

Carolina Population Center
Summer 2022 Undergraduate Research Program

Project Name

Study of the Tsunami Aftermath and Recovery

Faculty Mentor

Dr. Elizabeth Frankenberg, Sociology

Project Description

The 2004 Indian Ocean tsunami affected 26 countries rimming the Indian Ocean, but Aceh, Indonesia was hardest hit. Since 2005 the Study of the Tsunami Aftermath and Recovery (STAR) has collected household and community survey data from over 30,000 individuals living in affected and unaffected comparison communities. This data provides information on the short and long term impacts of inundation and the recovery process. The data supports economic and demographic research on how families cope with unanticipated disasters.

Scope of Work for Internship

The intern work on basic statistical analyses using the STAR data and will use geospatial and remote sensing skills to help update measures of tsunami impact and recovery at the community level. The intern may work on collecting literature from other tsunamis (Sulawesi, ~2018, Tonga, 2022).

Expected Deliverables

TBD

Preferred Skills

Some training in GIS and remote sensing and/or some experience with statistical programming would be useful.

Time Commitment & Mode

Full time; in-person