



Coastal Inundation Community of Practice

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The Coastal Inundation Community of Practice is a national network of practitioners that facilitates peer-to-peer learning, information exchange, and collaborative engagement to advance coastal flooding science, knowledge, and solutions.

Coastal communities across the United States are implementing innovative strategies in response to coastal inundation - water on normally dry ground as a result of flooding. As the frequency and severity of flooding increases, collaboration across the various sectors, regions, and areas of expertise is needed to ensure the best available practices are available to all coastal communities.

In response, the National Oceanic and Atmospheric Administration's (NOAA) Office for Coastal Management, the National Sea Grant Office, and the American Society of Adaptation Professionals (ASAP) have come together to support a national community of practice focused on building resilience to coastal flooding. This effort is guided by a small implementation team of coastal flooding practitioners with diverse expertise and regional connections.

Who is part of the Coastal Inundation Community of Practice?

The community of practice brings together practitioners addressing coastal flooding in the U.S. states and territories. As of April 2025, the community of practice has engaged over 700 practitioners through virtual engagements, in-person events, or listserv membership.

Participants include practitioners involved in making decisions about coastal community flood impacts (i.e., state and local planners, floodplain managers, emergency managers, resilience and climate coordinators, and resource managers) and the boundary spanners who engage with these audiences to enhance flood resilience.



2024 Coastal Inundation Community of Practice workshop in Seattle, WA.

Listserv members are representative of all coastal regions of the U.S. and a variety of sectors. The most represented sectors include state government, academic and research institutions, private industry, federal government, non-profits, and Sea Grant/Extension.

What does the Coastal Inundation Community of Practice do?

The community of practice brings members together and facilitates the exchange of information through a variety of activities, including webinars, newsletters, shared resources, conference sessions, and in-person workshops. The community of practice also provides opportunities for practitioners to learn about and help inform NOAA's coastal inundation tools. Although the community of practice is national in scope, the intent is to connect and support regional efforts as much as possible.

Topics of interest are solicited from members and used to guide the development and focus of events. Top areas of interest among members include:

- community engagement and outreach
- coastal development and policy
- nature-based solutions
- sea level rise and long-term planning
- community-led migration
- compound flooding
- vulnerability and risk assessment
- inundation mapping and modeling

Please visit the [Coastal Inundation Community of Practice](#) website for more information about past and upcoming events.

What are the benefits of participating?

Participants gain the contacts and information to improve their day-to-day decision-making about coastal flooding. Additional benefits include:

- Understanding and contributing to a wider scope of inundation-related needs;
- Informing inundation-related product and service development within NOAA and other organizations;
- Learning innovative flood-reduction approaches that address inundation challenges from peers;
- Building collaborations across sectors, disciplines, and areas of expertise for more impactful resilience strategies;
- Sharing the latest advancements in science and modeling;
- Staying informed and engaged in emerging inundation issues and solutions across the affected regions in the U.S.

Will You Join Us?

Listserv: Express your interest and stay updated and involved in the latest developments through the [Coastal Inundation Community of Practice](#) **Email Listserv.**

Webpage: [Learn more](#) about the Coastal Inundation Community of Practice's upcoming events at bit.ly/ci-cop



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