



National Institute of
Environmental Health Sciences
Worker Training Program

JULY 2024

WTP Disaster Act Supplemental Funding Kickoff Meeting Report

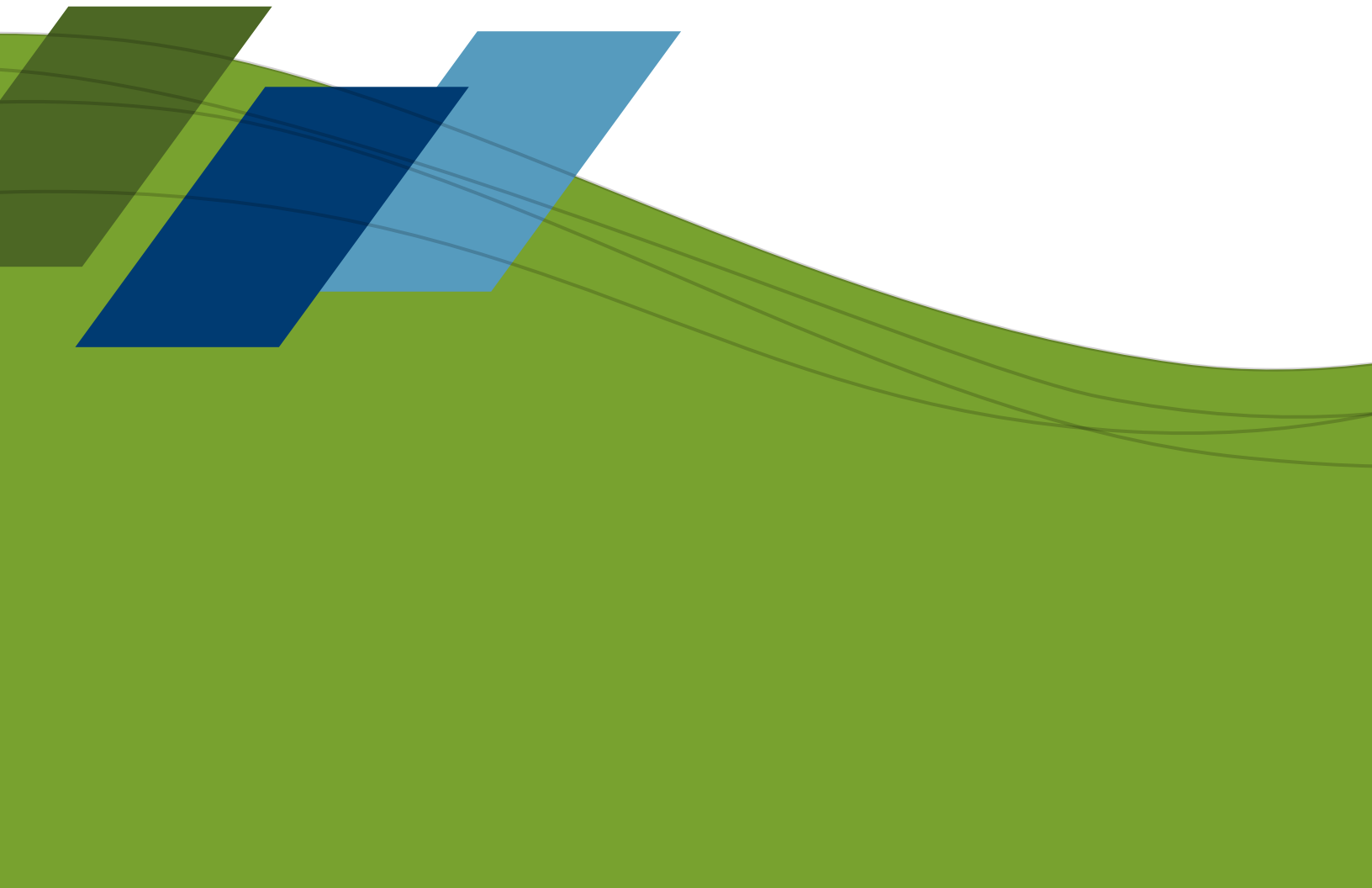


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On September 28-29, 2023, the NIEHS Worker Training Program (WTP) hosted a kickoff meeting for grant recipients who received supplemental funds from the Consolidated Appropriations Act, 2023.

The meeting took place in San Juan, Puerto Rico, and provided an opportunity for grant recipients to share their training plans, ideas, and challenges with colleagues and local partners.

This report provides a summary of presentations and discussions that took place during the kickoff meeting.

Supplemental Grant Recipients

Nine WTP grant recipients received supplemental funds from the Consolidated Appropriations Act, 2023. The supplemental funding provides support to deliver health and safety training to U.S. populations impacted by major disasters declared in 2022.

The purpose of the funding is aimed at recovery and preparedness for workers and their communities. Grant recipients are using targeted strategies to reach and train workers, day laborers, and volunteers in disaster-impacted areas, including those in communities that are historically marginalized or disadvantaged due to socioeconomic, health, or environmental burdens.

The grant recipients who received this supplemental funding are listed below. More details about each grant recipient's training plan, courses, outreach, and more are available in the Appendix.

- [Atlantic Center for Occupational Health and Safety Training](#)
- [Historically Black Colleges and Universities Consortium](#)
- [International Association of Fire Fighters](#)
- [International Chemical Workers Union Council Center for Worker Health and Safety Education](#)
- [National Partnership for Environmental Technology Education](#)
- [Western Region Universities Consortium](#)
- [Sustainable Workplace Alliance](#)
- [The New England Consortium-Civil Service Employees Association](#)
- [Midwest Consortium for Hazardous Waste Worker Training](#)



Opening slide shared during presentation by WTP Director Sharon Beard.

