

FEMA Higher Education Newsletter, December 2022

FEMA's National Training and Education Division (NTED) manages the Higher Education (HiEd) Program to serve the needs of the community, including faculty, students and staff at institutions of higher education, professional organizations and practitioners who are dedicated to advancing the field of emergency management.

The HiEd newsletter is published monthly. We like to include information useful to the community. What would you like to see more of? We want to hear from you. Send an email to fema-hifapped@fema.dhs.gov.

HiEd Program Update

If you are interested in joining the HiEd Symposium Academic Planning Committee, send an email to fema-hied@fema.dhs.gov to be added to the monthly call invitation.

FEMA Higher Education Program Community Call, Fri., February 17, 2:00 – 3:30 p.m. ET

The call is an opportunity for the HiEd Program to provide updates and for the community to share information about projects, research, course development, achievements and challenges. Registration is not necessary.

Join ZoomGov Meeting: <https://fema.zoomgov.com/j/16046780270>

Meeting ID: 160 4678 0270 | Passcode: 621901

2023 Upcoming Calls:

February 17-*Innovation in Mitigation*

April 21-*Next Steps for Students*

September 15-*Measuring Preparedness*

November 17-*Bridging Research and Practice*

2023 25th Annual Emergency Management Higher Education Symposium, June 5-7, 2023

Theme: Connecting our Past with our Future: Celebrating Community Impact through 25 Years of the FEMA Higher Education Symposium

Call for Submissions: Opened – November 17, 2022 | Closes – January 20, 2023. Presentation proposals can be submitted for peer review through [EasyChair Call for Submissions](https://easychair.org/cfp/25thEMHigherEdSymposium) (URL: <https://easychair.org/cfp/25thEMHigherEdSymposium>).

Symposium Tracks:

- Scholarship of teaching and Learning (SoTL) in Emergency Management
- Bringing Research into Practice
- Policy and Administration of Emergency Management
- Inclusion, Diversity, Equity and Access (IDEA)
- Panel Discussions



FEMA

Registration: Opened November 21, 2022

- Deadline for Non-US Citizens: Closes February 20, 2023 (All non-US Citizens whether residing in the United States or not)
- Deadline for US Citizens: Closes April 24, 2023
- [Symposium application instructions and online application](https://training.fema.gov/hiedu/23conf/2023%20symposium%20online%20application%20instructions_v2.pdf) available at https://training.fema.gov/hiedu/23conf/2023%20symposium%20online%20application%20instructions_v2.pdf.

The [College List](https://training.fema.gov/hiedu/collegelist) (URL: <https://training.fema.gov/hiedu/collegelist>) outlines programs at all levels of study in emergency management (EM), homeland security (HS), and related fields. If you have a new or updated program to include, send an email to fema-emi-collegelist@fema.dhs.gov.

In Case You Missed It...

The November 2022 Community Call had over 70 participants and featured three dynamic presentations from Leslie Saucedo FEMA's Director External Civil Rights Division, Judy L. Harmon, CEM, Dr. Ray Chang from Embry-Riddle Aeronautical University-Worldwide Campus, and Dr. Suwan Shen from University of Hawaii at Manoa.

Other FEMA Programs

Building Resilient Infrastructure and Communities (BRIC) Direct Technical Assistance (DTA) gives full support to communities that may not have the resources to begin climate resilience planning and project solution design on their own. Through process-oriented, hands-on support, BRIC DTA will work to enhance a community's capacity to design holistic, equitable climate adaptation solutions that advance numerous community-driven objectives. For more information, visit the [BRIC Direct Technical Assistance](https://www.fema.gov/grants/mitigation/building-resilient-infrastructure-communities/direct-technical-assistance) (URL: <https://www.fema.gov/grants/mitigation/building-resilient-infrastructure-communities/direct-technical-assistance>)

FEMA Advances Accessibility: Policy Change Provides Over \$117 Million to Disaster Survivors for Cleaning and Sanitizing Homes. FEMA announced over \$117 million was provided to survivors in additional assistance due to a policy update which expanded cleaning and sanitizing assistance following a disaster. Because of the policy update, more than 391,000 additional applicants have been able to get financial help.

