

Coastal Erosion Hazard Mapping Task Force Meeting Notes

Zoom- July 22nd, 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, Tim Nelson-Cook County, Neva Maxwell-Lake 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 from the technical meeting on July 9th. Guidance regarding how to address certain land features as well as the determination that we had selected enough target sites to address the various geology of the shore were the highlights. Discussion followed regarding the methodology and an update on the pilot site analysis, a summary of the discussion includes: Brandon had a question about if we should use a separate tool that the MN DNR had developed which looks at bluff line extractions. Michigan is currently using it to measure coastal areas in their state and he had only recently found out about it. The response was due to limited LIDAR data for the project group, the group focused on the DSAS tool since additional historical imagery was available for the entire shoreline. Consideration for the new tool would be given to future analyses if/when the project area had additional LIDAR data become available. Melanie described the Uncertainty Error Calculation Spreadsheet she had developed to help members completing the analysis to have a standardized way of calculating uncertainty. Limited feedback was provided but the group applauded Melanie's efforts in developing the tool. Clint and Melanie did two other site visits at Park Point and Hovland to test the measurement guide. They had the realization that it's a fairly easy assessment, but is not appropriate for all sites, especially high bluffs. An update of the Field Visit Form was expected to be available at the next meeting.

3. Homeowner Fact Sheet -A homeowner fact sheet had been developed for assistance in describing the project when team members interacted with homeowners in the field. Limited feedback was provided, and the team liked the content of the guide. The only additional guidance was to add in pictures, but that was already acknowledged by Melanie, who developed the tol.

4. '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. Breakout sessions with other people of similar interest and what further training/case studies do we need moving ahead was the other item on the agenda.

5. Data Update

- a. None

6. Other Partner Updates

- a. None

Coastal Erosion Hazard Mapping Task Force Meeting Notes

Zoom- July 22nd, 2020 – 10:00 a.m.

7. Future Meeting Location

- a. Next meeting was set for Wednesday, August 26th 10:00 a.m.- Virtual Format

8. Next Steps

- a. Methodology finalization
- b. Field Visit Form Online Survey Finalization
- c. Run Analysis at sites
- d. In Person Measurement Training
- e. Methodology formalized write up.