Training Plan Updates and Discussion

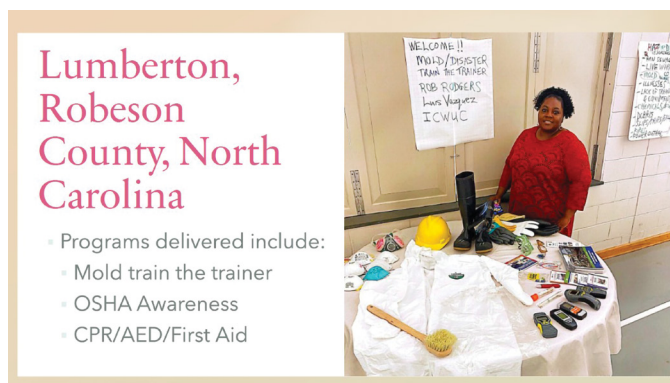
A representative from each grant recipient shared an overview of their organization and training plans, and participated in open discussions about evaluation, training resources, and collaboration.

The Atlantic Center for Occupational Health and Safety Training (Atlantic COHST) has been partnering for years with the [Migrant Clinicians Network](#) and the Universidad Ana G. Méndez, both located in Puerto Rico, to deliver training and conduct outreach. One of their primary goals is training migrants and residents to build a sustainable workforce in Puerto Rico. The training is focused on topics such as disaster resiliency; mold remediation; and safety before, during, and after disasters.

The Historically Black Colleges and Universities Consortium (HBCUC) is using this supplemental funding to expand their work in the Florida panhandle and Brevard County (in east Florida) working with emergency response groups, faith-based organizations, community members, and multiple universities.

The International Association of Fire Fighters (IAFF) trains firefighters to do more than just fight fires. In the performance of their duties, firefighters face risk of exposure to several physical, chemical, biological, and radiological hazards. IAFF will provide confined space rescue and hazardous material technician training to firefighters in disadvantaged communities.

The International Chemical Workers Union Council (ICWUC) focuses on resiliency training to prepare communities for the next disaster or event. ICWUC highlighted their work in Robeson County, North Carolina with disadvantaged communities. Their evaluation statistics from Robeson County caught the attention of the other grant recipients, as their newly implemented text surveys resulted in a response rate of 30%, while their previous phone call surveys averaged a response rate between 2-3%. The supplemental funding from the Consolidated Appropriations Act, 2023 (disaster supplement) will support additional training in New Mexico, Washington, Tennessee, California, and other regions as needed.



Slide from ICWUC presentation.



TOP: Photo of panel 1 during the meeting. Pictured from left to right, Jim Remington (NIEHS WTP), Shari Glines-Allen (ICWUC), Mitchel Rosen, Ph.D. (Atlantic COHST), Kim Dunn (HBCUC), Calvin Avant, Ph.D., (HBCUC), and Jamie Burgess (IAFF). (Photo courtesy of Allison Weingarten)

BOTTOM: Photo of panel 2 during meeting. Pictured from left to right, Eric Persaud, Dr.P.H. (NIEHS WTP), Kirk Laflin (PETE), Iris Rivera (PathStone), David Turcotte, Sc.D. (TNEC), David Casavant (SWA), and Kevin Riley, Ph.D. (WRUC). (Photo courtesy of Allison Weingarten)

The National Partnership for Environmental Technology Education (PETE) is planning to offer 37 courses to 665 students in 2023. Currently, they have 25 certified disaster site worker response trainers in their network, with 20 of them in Puerto Rico, four in Ohio, and one in Maine.



Slide from PETE presentation.

The Sustainable Workplace Alliance (SWA) shared powerful statistics on disaster impacts and response in Puerto Rico. While 18% of residents on the mainland states are in fair to poor health, 34% of residents in Puerto Rico are in fair to poor health. Children in Puerto Rico are three times more likely to experience asthma than White, non-Hispanic mainland children. SWA supports community health in Puerto Rico through its use of community-based organizations, first responders, and government agencies to help with outreach and disaster preparedness training. To them, training is about teaching and re-enforcing good behaviors when it comes to disaster response.



Slide from SWA presentation.

The New England Consortium-Civil Service Employees Association (TNEC-CSEA) partners with emergency responders; medical facilities; public utilities; local, state, and federal government agencies; and environmental response agencies.

The Western Region Universities Consortium (WRUC) is proposing to conduct training with migrant day-laborers in California and Washington, since day-laborers are often hired to do informal disaster response without proper training or personal protective equipment. WRUC is also contributing to the planning of a Tribal-led earthquake and tsunami simulation in summer 2024 and will be doing supplemental training in support of the simulation.

The Midwest Consortium for Hazardous Waste Worker Training is planning to conduct 81 training programs with 1,286 participants in the next two years. Their focus areas for disaster preparedness and response training include mold remediation and awareness, weatherization, and heat and cold safety training.

Making Connections

Representatives from various partner organizations also shared presentations showcasing their work. Roundtable discussions provided a unique opportunity for WTP grant recipients and partners to share information and build partnerships outside of an active disaster scenario.



Carmen Guerreo presents on the U.S. Environmental Protection Agency (EPA)'s Caribbean Healthy Building Collaborative. (Photo courtesy of Allison Weingarten)

Eulando Piñero, program manager with SWA and a representative of the Puerto Rico Volunteer Fire Department, shared more about the unfortunate lack of resources on the island. He highlighted the gaps in resource availability and the disaster response workforce. For example, the fire truck that their department uses was donated by a volunteer fire department in New Jersey, and there is only one urban search and rescue specialist in Puerto Rico.

Myrellis Muñiz Márquez, a representative from the Migrant Clinicians Network, said they facilitated island-wide workshops after Hurricane Maria to share lessons learned from the disaster response and how to prepare for future disasters.