Under the Clean and Sanitize Assistance (CSA) program, if a survivor received minor damage to their home, but was able to live in the home, FEMA may be able to provide up to \$300 to help prevent additional losses and to protect the health and safety of the survivor's home. This assistance is for eligible homeowners and renters and can be used to pay for supplies or a service to clean up. For more information on the [CSA program](https://www.fema.gov/press-release/20221213/fema-advances-accessibility-policy-change-provides-over-117-million-disaster), go to <https://www.fema.gov/press-release/20221213/fema-advances-accessibility-policy-change-provides-over-117-million-disaster>.

Research Opportunities

Call for Proposals: FEMA Region 8 and the University of Colorado's Natural Hazards Center – with additional support from the National Science Foundation – are excited to announce a joint effort to underwrite original research in the American West.

The goal is to provide **10 awards** in the amount of **\$4,000 each**. A successful application for funding will expand the understanding of the human and social dimensions of hazards, incidents, and disaster in FEMA Region 8 or across the American West. Proposals should have clear and feasible timelines that includes plans for data collection, analysis, and report writing. Proposals must include a statement describing how expected findings and outcomes can be used as actionable guidance for emergency managers for FEMA Region 8 and beyond.

Proposals will be considered that focus on how preparedness for natural hazards impacts all other aspects of a natural hazard, as well as recent (last three years) and future (unfolding in the next three months) disasters.

All proposals should follow our [Quick Response Proposal Submission guidelines](https://hazards.colorado.edu/research/quick-response-report/guidelines).

(URL: <https://hazards.colorado.edu/research/quick-response-report/guidelines>). However, please feel free to omit suggested categories that are outside the scope of this special call. All proposals must be submitted using our online proposal submission form at the bottom of the Quick Response submission guidelines page.

Those interested in applying should visit [Special Call for Research in FEMA Region 8](https://hazards.colorado.edu/research/quick-response/fema-region-8)

(URL: <https://hazards.colorado.edu/research/quick-response/fema-region-8>) for more information on this exciting opportunity.

The RAPID Graduate Student Scholars program seeks to expand the pool of natural hazards and disaster researchers who have knowledge and expertise in (i) using state-of-the-art field instrumentation and data collection tools, (ii) post-processing and applying these data to advance natural hazards and disaster engineering and social sciences, and (iii) archiving these data for re-use by others. Limited competitive support is available to use and access RAPID instrumentation, facilities, and resources, including one-on-one training; instrumentation, travel, and shipping fees; and support costs (e.g., licensed drone pilot services). The RAPID Scholars program is open to all natural hazards and disaster graduate student researchers. This yearly program will accept applications from December 15, 2022 through January 31st, 2023. Award decisions will be made in early March 2023. Go to the [RAPID Scholars Proposal page](https://www.surveyhero.com/c/2023RAPIDScholarsProposal) (URL: <https://www.surveyhero.com/c/2023RAPIDScholarsProposal>) for more information and the application.

The National Science Foundation (NSF)-supported Computational Modeling and Simulation Center (SimCenter) invites applications for four full-time Postdoctoral Scholar positions to support software development and computational simulation in the following focus areas of natural hazards research:

- Coastal Engineering and Hydrodynamics
- Machine Learning and Data Science
- Multi-hazard Regional Risk Assessment
- Socioeconomic Models and Recovery Simulation

For further information on the [Postdoctoral Scholar Positions](https://simcenter.designsafe-ci.org/media/filer_public/1c/46/1c46645a-f27a-490f-adbe-b26854346ba5/2022_simcenter_postdoctoral_positions.pdf), visit https://simcenter.designsafe-ci.org/media/filer_public/1c/46/1c46645a-f27a-490f-adbe-b26854346ba5/2022_simcenter_postdoctoral_positions.pdf.

