# U.S. Coastal Research Program

**Logistics Survey for Participation in the DUring Nearshore Event eXperiment (DUNEX)**

Suspense Date (Pilot Experiment): 15 March 2019

Suspense Date (Full Experiment): 31 Dec 2019 or as soon as intent to participate is known

Principle Investigator Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Principle Investigator Organization: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Principle Investigator Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Select Experiment to Participate in (check one or both):**
* Pilot Experiment (Fall 2019) Funding Secured? \_\_\_\_\_ Expected Award Date: \_\_\_\_\_\_\_\_\_\_
* Full Experiment (Fall 2020) Funding Secured? \_\_\_\_\_ Expected Award Date: \_\_\_\_\_\_\_\_\_\_
1. **Statement of Research Objective (500 words or less):**
2. **Experiment Plan (if possible please attach a draft array plan or description—a full Experiment Plan will be required at a later date as determined by the DUNEX Logistics Committee. If you will be participating in both the Pilot and Full experiment, please include details for both.):**
* Tentative deployment, turn-around, and recovery dates?
* Tentative field site location(s) (FRF, Rodanthe, etc)? If at FRF, be sure to specify placement (ocean, pier, Argus tower, dunes, etc) location and water depth (if applicable).
* Tentative data collection/instrument plan? Will after hours/weekend access be required? Will digging on FRF property be necessary? Will autonomous vehicles be used?
* Tentative data distribution plan?
* Required deployment, maintenance, or recovery support (CRAB, LARC, etc, and # days needed)? If your own swimmers, snorkelers, or SCUBA will be used please specify.
* Required space, including number of people, type of space (office, lab, staging), and preferred location (FRF or elsewhere)?
* Tentative number of days/weeks on site?
* Desired support data, including type, frequency, and location (i.e., bathymetry - daily, weekly, or pre-post storm at FRF or elsewhere, aerial imagery, waves, meteorology, etc)?

1. **Logistics and Data Sharing:**

A DUNEX Logistics Committee (comprised of USCRP and FRF personnel, as well as science team leads) will be formed. This committee will be in charge of developing data sharing protocol, coordinating deployment plans, and coordinating with FRF personnel for daily logistics priorities. A draft data-sharing plan includes providing data to other DUNEX participants in the 3 years following the study, and sharing data publicly beginning 4 years post-experiment using data formats and metadata guidelines developed by the logistics committee.

* Would one of your team members be willing to serve on a logistics committee? If so, please provide a name.
* Do you agree to abide by the data-sharing plan developed by this committee?

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(Sign above – more specific details to follow)

1. **USCRP Community Development Opportunities (check any items you or your team might be interested in participating in):**
* Including volunteers to participate on/assist with your field team? How many? What would they do with you? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Attending and participating in evening/lunch time seminars/discussions?
* Documenting the experiment (e.g. social media; photography; short films, etc.)?
* Providing local community outreach presentations?

**Some training opportunities will be included as part of the DUNEX.. These opportunities may include classes at the graduate level on: field experiment design; data processing/QAQC techniques; numerical modeling; etc. Would you or any members of your team (students, technicians, etc.) be interested in:**

* Teaching classes as part of the DUNEX training on\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?
* Taking classes as part of the DUNEX training on\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?

**6.0 Please provide any additional feedback that will help improve USCRP’s organization and coordination of DUNEX:**

**7.0 Please submit your Logistics Survey to** **Alexander.D.Renaud@usace.army.mil**