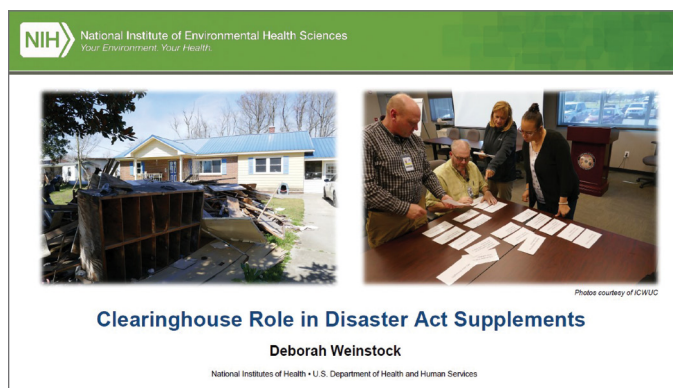
Materials from the Puerto Rico Testsite for Exploring Contamination Threats (PROTECT) NIEHS Superfund Research Program Center. The PROTECT Center focuses on studying the impact of environmental exposures on maternal and child health outcomes. (Photo courtesy of Carmen Velez Vega, Ph.D.)

This Disaster Supplement Kickoff Meeting was not WTP’s first time meeting to discuss disaster preparedness and response in Puerto Rico. On September 13, 2018, the Rutgers School of Public Health, a WTP grant recipient, held a meeting in partnership with the Universidad Metropolitana in Bayamon, Puerto Rico. Hurricane Maria caused widespread devastation on the infrastructure and social systems of Puerto Rico, and the aftermath revealed gaps in disaster preparedness and response training. The 2018 meeting served as an opportunity to build partnerships and identify training needs to better prepare for future disasters in Puerto Rico. The 2023 Disaster Supplement Kickoff Meeting provided an exciting opportunity to reinvigorate partnerships with the local community and discuss preparedness and response outside of an active disaster setting.

Grant Recipient Requests

Representatives from the [National Clearinghouse for Worker Safety and Health Training](#) (Clearinghouse) shared various resources and services available for grant recipients, such as meeting support and training materials.

Grant recipients shared ideas for materials or processes that the Clearinghouse could develop that would be helpful in their training efforts. Grant recipients expressed the need for the following support from the Clearinghouse: developing a training tool on heat stress; reviewing and updating the hurricane training tool and booklet; updating the mold booklet to account for mold remediation in building materials used in Puerto Rico; and developing a voluntary respiratory personal protective equipment program.

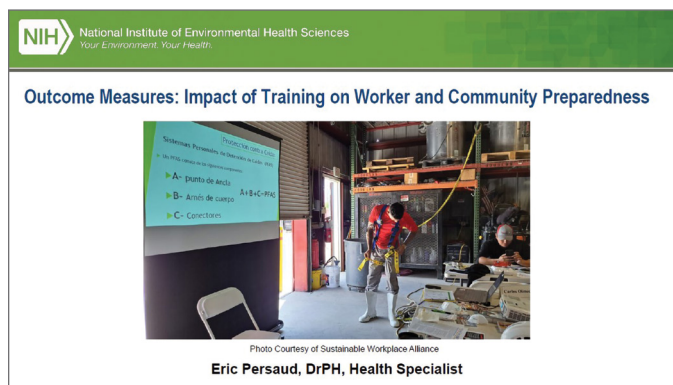


Opening slide from MDB/ Clearinghouse team. The Clearinghouse offered support to grant recipients during the meeting.

Key Themes

Key themes that emerged during the kickoff meeting were:

- **Evaluation.** Grant recipients expressed interest in sharing their evaluation ideas to improve feedback quantity and quality. Participants agreed that the Evaluation Community of Practice is an essential vehicle to share common metrics and themes to evaluate programs, thus highlighting the value of the training programs.
- **Partnerships and collaboration.** Grant recipients echoed the sentiment that they sometimes work in the same or similar communities but do not collaborate. The grant recipients were energized by the collaborative model of this gathering.
- **Clearinghouse training materials.** Grant recipients expressed interest in the Clearinghouse creating a heat stress and a respiratory protection training tool. They also expressed interest in supplemental slides on mold remediation for building materials in Puerto Rico — these slides would be integrated into the existing Hurricane and Flood training tools. Grant recipients also expressed the need for these tools to be translated in multiple languages.

