

Climate Change and Sentinel Monitoring (CCSM) Work Group Agenda

Date: Thursday April 28, 2106

10:30am – 12:30pm

Attendees:

Juliana Barrett, UConn; Cassie Bauer NY DEC; Robert Burg, EPA LISS; Peter Francis CT DEEP; Monica Kacprzyk, NEIWPPC; Jim O'Donnell, UConn; Mark Parker, CT DEEP; Dylan Redman, NOAA

- 1) **Review and finalize CCSM technical workgroup summary**
 - The workgroup reviewed the summary and had no further edits. The workgroup summary describes the purpose of this workgroup and highlights specific goals and tasks the workgroup will focus on in 2016.
- 2) **NEIWPPC Climate Change Workgroup webinar (*Monica Kacprzyk*)**
 - Monica gave a presentation on the work that the NEIWPPC Climate Change Workgroup has been doing and activities that NEIWPPC has done in relation to Climate Change. The workgroup was created in 2008 and consists of representatives from all the New England States and New York. The focus of the workgroup is to: understand how the issue of climate change relates to water resources in the Northeast, facilitate discussions, and help support information sharing and outreach. Some recent activities of the workgroup include: publishing articles in the Interstate Water Report, holding workshops, developing guidance documents, and updating the online clearinghouse. In the future, the workgroup hopes to focus on developing priority topics and have more frequent and focused meetings. Some non-workgroup NEIWPPC climate change activities include hosting storm resiliency training and workshops and working on a Regional Climate Adaptation Strategy.
- 3) **Boston University Pilot: *Sentinels of Change- Are Salt Marshes in LIS Keeping Pace with Sea Level Rise?***
 - This pilot project has been completed. See email for attached pdf of the final report.
- 4) **Coastal Ocean Analytics: *Detecting Climate Change Impacts in LIS (Jim O'Donnell)***
 - Jim O'Donnell gave an overview of the findings of this pilot project. There were several major sections in the report including: temperature changes in LIS water, temperature variation in air, cloudiness, changes in precipitation, wind stress and sea level fluctuations.
 - For more information about this project, visit: <http://coastaloe.com/LISSDataSynthesis/>
 - The raw and aggregated data is available via ftp at: <ftp://ftp.coastaloe.com>
 - The username is TRIAL and the password is COA_2016.
 - There was a question regarding precipitation and looking at one inch, which triggers beach closures. Jim and Jen did not look at that in this report, but Jim thinks it is important.
 - There was a question about other indicators, besides frost, that we should be looking at from this report. Jim mentioned the correlation between the wind and the AMO but thought we should wait until NEIWPPC releases the report to discuss.
 - The final report should be released by NEIWPPC shortly.
- 5) **Review new LISS [Climate Change Website](#) (*Robert Burg*)**

- Robert gave an overview of the Climate Change in LIS website, which is separate from the LISS website. It was a joint effort of the old Sentinel Monitoring workgroup and the LISS Communications Team. This website is primarily a portal, a place to go to get links to other websites or pdf documents. It is divided into four major themes: What you should Know, Town and City Resources, Science and Monitoring, and Educators' Toolbox. On the home page there are news feeds for climate change. The website was initiated in February 2016. Since March 1st, the website has gotten around 700 visits. This workgroup might want to consider how to increase traffic on this website. The joint workgroup should continue to meet twice a year by phone to go over the website and discuss what we can do to add and improve it.

6) **Review [Sentinel Monitoring Strategy - 2011](#) (Mark Parker)**

- Mark gave an overview of the Sentinel Monitoring Strategy which was developed in 2011. It identified key goals that we had and a number of them have been completed. It also identified key core parameters. A goal for this workgroup is to revise this Sentinel Monitoring Strategy.
- The Sentinel Monitoring Data Citation Clearinghouse was created and posted on a UCONN webpage for now, but still needs a permanent home.
- It was suggested to reconvene the NY and CT workgroups in the next 6-9 months to go through the Sentinels and discuss what new ones should be added.
- Challenge: A lot of sentinels have been identified; how are we going to fund ongoing monitoring of these sentinels?

7) **Review workgroup briefing format for Management Committee (co-chairs)**

- In the future, the LISS workgroups may be asked to update the Management Committee on the work that they have been doing using the workgroup briefing template created by Joe Salata.

8) **Next steps - set dates for quarterly CCSM work group meetings (co-chairs/workgroup)**

- The co-chairs will pick dates for the upcoming meetings. The group preferred having meetings earlier in the morning.
- Agenda item for the next call: look at the NY and CT workgroup list and see who we want to involve and what we want to ask of them.