



Background

The Center for Excellence in Disaster Management and Humanitarian Assistance (CFE-DM)'s Applied Research and Information Sharing (ARIS) Branch functions to build capacity among disaster management and humanitarian assistance decision makers. ARIS develops country-focused disaster management reference books based on open-source research, creates scenario-based case studies, and produces after action reports and other information products. Additionally, ARIS provides best practices and lessons learned for improved coordination in disaster responses, and serves as a research resource within the U.S. Indo-Pacific Command (USINDOPACOM), responding to requests for information on issues and historical events in the region.

ARIS works closely with academic organizations to facilitate research on specific problems and research projects in disaster risk reduction and management, including civil-military coordination. Through a variety of formal partnerships and growing collaborations, CFE-DM leverages research investments in disaster management and humanitarian assistance to build capacity among potential responders, decision makers, and other operational supporters. Specific projects and research collaborations are discussed below.

Academic Year 2020-2021

Columbia University — School of International and Public Affairs:

CFE-DM has an ongoing collaboration with the School of International and Public Affairs (SIPA), which began in 2016. For the most recent academic year, CFE-DM will facilitate their collaboration with the ASEAN Coordinating Centre for Humanitarian Assistance on disaster management (AHA Centre). The research will be based upon key informant interviews and a country case study to identify insights and lessons learned regarding local jurisdictions, international response partners, and the AHA Centre.

University of Texas at Austin – Johnson School of Public Affairs:

This partnership explores a range of research projects focusing on current and potential actions that island countries across Oceania and partner nations can undertake to increase effective disaster preparedness and management.

Texas A&M – Bush School of Government Affairs and Public Service:

The research will explore the concept of how humanitarian actors can rapidly understand broader interconnected urban infrastructure systems. This partnership explores how urban humanitarian responses should be adapted to address cascading risks and failures.

North South University/University of Hawaii's College of Social Sciences

UH Mānoa / Dhaka North-South University: CFE-DM has developed a tripartite relationship in the past year with the University of Hawai'i at Mānoa College of Social Sciences (CSS) and North South University (NSU) in Dhaka, which is Bangladesh's first and largest private university. The research will identify South and Southeast Asia as geographical areas of mutual interest, particularly Bangladesh and Indonesia in the areas of localization and capacity building.

CFE-DM collaborates frequently with partners during workshops, conferences, and exercises to facilitate research across the field of disaster management, including disaster risk reduction and civil-military coordination, linking academia directly with developing operational initiatives and stakeholders. Throughout academic year 2020-2021, the Center has consolidated myriad research topics to address humanitarian assistance and disaster relief operations and regional coordination challenges.



College of William and Mary:

The Institute is interested in improvements to methodologies, tools and analysis for post disaster needs and recovery assessment. This topic was conceived to explore innovative methods, better tools and improved analysis to decrease assessment fatigue and increase targeted assessment in post disaster events. The topic also explores what is needed through certain time phases of emergencies and a flexible framework for comprehensive need assessments to be conducted to minimize wasted resources and drive effective resource mobilization.

James Cook University:

The University is exploring how civil-military coordination can reinforce or constrict movements during a response to pandemics. In response to this challenge, CFE-DM and James Cook University's College of Engineering in Cairns, Australia are collaborating in this area of humanitarian response.

University of Hawaii's Office of Public Health:

CFE-DM currently has a Memorandum of Understanding (MoU) with the University's Office of Public Health Studies. This partnership may look at disaster management strategies in the Pacific, including mitigation against and adaptation to climate change.

Internship Program

The Applied Research and Information Sharing (ARIS) branch coordinates an internship program at CFE-DM through USINDOPACOM. Graduate and undergraduate students have the opportunity to focus their research and write on a dedicated topic of interest relating to disaster management, humanitarian assistance, or larger humanitarian crisis issues throughout the several months they spend with the Center.

Previous:

- Seattle Pacific University
- Columbia University - School of International and Public Affairs (SIPA)
- Harvard University - Harvard Humanitarian Initiative
- Brown University - Watson Institute of International and Public Affairs
- University of the South Pacific
- Fiji National University
- University of California, Los Angeles
- University of California, San Diego
- University of San Diego

Current:

- College of William and Mary
- Texas A&M
- University of Hawai'i
- North South University – Bangladesh

New Collaborations

CFE-DM is also collaborating on potential research projects with colleagues from the following schools and Universities:

- Brown University
- National Defense University
- Yale University
- Nanyang Technological University — S. Rajaratnam School of International Studies (RSIS)
- Navy Postgraduate School

INTERESTED IN PARTNERSHIP OPPORTUNITIES WITH CFE-DM?

If you are interested in partnering with the Center for Excellence in Disaster Management and Humanitarian Assistance, please contact Dr. Alberto Morales, Jr. @ +1 (808) 472-0480; alberto.morales1@navy.mil or Mr. Alan Aoki at +1 (808) 472-0440; alan.aoki.ctr@cfe-dmha.org



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