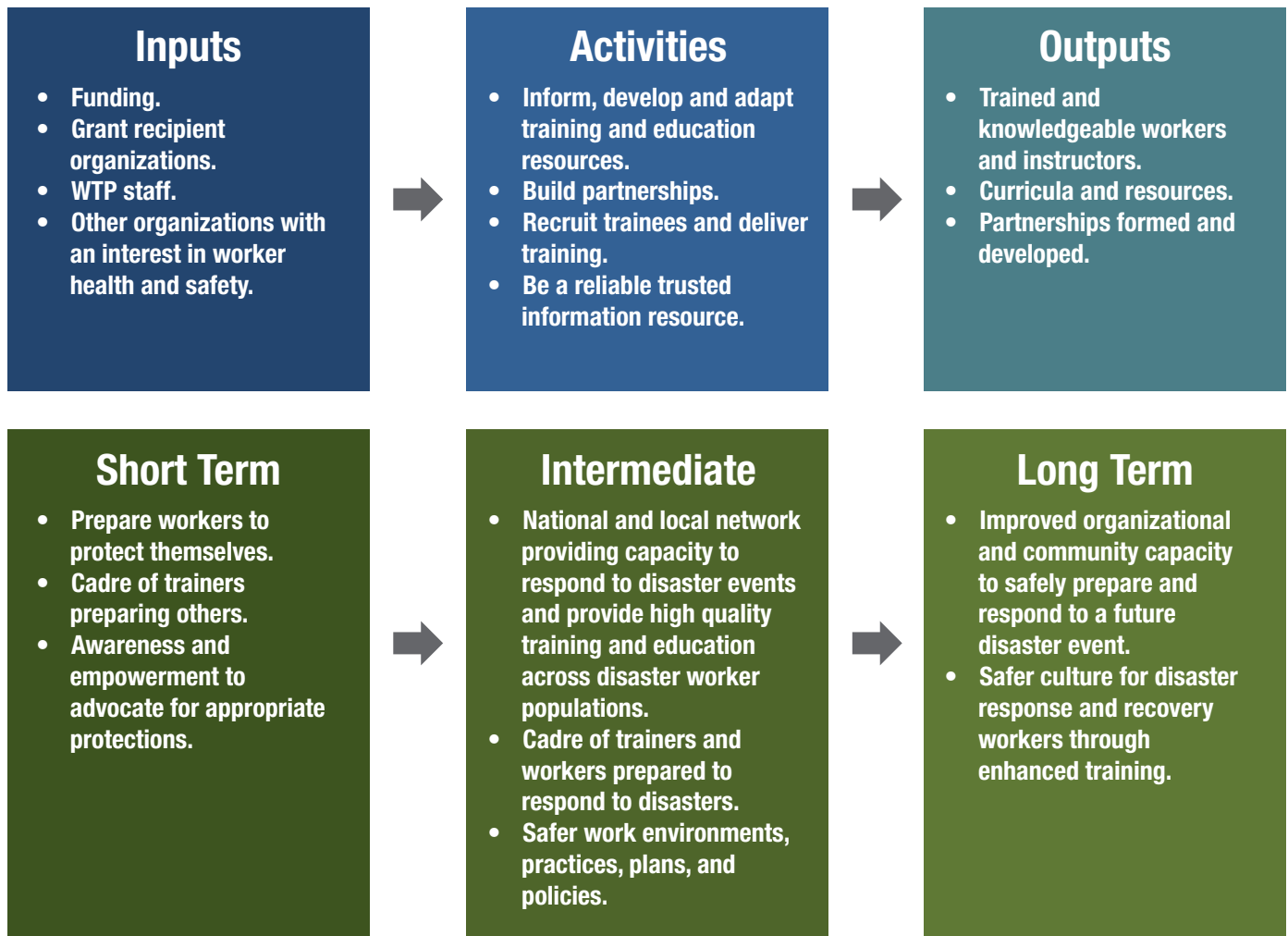


Opening slide from Eric Persaud, Dr.P.H., health analyst with the NIEHS WTP. Persaud offered a presentation and discussion on revamping an Evaluation Community of Practice.



Evaluation Community of Practice

The Evaluation Community of Practice held a virtual meeting in December 2023 to discuss evaluation tools and the WTP logic model. The call resulted in a new way of looking at the logic model, specific to disaster response and training efforts (shown below).





Follow-Up Meetings with Grant Recipients

The Clearinghouse team conducted follow-up meetings with each grant recipient to discuss their inspirations, concerns, training plans, and progress on training to be conducted using supplemental funds. The Clearinghouse team shared plans on communication and support materials requested by grant recipients during the kickoff meeting. Grant recipients' inspirations included extending their current reach whether by developing new partnerships, creating new trainings, or expanding to different target populations. Many grant recipients shared the sentiment that their organizations have made incredible impacts on people's lives, and they are happy to see the wide impact of the train-the-trainer program.

The concerns that the grant recipients shared mostly surrounded sustaining funding, capacity, and relationships.

Services the Clearinghouse will offer during supplemental funding period (May 2023-May 2025):

- Develop a meeting report, a video, and other communications and marketing materials.
- Develop Training Tools on heat stress and a voluntary respiratory protection program.
- Create supplemental slides for the existing Hurricane, Flood, and Mold Training Tools. For example, for the Hurricane and Flood Training Tools, supplemental slides are needed on water contaminated with chemicals and pathogens. For the Mold Training Tool, supplemental slides are needed on mold remediation for building materials used in Puerto Rico.
- Create a contact list for sharing contacts and training schedules among grant recipients.
- Schedule regional meetings with federal, state, and local partners to promote the trainings and outreach efforts.
- Continue scheduling and facilitating meetings for the Evaluation Community of Practice.
- Provide other technical assistance as needed.

Next Steps

Based on suggestions voiced during the kickoff meeting and additional insight shared by grant recipients during follow-up meetings, the Clearinghouse team compiled a list of deliverables and action items to support the grant recipients throughout this supplemental funding period (May 2023-May 2025). A working contact list has been developed for grant recipients to add their collaborators and other local organizations for the purpose of facilitating connections throughout their networks. It is important for federal agencies, state agencies, and community organizations to know which organizations do similar work to facilitate more seamless collaborations during disaster response and recovery situations.

The Mold Training Tool will be updated to provide guidance on mold remediation for building materials used in Puerto Rico, and the Hurricane and Flood Training Tools will be updated to provide more information on contaminated flood waters. The Clearinghouse team also plans to develop a short video showcasing the needs and successes of grant recipients' training efforts. Additionally, certain training tools will be updated in Spanish and other languages as requested.

Conclusion

As confirmed by grant recipients, the disaster supplements provide an opportunity to enhance and expand training and outreach services to some of the most vulnerable U.S. communities. Grant recipients will have support from the Clearinghouse to make connections and build partnerships with local, state, and federal players. Partnerships are essential in preparing for disasters. Collaborations between grant recipients for disaster preparedness and response training can have cascading impacts on the readiness of communities and responders before disasters and can expedite the recovery process after disasters strike.