The National Institute of Environmental Health Sciences' (NIEHS) Disaster Research Response (DR2) Network are guest editing a special issue of the international Journal of Environmental Research and Public Health (IJERPH), "[Public Health Disaster Research: Examples from the Field](https://www.mdpi.com/journal/ijerph/special_issues/PHDR_ijerph)" (URL: https://www.mdpi.com/journal/ijerph/special_issues/PHDR_ijerph). NIEHS DR2 will accept and review submissions of relevant research articles, review papers and short communications on a rolling basis until May 31, 2023.

Global Sustainability Scholars (GSS) and Fellowship Opportunities The GSS program brings together talented, early career, and sustainability-focused individuals, who are underrepresented in STEM, for a paid summer immersive experience, where students travel, conduct research, and build their professional network in real-world sustainability issues. The [Global Sustainability Scholars \(GSS\) Program](https://www.gsscholar.org) (URL: <https://www.gsscholar.org>) will receive applications until January 15, 2023.

If you are an undergraduate:

[The GSS Scholars Program](https://www.gsscholar.org/scholars-program) (URL: <https://www.gsscholar.org/scholars-program>) offers students a two-summer research experience. During the two summers, students will travel to host sites, learn about sustainability issues, conduct research, and build their professional network. Potential projects you could get involved in are shown on the site. Email gsscholarinfo@gmail.com for more information.

If you are a graduate student:

[The GSS Fellows Program](https://www.gsscholar.org/fellows-program) (URL: <https://www.gsscholar.org/fellows-program>) offers a 10-week paid immersive training and mentoring experience with international sustainability research projects. Go to the link provided to check out the potential projects you could get involved in.

The Gulf Research Program is Now Accepting Applications for Fellowship Opportunities!

Applications: Open: November 30, 2022 | **Close:** March 1, 2023, 5:00 PM ET

The Gulf Research Program's Science Policy Fellowship helps scientists gain first-hand policy experience as they spend one year on the staff of federal, state, local, or non-governmental environmental, natural resource, oil and gas, and public health agencies in the Gulf of Mexico region.

- [Science Policy Fellowship](https://www.nationalacademies.org/our-work/science-policy-fellowship?utm_source=All+DBASSE+Newsletters&utm_campaign=cf904dd49c-grp-fellowships&utm_medium=email&utm_term=0_-cf904dd49c-%5BLIST_EMAIL_ID%5D) (URL: https://www.nationalacademies.org/our-work/science-policy-fellowship?utm_source=All+DBASSE+Newsletters&utm_campaign=cf904dd49c-grp-fellowships&utm_medium=email&utm_term=0_-cf904dd49c-%5BLIST_EMAIL_ID%5D)
- [Early-Career Research Fellowship: Human Health and Community Resilience Track](https://www.nationalacademies.org/our-work/early-career-research-fellowship?utm_source=All+DBASSE+Newsletters&utm_campaign=cf904dd49c-grp-fellowships&utm_medium=email&utm_term=0_-cf904dd49c-%5BLIST_EMAIL_ID%5D) (URL: https://www.nationalacademies.org/our-work/early-career-research-fellowship?utm_source=All+DBASSE+Newsletters&utm_campaign=cf904dd49c-grp-fellowships&utm_medium=email&utm_term=0_-cf904dd49c-%5BLIST_EMAIL_ID%5D)

Internships & Scholarship Resources

National Science Foundation (NSF) Dear Colleague Letter: Scholarships in STEM Program (S-STEM) Responsiveness to the CHIPS and Science Act of 2022. The Dear Colleague Letter (DCL) seeks to inform the community that the Scholarships in Science, Technology, Engineering and Math program (S-STEM) will be releasing a new solicitation with a forthcoming deadline in calendar year 2023 to align with the CHIPS and Science Act of 2022 (Public Law. 117-167). Section 10393 of this Act authorizes the Director to make changes in the maximum scholarship amount and length of scholarship support for low-income students in STEM fields. However, no changes are anticipated in a student's eligibility definition. For more information on the [S-STEM Letter](https://www.nsf.gov/pubs/2023/nsf23029/nsf23029.jsp?WT.mc_ev=click&WT.mc_id=&utm_medium=email&utm_source=govdelivery), visit https://www.nsf.gov/pubs/2023/nsf23029/nsf23029.jsp?WT.mc_ev=click&WT.mc_id=&utm_medium=email&utm_source=govdelivery.

