

The U.S. Coastal Research Program: Addressing Coastal Needs through Research and Engagement

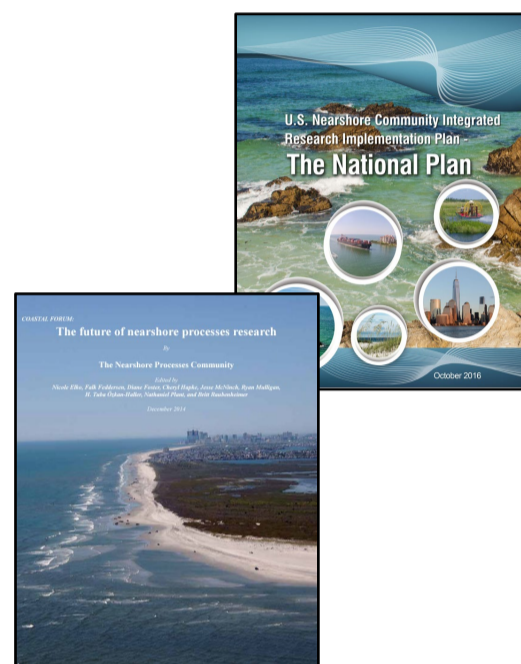
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ABSTRACT:

The U.S. Coastal Research Program (USCRP) is a collaboration of Federal agencies, academics, and stakeholders leading a national effort to **coordinate federal activities, strengthen academic programs, and address the growing needs of coastal communities.** The USCRP aligns resources to support academic studies in fostering the nation's future coastal workforce. By **facilitating existing partnerships and multi-agency collaborations**, and leveraging limited resources, the USCRP increases the value and impact of coastal research and applications. Researchers from federal agencies, academia, industry, and non-governmental organizations work together to identify priorities that support coastal stakeholders in activities such as emergency response, resource management, planning, and engineering. The USCRP is leading a community of practice representing Federal agencies, academics, and stakeholders working together to advance the USCRP objectives of **identifying societally relevant research priorities and fundamental knowledge gaps, enhancing funding opportunities for academics and students, fostering collaborative research opportunities, and translating fundamental science to outcomes that benefit users.** From 2016-2021, the USCRP funded 62 academic research projects across three main research priority focus areas of long-term processes and coastal responses, extreme events, and human and ecosystem health totaling over \$14.6 Million dollars, across 24 states, and supporting over 220 students. By fostering collaborative research opportunities, funding students and academic programs, identifying research priorities, and promoting science translation, the USCRP will continue to facilitate a National coastal program to deliver scientific knowledge and useful products for more resilient coastal communities.

USCRP Decadal Visioning Workshop: The Future of Coastal Processes Research (June 2024)

Objective: Identify key management challenges and high priority science gaps to guide the next decade of coastal research.



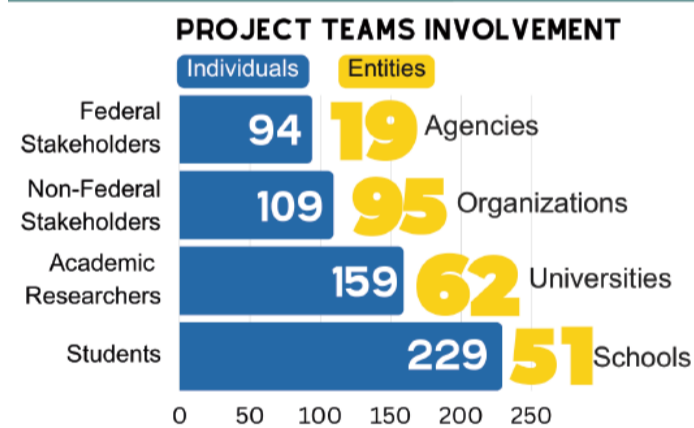
Over the past decade, the USCRP has hosted several workshops to bring together federal agencies, academics, and stakeholders to discuss societal needs and identify related science gaps. The workshops produce authoritative products that define user needs, prioritize research directions, and inform funding opportunities.