Appendix: Grant Recipient Profiles

Atlantic Center for Occupational Health and Safety Training (Atlantic COHST)

The Atlantic Center for Occupational Health and Safety Training (Atlantic COHST) has been working in Puerto Rico for many years with partners such as the Migrant Clinicians Network and Universidad Ana G. Méndez. The Atlantic COHST will provide essential training and outreach in response to declared disasters in Puerto Rico in 2022. Utilizing a broad-based approach, the Atlantic COHST will address health and safety training needs of worker populations in Puerto Rico, including communities, volunteers, clinicians, community health workers, day laborers, migrants, and other vulnerable worker populations. Using existing knowledge and understanding of worker safety and health, personal protective equipment, and experience in training disaster workers, the Atlantic COHST can quickly adapt to meet the needs of this population. Over the course of two years, the Atlantic COHST will offer 28 courses, reaching 385 trainees, and providing 2,405 contact hours of training. Through these training and outreach programs, Atlantic COHST target populations will be better prepared to protect workers and community members from the health and safety impacts of disasters.

Grant Recipient	Target Disaster Response Population	Community Locations	Previous Trainings Offered	Existing Community Partnerships
Atlantic Center for Occupational Health and Safety Training	<ul style="list-style-type: none"> • Communities • Volunteers • Migrants • Day laborers • Community health clinicians • Other vulnerable worker populations 	<ul style="list-style-type: none"> • Puerto Rico - City of Bayamón Emergency Management Agency • Puerto Rico - City of San Juan (Consulates) 	<ul style="list-style-type: none"> • COVID-19 Response • Occupational Health and Safety • Heat Wave Management • Mold Awareness 	<ul style="list-style-type: none"> • Club Semillitas de Amor • Mexican consulate • Colombian consulate • Dominican Republic consulate

International Association of Fire Fighters (IAFF)

The International Association of Fire Fighters (IAFF) will train fire fighters and emergency responders in advanced hazardous materials and confined space courses. While the training locations in this supplement had natural disaster declarations in 2022, the hazards present in these communities extend far beyond just natural disasters. From the oil rigs in Anchorage, Alaska to the ports in Quincy, Massachusetts and the miles of railroads and highways in Billerica, Massachusetts and Lynchburg, Virginia, the potential of a man-made or accidental disaster is high. Additionally, when fire departments request IAFF training, they provide a summary of how this training will benefit their department. Overwhelmingly, departments state that the expansion of their department into more of an all-hazards force (and not just a fire department) necessitates the need for proper equipment, personnel, and training. Using the Kirkpatrick model of evaluation, IAFF is focusing efforts on measuring behavior change of the student’s post-course. Using pre- and post-questionnaires of both the student and their immediate supervisor, IAFF is seeking to determine the extent to which specific activities have changed or are performed more frequently because of the training. The IAFF will utilize surveys with self-rating questionnaires that are focused on assessing trainees’ key behaviors and the impact that training has on modifying their job-related behaviors. IAFF believes that the evaluation is critical to understanding the effectiveness and real-world application of the IAFF Hazardous Materials Operations Training Program. The insights gathered from this assessment will enable IAFF to make data-driven decisions and continuously improve the training program to better meet the needs of fire fighters. IAFF plans to train 100 students for a total of 6,000 contact hours across Lynchburg, Virginia; Anchorage, Alaska; and Quincy and Billerica, Massachusetts.

Grant Recipient	Target Disaster Response Population	Community Locations	Previous Trainings Offered	Existing Community Partnerships
International Association of Fire Fighters	<ul style="list-style-type: none"> • Firefighters • Emergency responders 	<ul style="list-style-type: none"> • Lynchburg, Virginia • Anchorage, Alaska • Quincy, Massachusetts • Billerica, Massachusetts 	<ul style="list-style-type: none"> • Advanced Hazardous Materials • Confined Space 	<ul style="list-style-type: none"> • Lynchburg, Virginia • Anchorage, Alaska • Quincy, Massachusetts • Billerica, Massachusetts

International Chemical Workers Union Council (ICWUC) Center for Worker Health and Safety Education

The International Chemical Workers Union Council (ICWUC) Center for Worker Health and Safety Education in Cincinnati, Ohio, and its 11-member consortium have built a nationally recognized HAZMAT training program that specializes in chemical emergency response programs covered by the Occupational Safety and Health Administration’s (OSHA) 1910.120 (q) to protect collateral duty emergency responders. Recently, the ICWUC Center has expanded into new areas based on the emergency response needs of an increasingly diverse audience of workers in education, food production, healthcare, and municipalities, as well as members of at-risk communities. The ICWUC Center is partnering with the Robeson County Disaster Recovery Committee in North Carolina to provide disaster preparedness training to its surrounding community, including mold remediation, OSHA safety awareness, cardiopulmonary resuscitation (CPR), and first aid training. The goal is to reduce recovery time by improving the community’s resiliency through training. Additionally, the ICWUC Center is preparing to provide similar training to consortium partners that have faced the repetitive burden of exposure to human-caused and natural disasters. The Center is planning to offer 496 classes to 7,258 trainees (Hazardous Waste Worker Training) and 246 classes to 3,657 trainees (HazMat Disaster Preparedness Training). ICWUC will launch a major initiative to conduct Spanish and bilingual classes and develop bilingual worker trainers to deliver training on a range of disaster hazards. The ICWUC Center will continue to collect pre- and 6-months post-training survey data of participants’ attempts to change their workplaces (which has resulted in two published papers).