Upcoming Events

ASFPF Foundation 13th Annual Student Paper Competition Application Now Open! Teams consisting of one or more graduate or undergraduate students currently enrolled in a college or university are encouraged to **submit abstracts on subjects relating to floodplain or stormwater management no later than February 11, 2023**. The abstracts will be judged by a panel of floodplain management professionals and three finalists will be invited to submit their papers in April 2023. The three finalists will receive free registration to the ASFPF Annual National Conference and travel expense assistance to present their papers at a special student conference session on Tuesday, May 9, 2023. For more information on the [ASFPF Foundation's Student Paper Competition](https://www.asfpf.org/scholarships/student-paper), visit <https://www.asfpf.org/scholarships/student-paper>.

Natural Hazards Engineering Research Infrastructure (NHERI) JUNE 21 - 23, 2023 Annual Summer Institute will be held June 21-23, 2023, at the University of Texas at San Antonio's (UTSA) Downtown campus and online. Early career faculty, engineers, social scientists, and researchers interested in learning more about the NHERI community and National Science Foundation (NSF) proposal writing may **apply** or **register**. You may **apply** for an NSF travel award by **February 24, 2023**, and attend in person, or **register** to attend the event online by **June 1, 2023**. Apply or register online for the [NHERI Summer Institute for Early-Career Faculty](https://www.designsafe-ci.org/learning-center/summer-institute) at <https://www.designsafe-ci.org/learning-center/summer-institute>.

CALL FOR CHAPTER SUBMISSIONS: "Hazards, disasters, climate change and sexual and gender diversity", Routledge Studies in Hazards, Disaster Risk and Climate Change. The edited collection has been commissioned by Routledge as part of its series, Studies in Hazards, Disaster Risk and Climate Change. The collection addresses a significant gap in our understanding of the differential impacts of disaster on marginal and minority populations. We are calling for submissions that address the absence of sexual and gender diverse people (and their voices and experiences) in disaster management, policy, and practice. We are seeking submissions from across the world, from the global north and south, on all aspects of sexual and gender diverse people's experiences of hazards, disasters, climate change and humanitarian crises. For more information click on the following links.

- [Call for Submissions-Summary](https://drive.google.com/file/d/1hWqu00ovH1AfYW1UxTepJkXdBzggxuOi/view?usp=share_link)
(URL: https://drive.google.com/file/d/1hWqu00ovH1AfYW1UxTepJkXdBzggxuOi/view?usp=share_link)
- [Call for Submissions-Detailed:](https://drive.google.com/file/d/1HykGWVc-bYYVfPSvom4soQ8duXkrcM6d/view?usp=sharing)
(URL: <https://drive.google.com/file/d/1HykGWVc-bYYVfPSvom4soQ8duXkrcM6d/view?usp=sharing>)

Governor's Hurricane Conference (GHC), May 7-12, 2023, Palm Beach County Convention Center & Hilton West Palm Beach. The GHC is an opportunity to learn from the success of others and identify proven best practices, as well as learning what mistakes to avoid before it's too late. For [GHC registration and additional information](https://flghc.org), go to <https://flghc.org>.

The resources in this newsletter are compiled from a variety of sources to support research or classroom use. The links are provided as a convenience. They do not constitute any endorsement or approval by FEMA or the HiEd Program. FEMA and the HiEd Program do not endorse any non-government websites, companies, or applications.

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FEMA's mission is helping people before, during, and after disasters.

Download the [FEMA App](https://www.fema.gov/about/news-multimedia/mobile-products) (URL: <https://www.fema.gov/about/news-multimedia/mobile-products>) to receive weather alerts from the NWS for up to five different locations anywhere in the U.S.

Learn more at the [Higher Education Program page](https://training.fema.gov/hiedu) (URL: <https://training.fema.gov/hiedu>).