined that we may have enough sites for analysis, but additional sites identified as potential sites will be helpful in the long term, so team members were asked to keep sites in mind. Public access sites could negate the owner permissions for in person measuring.
- d. **Review and Provide Feedback on Field Measurement Assessment Guidance**

A response to how we don't have a standardized way of collecting data-

Good for this project but also can be long term data collection

History / assessment of the site-

If the owner knows if its compliant with setback standards

What should we be looking at on the site.

Ross- worked on the survey 123 is about 90% done.

Link: <https://arcg.is/0bX9nL>

Once you take this off line it is done. You cannot move it back online, so that is an issue.

Ross screen shared the draft form of what it looks like w the group

It may be a bit long? Can we get more canned answers in here.

Could we have the format for the county parcel numbers to improve it

Some redundant questions?

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Do we want an other for multiple choice questions.

Added owner provided photos and choose to upload if desired

As well as provide property signature for release

Will there always be a bluff? Should we ask if there is one?

Width is difficult? And GPS points for references? Theres no way to continuously add GPS points in web version. How are we collecting the GPS points

If GPS is available there are 6 sets

Coordinates in an open box will be a pain for use in GIS system

External or internal receiver? If internal it will have to be done offline.

Can picture metadata be used instead?

Shoreline profile measurements? Can we do a table like this web version no, excel version maybe?]

Excel makes transfer to ARDC difficult

Can we add in more conditional questions-

There is a way to design it to grab say the parcel number automatically if we had a complete set for the entire area.

Once submitted you can go back into the form

Have a separate page of questions for office questions compared to field question.

Derek likes the tool overall- question- bedrock//beach geology can you include multiple?

John thoughts- simple is better

Is there a bluff

If there is is it 'rock or not' maybe we don't need the specific geology just is it rock or not.

GPS seems to be the best option (extra unit)

2 big questions- continue wi online version more future proof but not detailed / offline where its set but you can do anything and can't be transferred

Also, how are we dealing with location data and what do we do with it.

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Clint- is this the right tool? Maybe collector is better?

Additional definition on what this tool is used for.

e. Review and Provide Feedback on Draft Field Visit form

Review of the measurements guide- send out for feedback again.

f. Review of DSAS findings for initial target sites.

Charlie is still digitizing

Melanie has only ran a couple times, and ran into an error.

2. **'CHAOS' -Community of Practice Update** -Melanie gave a brief update that the next meeting of the CHAOS group will be held on July 23rd from 2-3:30 p.m. The scheduled presenter included: Adam Bechle, Coastal Engineer Outreach Specialist, Wisconsin sea grant will be presenting with options for protecting shorelines from erosion and promote stabilization.
3. Talk about what sort of trainings they'd like in breakout sessions. Get input as well as network.
 - a. Highlights what CEHM is doing - Presenter
4. **Data Update**
 - a. None
5. **Other Partner Updates**
 - a. None
6. **Future Meeting Location**
 - a. Next meeting was set for Wednesday, July 22nd 10:00 a.m.- Virtual Format
7. **Next Steps**
 - a. Technical meeting.
 - b. Methodology finalization.
 - c. Determine additional test sites
 - d. Begin analysis at test sites.
 - e. Develop field measurement and documentation guide draft.