Grant Recipient	Target Disaster Response Population	Community Locations	Previous Trainings Offered	Existing Community Partnerships
International Chemical Workers Union Council	<ul style="list-style-type: none"> Members of at-risk communities or populations, including those who identify as White, American Indian, and Black 	<ul style="list-style-type: none"> Robeson County, North Carolina Riverside, California American Indian and Alaska Native communities 	<ul style="list-style-type: none"> Mold Remediation OSHA Awareness Programs CPR/AED/First Aid 	<ul style="list-style-type: none"> Government Business

Midwest Consortium for Hazardous Waste Worker Training (MWC)

From August 1, 2023, to May 31, 2025, the Midwest Consortium (MWC) proposes to deliver 81 training programs to 1,286 participants for a total of 6,020 contact hours in the five Midwest states (Illinois, Kentucky, Minnesota, North Dakota, Tennessee) in which disasters were declared in 2022. The MWC has developed a variety of curricula to support disaster preparedness, response, and recovery training. These curricula include: 8- and 16-hour Mold Remediation materials, for which revisions are nearly complete; a new 3-hour Mold Awareness program; a Post-Storm Response Safety curriculum that was launched in 2020; a 1-hour Volunteer Preparedness curriculum; a 3-hour Family and Community Emergency Preparedness curriculum; a 2–8-hour Weatherization curriculum; and a new Heat and Cold Safety curriculum. Other curricula may also be relevant, including 8-hour First on the Scene Municipal Response Awareness, 4-hour Personal Protective Equipment, 4-hour Reporting Environmental Releases, and 3-hour HAZWOPER Awareness. In particular, the MWC’s 3-hour HAZWOPER Awareness curriculum for community members encourages instructors to tailor the program to the needs of participants, especially when reliable training materials are available from NIEHS or other agencies and organizations. Training centers include Three Affiliated Tribes, University of Illinois, University of Minnesota, University of Tennessee, and YouthBuild Louisville. Training will cater to a broad range of workers, including emergency responders, day laborers, transportation workers, maintenance and utility workers, and federal, state, Tribal, and local government workers.

Grant Recipient	Target Disaster Response Population	Community Locations	Previous Trainings Offered	Existing Community Partnerships
Midwest Consortium for Hazardous Waste Worker Training	<ul style="list-style-type: none"> • Emergency responders • Day laborers • Transportation workers • Maintenance and utility workers • Federal, state, Tribal, and local government workers 	<ul style="list-style-type: none"> • Illinois • Kentucky • Minnesota • North Dakota • Tennessee 	<ul style="list-style-type: none"> • HAZWOPER Awareness • Industrial Emergency Response (operations level) • Mold Remediation • Preparedness for High Volume Fuel Release • Community Disaster Awareness • Post-Storm Response Safety 	<ul style="list-style-type: none"> • Illinois Emergency Management Agency • Illinois Department of Public Health • Communities across Minnesota • St. Clair County Emergency Management Agency • State and local governments • Hand in Hand Ministries • University of Tennessee Center



National Partnership for Environmental Technology Education

The National Partnership for Environmental Technology Education (NPETE) is a nonprofit 501(c)(3) organization located in South Portland, Maine. NPETE sponsors the Community College Consortium for Health and Safety Training (CCCHST) which provides convenient, memorable, and cost-effective training for hazardous materials and waste workers engaged in waste treatment, storage, and disposal, hazardous waste generation, cleanup and remedial action, emergency response, and hazardous materials transportation. CCCHST membership consists of community colleges partnered with businesses, industries, universities, and community-based organizations offering a consistent and quality response to the national training need for hazardous waste workers and emergency/disaster response personnel. In fiscal year 2024, CCCHST includes 128 organizations employing 182 instructors located in 31 states and two U.S. territories. PathStone Corporation is a private, not-for-profit 501(c)(3) community development and human service organization serving Puerto Rico since 1998. PathStone builds family and individual self-sufficiency by strengthening farmworker, rural, and urban communities. A 19-member Board of Directors, representing multi-state governance teams, program area advisory committees, collaborative organizations, and affiliate corporations, governs PathStone. PathStone has an extensive community-based partnership network with government, business, education, and service providers. PathStone has demonstrated ability in performing local, in-person outreach and community engagement, ensuring all services reach the most vulnerable residents in Puerto Rico. PathStone serves disadvantaged populations including opportunity/disconnected youth; seniors; migrant and seasonal farmworkers; immigrants; people of color and Latinx; single parents; women/female heads of households; people living with AIDS/HIV; low- and very-low income; homeless; and incarcerated/justice-involved individuals. Since 2019, NPETE and PathStone have been in collaboration outreach and training courses specific to OSHA, HAZWOPER, disaster preparation and response, as well as other much needed training in Puerto Rico. NPETE has provided training to PathStone staff to obtain the needed credentials and authorizations to provide direct training to program participants, volunteers, partner agencies, and community members throughout 78 municipalities. Through supplemental opportunities, PathStone Corporation has been operating five Disaster Resilience Centers and each center trains over 500 participants each year. The Disaster Resilience Centers provide training and services for Puerto Rican workers and community members. Training covers topics such as infectious disease; disaster preparedness, response, and recovery; and mental health resiliency. The centers also offer referrals for personal protective equipment. Participants complete service evaluation forms after each training. These forms are translated and delivered to NPETE's third-party evaluator for impact reporting purposes. NPETE provides grant management, quality control, evaluation, and NIEHS reporting functions for the project. NPETE will also offer Resiliency training for up to 20 PathStone staff and community leaders identified by PathStone.

Grant Recipient	Target Disaster Response Population	Community Locations	Previous Trainings Offered	Existing Community Partnerships
National Partnership for Environmental Technology Education & PathStone Corporation	<ul style="list-style-type: none"> • Communities experiencing disadvantage or high poverty • Hispanic communities • Rural communities • Emergency medical personnel • Firefighters • Law enforcement personnel • High-risk custodial service workers • Processing and delivery workers in the food distribution sector • Water and sewage treatment workers • Health care facility employees • Workers in construction, sanitation, utilities, transportation, and government 	<ul style="list-style-type: none"> • All 78 municipalities of Puerto Rico. • Regional office in Arecibo, Puerto Rico • Regional office in Coamo, Puerto Rico • Regional office in Juncos, Puerto Rico • Regional office in Naranjito, Puerto Rico • Regional office in Ponce, Puerto Rico 	<ul style="list-style-type: none"> • Disaster Preparedness, Response, and Recovery • Disaster Resiliency • Infectious Disease • CPR/AED/First Aid • Mold Remediation • Lead and Asbestos Remediation • HAZWOPER • OSHA10 / OSHA30 (Construction and General Industry) • Worker Protection Standards • Heat Stress 	<ul style="list-style-type: none"> • Employers • Churches • Civic and social groups • Education and training providers • Health and social services providers • Governmental agencies • State/county workforce development organizations • Other nonprofits