Fostering Collaborations



FOSTERING COLLABORATION



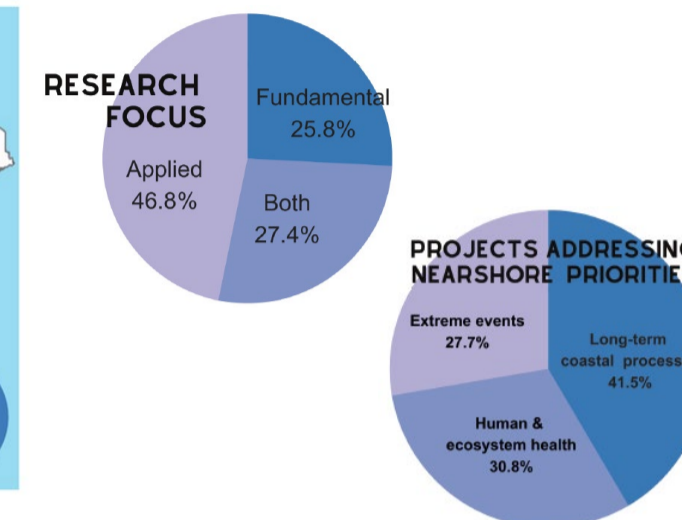
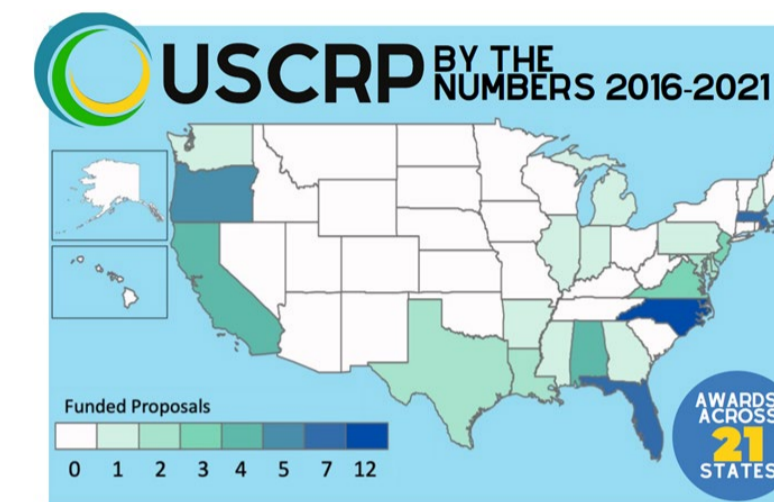
SEDiment transport COLlaborative LABoratory Experiment (SEDCOLAB)

- Understand fundamental processes of sediment transport
- Improve numerical modeling of sediment transport
- Improve instrumentation and advances in experimental techniques

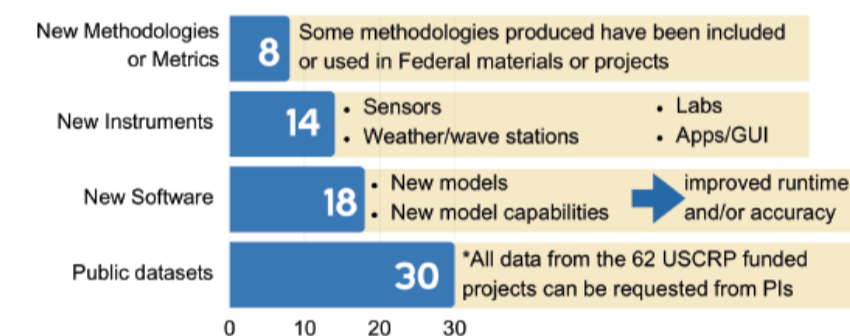
OUR PARTNERS



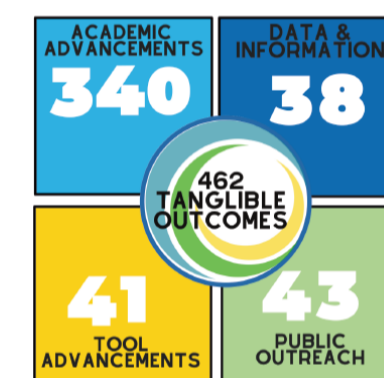
USCRP Impacts and Outcomes



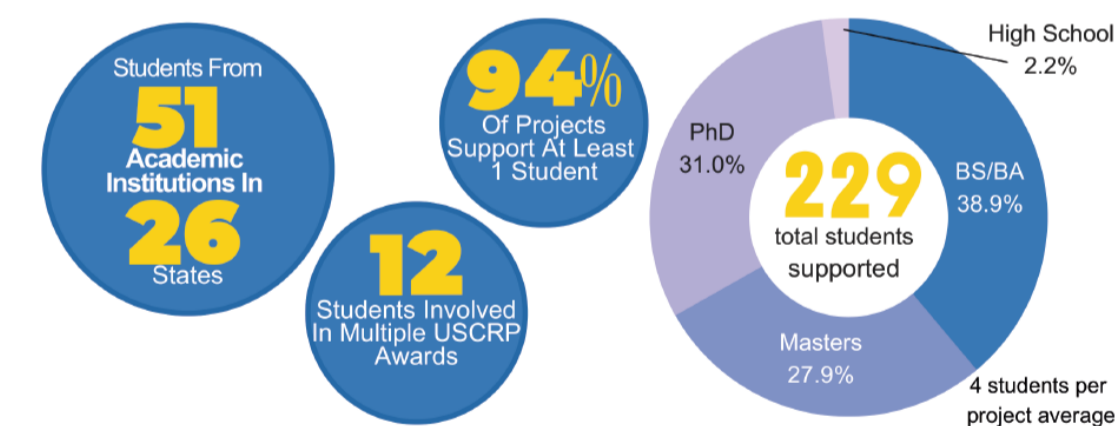
RESEARCH GENERATING USABLE PRODUCTS



PROJECT PRODUCTS



BUILDING OUR COASTAL WORKFORCE



WHERE ARE THEY NOW?

