

# Developing Smart Environmental Resilience Solutions for Coastal Areas in the Philippines: Susceptibility, Adaptation, and Mitigation Measures (SEACAP)

## ABOUT THE PROJECT

This research linkage workshop will determine the knowledge awareness on disaster and its mitigation in identified areas, the drivers for effective resilience solutions for coastal areas, and the barriers to effective coastal resilience. Data validation and analysis of established key themes will be done through face-to-face and virtual discussion among participants. Relevant innovative strategies as well as future research collaborations on disciplines around built environment, engineering, environmental resilience and emergency management for coastal communities will be developed.

## PROJECT UPDATE

Rapid assessment on disaster resilience and community welfare of coastal communities was conducted, from which a framework on governance, technology adaptation and local culture will be delved into through round table discussions during the workshop. Social, economic and cultural impact of existing resiliency solutions or technologies will also be assessed.

Gathered data through questionnaires distributed to local respondents in the fifteen (15) coastal municipalities of the Batangas province will be

## SET THE DATE

**October 24 – 26, 2021**  
(Synchronized time between Philippines and the UK)



*“Resilience is the ability of a system, community or society exposed to hazards to resist, absorb, accommodate, adapt to, transform and recover from the effects of a hazard in a timely and efficient manner.”*  
(United Nations Office for Disaster Risk Reduction, 2017).



included in proposed data validation process during the workshop proper. Additionally, the framework on the development of state of the coasts (SOC) of Batangas province will be included as well.

With the challenge of mandated travel policy and restrictions on meetings and gatherings, a hybrid arrangement (combination of in-person and virtual) will be implemented for the workshop wherein participants will gather in their respective locations in a synchronous manner (Philippines and UK).

The project SEACAP is led by Dr. Tirso Ronquillo of Batangas State University (Philippines) and by Professor Chaminda Pathirage of the University of Wolverhampton (UK). The team of co-investigators consists of Dr. Cristina Amor Rosales, Associate Professor Albertson Amante, Dr. Mohammad Arif and Dr. Muhammad Qasim Rana.

For details and inquiries, please visit the official SEACAP webpage, <https://batstate-u.edu.ph/seacap/> or contact Dr. Cristina Amor Rosales through [seacap@g.batstate-u.edu.ph](mailto:seacap@g.batstate-u.edu.ph)



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