The Historically Black Colleges and Universities Consortium (HBCUC) (co-led by the Deep South Center for Environmental Justice)

The Deep South Center for Environmental Justice, Inc. (DSCEJ) Hazardous Waste Worker Training Center provides training to hazardous materials and waste workers who may perform jobs covered by the OSHA Hazardous Waste Operations and Emergency Response (HAZWOPER) standards and assist employers in complying with OSHA standard 29 CFR 1910.120. DSCEJ’s emphasis is on training disadvantaged populations and populations critical to post-disaster recovery. This project will provide additional health and safety training, and reach communities in Pensacola, Florida. Training will address the needs of communities, volunteers, day laborers, and other vulnerable worker populations following Hurricanes Ian and Nicole. These hurricanes were two major declared disasters that affected target communities in 2022. The HBCUC is uniquely designed to reach populations for training that, due to poverty or racism, have been disenfranchised and excluded from opportunities existing within a society that has a unique history. In particular, the South is teeming with vestiges of racial inequality and social injustice in ways that continue to manifest in social and environmental determinants of health and well-being. The training program is informed by research and history on the intersection of race and place; the program also addresses basic inequities in resources for different communities across the country (rural versus urban) as well as differences in priorities for municipalities and city agencies, with training being first to be cut. Additionally, the HBCUC is unique in its make-up in that it includes Historically Black Colleges and Universities (HBCUs) and community-based organizations, that by design, serve the selected target populations.

Grant Recipient	Target Disaster Response Population	Community Locations	Previous Trainings Offered	Existing Community Partnerships
<p>The Historically Black Colleges and Universities Consortium</p>	<ul style="list-style-type: none"> Communities that are historically marginalized or disadvantaged. 	<ul style="list-style-type: none"> Escambia County, Florida Santa Rosa County, Florida Brevard County, Florida Orange County, Florida Volusia County, Florida 	<ul style="list-style-type: none"> Hurricane Preparedness Place of Worship Disaster Training COVID-19 and Hurricane Preparedness Disaster Preparedness 	<ul style="list-style-type: none"> Escambia Co. - Emergency Management Emergency Operation Center Be Ready Alliance Coordinating for Emergency (BRACE) Hilcrest Church American Red Cross Jubilee Church United Way of Escambia Co. Escambia County Government and Sheriff Department Rockledge City Cocoa City Council Diamond Square CRA Cocoa Police Department



The New England Consortium-Civil Service Employees Association (TNEC-CSEA)

Since 1987, The New England Consortium-Civil Service Employees Association (TNEC-CSEA) has been providing hands-on HAZWOPER and disaster preparedness training to workers throughout the New England region and New York State. TNEC-CSEA works with numerous municipalities throughout the region in the form of 4–6-hour disaster preparedness courses and 2-3-hour online disaster preparedness training for community organizations, volunteers, local public health departments, and citizens. TNEC-CSEA's proposed program consists of a partnership with the Lowell Community Health Center in Lowell, Massachusetts, to train community health workers and community residents on Disaster Preparedness, Infectious Disease Awareness, and CPR/First Aid and a partnership with the Coalition for a Better Acre (CBA) in Lowell, Massachusetts, to support and expand their disaster preparedness and infectious disease training programs for community members, non-profit workers, and CBA's staff. The program also includes an expansion of Massachusetts Coalition for Occupational Safety and Health's (MassCOSH) partnership with the Massachusetts Association of Community Health Workers to provide training and support on disaster preparedness; the program will also continue and expand Mass COSH's disaster preparedness-related training through community partners for vulnerable workers throughout Massachusetts. Courses include 4-hour Disaster Preparedness courses, to be offered asynchronously and in-person/virtual, and 8-hour Disaster Preparedness and 15-hour Disaster Site Worker in-person courses conducted by TNEC New England for community, environmental justice, and volunteer organizations in Massachusetts and Rhode Island.

Grant Recipient	Target Disaster Response Population	Community Locations	Previous Trainings Offered	Existing Community Partnerships
The New England Consortium	<ul style="list-style-type: none"> • Community health workers and educators • Community-based organizations • Tribal organizations • Municipal and public utility workers • Disaster response and cleanup workers • Immigrant communities 	<ul style="list-style-type: none"> • Massachusetts • Rhode Island 	<ul style="list-style-type: none"> • Disaster Preparation • Personal Protective Equipment (PPE) Use • Post-Disaster Cleanup Safety (Muck and Gut) • Emergency Medical Response 	<ul style="list-style-type: none"> • Emergency responders • Medical facilities, • Public utilities • Environment response agencies • State and federal government agencies • Community health care organizations

Sustainable Workplace Alliance (SWA)

