

National Aeronautics and
Space Administration



EXPLORE SCIENCE

**National Association for Interpretation
Pre-conference Earth to Sky Workshop: Climate Science and Communication**

Geneviève de Messières, Anita Davis
Lead and Co-Lead, Earth to Sky Partnership
November 5 – 6, 2020

Earth to Sky

Climate Science & Communication Workshop

November 5 – 6, 2020 | Virtual

- Earth to Sky collaborated with the Guana Tolomato Matanzas (GTM) National Estuarine Research Reserve to hold a 2-day workshop at the the National Association of Interpretation's annual conference.
- The 19 interpreters and informal educators hailed from Alaska to Puerto Rico with jobs ranging from volunteer to National Park Superintendent.
- NASA Sea Level Change Science Team lead Ben Hamlington (JPL) delivered the keynote, connecting NASA's research with local impacts to coastal Florida.
- ETS staff provided many NASA resources for climate communication; ETS Alumni from the National Park Service and other organizations presented examples of effective climate interpretation and coached participants throughout the workshop.
- GTM provided a lens of local climate impacts to the Reserve's salt marsh and showcased their virtual field trip and informal education efforts.
- Each participant developed and presented a draft plan of an interpretive product incorporating NASA content.
- Formal evaluation demonstrated high levels of improved understanding about NASA climate change resources, sea level rise and effective communication techniques. Some participant comments:

"This was a great introduction to some useful resources from trusted sources like NASA."

"I gained a huge amount of knowledge on the topics presented, and a deeper understanding of the importance in passing it on to the public."

"I will definitely be sharing the information with others via a website I am developing."

- A follow-up webinar will be held in early 2021.

How do we know WHY sea level is rising?

- We also use measurements taken directly in the ocean.

Learning About Sea Level Rise from NASA

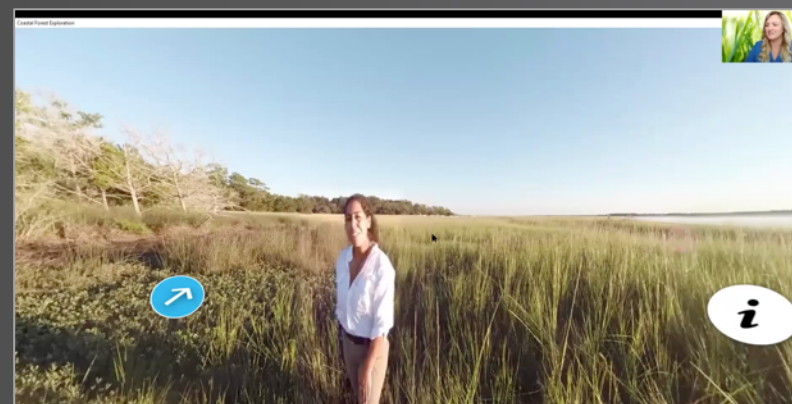
National Park Service
Golden Gate National Recreation Area

Interpreting Sea Level Rise & Oceans with Outdoor Exhibits

Examples of Climate Interpretation from NPS



Participants, Coaches, Facilitators, and Presenters enthusiastically engaged in the online workshop



Virtual Reality Tour of GTM Salt Marsh



Examples of Informal Education from GTM