

New project launch - A study of the upstream-downstream interface in end-to-end tsunami early warning and mitigation systems

This collaborative research proposal supports cutting edge research that addresses the challenges of economic development and well-being faced by countries in the DAC List of ODA recipients. It also addresses several Sustainable Development Goals (SDGs), including to keep cities safe and resilient (SDG 11), and develop global partnerships for sustainable development (SDG 17). It will pump prime a fast-developing area of study on end-to-end early warning systems for hazards. It will build upon and extend partnerships established through current funded research projects, including ASCENT and CABARET grants, and the Newton funded Urban Agglomeration grant. The results of the study will inform regional policy development on tsunami early warning systems, thereby providing a strong basis for research impact, as well as develop capacity for future proposals to extend the study across the twenty-eight member states of the Intergovernmental Oceanographic Commission (IOC) of UNESCO Indian Ocean Tsunami Warning and Mitigation System (IOTWMS). Twenty-two of these countries are DAC ODA recipients.

This project is led by Prof. Dilanthi Amaratunga and Richard Haigh. Date of commencement is 1st October 2017.

Other collaborators include:

In Indonesia - Dr Harkunti Rahayu, Bandung Institute of Technology; National Disaster Management Agency (BNPB)

Meteorology; Climatology and Geophysical Agency (BMKG)

In Sri Lanka - Prof Siri Hettige, University of Colombo, Sri Lanka; The Federation of Sri Lankan Local Government Authorities (FSLGA); Disaster Management Centre, Sri Lanka; Ministry of Disaster Management, Sri Lanka; Department of Meteorology, Sri Lanka

Regional - Asian Disaster Preparedness Centre (ADPC), Thailand.

International - IOC – UNESCO ICG/IOTWMS