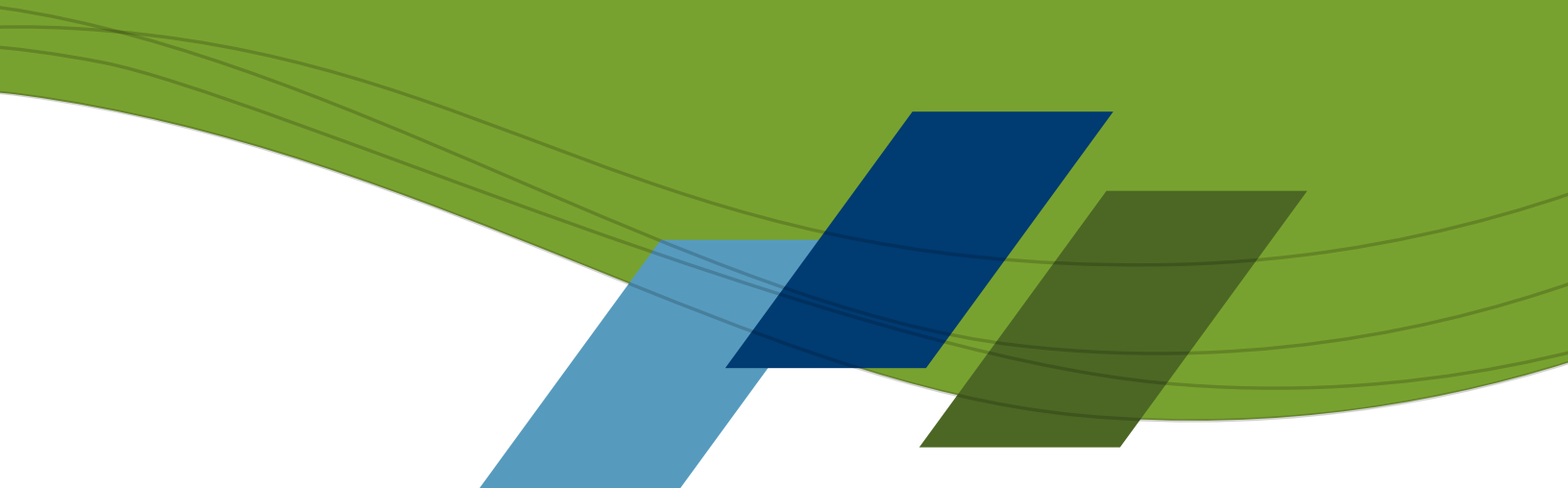
Sustainable Workplace Alliance (SWA) will conduct training for workers and volunteers involved in response and recovery efforts after a declared disaster. The training will ensure workers are aware of physical and health hazards and mitigation techniques prior to and during response activities. Trained workers and community volunteers will understand potential health hazards encountered during remediation work after a disaster including mold, lead paint, and asbestos exposure. Under this project, SWA expects to deliver 56 classes covering 13 topics and 4,699 contact hours. This will provide essential training to a minimum of 564 workers and vulnerable community members. The training topics we will focus on under this project include the following: renovation, repair and painting (lead paint), asbestos awareness, first aid and CPR, hurricane preparedness and response, fall protection, respiratory protection, and psychological first aid, along with OSHA 10-Hour Construction, 7.5-Hour Site Disaster Worker, 15-Hour Site Disaster Worker training courses. The overarching goal of this project is to reduce injuries and illnesses to workers when performing remediation, demolition, and rebuilding work as a result of a disaster. This project will include program assessment with the following goals: evaluate the model plan for treating mold damage and challenges faced due to unique construction methods and materials used in Puerto Rico; determine the effectiveness of SWA's outreach is to workers and community members; identify additional best practices during a disaster and response; and identify language justice issues that can help foster improvement in disaster preparation and recovery communications. These trainings and outreach will be delivered in Puerto Rico, Florida, and Hawaii based on declared disasters in those locations.

Grant Recipient	Target Disaster Response Population	Community Locations	Previous Trainings Offered	Existing Community Partnerships
<p>Sustainable Workplace Alliance</p>	<ul style="list-style-type: none"> Disadvantaged communities 	<ul style="list-style-type: none"> Puerto Rico Florida Hawaii 	<ul style="list-style-type: none"> Delivering HAZMAT Pacific, Atlantic and Caribbean Training 	<ul style="list-style-type: none"> Metro Emergency Response Team (MERT) in Puerto Rico Private businesses Community-based non-profits Government agencies

Western Region Universities Consortium (WRUC)

The overall goal of this Western Region Universities Consortium (WRUC) supplement is to increase the knowledge and skills of Tribal emergency responders, day laborers, and migrant workers engaged in response and recovery efforts related to recent major environmental disasters in the western region of the U.S. WRUC’s approach leverages existing relationships and infrastructure to quickly roll out training resources, both in response to recent severe storms and floods and in preparation for future disaster events. Under this initiative, WRUC will partner with the Northwest Tribal Emergency Management Council (NWTEMC), the National Day Laborer Organizing Network (NDLON), and several California-based organizations to extend needed training resources to these impacted communities and worker populations. Proposed activities include training for Tribal emergency responders provided as part of NWTEMC’s annual conference and in support of a planned 2024 multistate Tribal-led NWTEMC simulation exercise; Training-of-Trainers for staff and worker-leaders from NDLON and other trusted worker and community organizations with access to day laborers and migrant disaster workers in Washington State and California; and a regional partner workshop on Disaster Resilience for Climate-Vulnerable Populations to share lessons learned and to identify future climate disaster response and resiliency needs. These activities expand on the core objective of WRUC’s parent grant to expand disaster preparedness and emergency response capacity in the western region. Total projected training over the two-year funding period covers 71 courses, 1,283 trainees, and 4,810 contact hours.

Grant Recipient	Target Disaster Response Population	Community Locations	Previous Trainings Offered	Existing Community Partnerships
Western Region Universities Consortium	<ul style="list-style-type: none"> • Tribal emergency responders • Day laborers • Other migrant workers 	<ul style="list-style-type: none"> • Pacific Northwest • Alaska • Northern California • Los Angeles County, California • Santa Cruz, California • Santa Rosa, California • Seattle, Washington 	<ul style="list-style-type: none"> • Disaster Preparedness • Emergency Response 	<ul style="list-style-type: none"> • National Tribal Emergency Management Council • The National Day Laborer Organizing Network • Regional Disaster Response Hub Network



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