



US Coastal Research Program
Christina Alagna, christina.alagna@uscoastalresearch.org

US Coastal Research Program Presents DUNEX 2021

FOR IMMEDIATE RELEASE

Outer Banks, NC, 7/2/2021 – US Coastal Research Program presents DUNEX 2021 taking place in the Outer Banks, NC, this Fall

What is DUNEX? *[The DURING Nearshore Event eXperiment](#)*

The US Coastal Research Program brings dozens of coastal scientific experts to the Outer Banks this Fall, and Winter for an experiment designed to improve our understanding of during-storm coastal processes and storm impacts on beaches, dunes, and coastal communities. This field research and data collection experiment will provide coastal communities with information 1) to guide decisions related to safety and economics, and 2) to develop strategies for coastal resilience.

DUNEX is a collaborative experiment, including participants from federal agencies and universities to study coastal processes during extreme storms. The multi-phase experiment, taking place on the Outer Banks of North Carolina, began with a Fall 2019 Pilot Study, followed by the full experiment, taking place from Fall 2021 through the Winter. By leveraging research efforts from different groups, DUNEX will improve basic understanding, predictive capabilities, and observational technologies for extreme coastal storm processes and impacts.

DUNEX Goals: To improve understanding and prediction of storm processes and impacts. DUNEX also aims to improve numerical model accuracy of storm processes and inform strategies for short and long-term coastal resilience while supporting effective communication for coastal communities impacted by storms.

US Coastal Research Program (USCRP) Support: The USCRP helps organize and facilitate the execution of DUNEX through a variety of activities such as providing forums for information sharing, project planning, and collaborative discussions. USCRP maintains a community website which provides details on ongoing experiments and data collection efforts. USCRP also coordinates logistical support and assists in coordinating with local stakeholders to help promote DUNEX to a multi-disciplinary audience. Lastly, USCRP facilitates training classes and student volunteers to further the career development of future U.S. coastal researchers.

**More DUNEX details are available online on the USCRP website: <https://uscoastalresearch.org/dunex>.
Christina Alagna: christina.alagna@uscoastalresearch.org**

###