

# NIEHS WTP FY 2022 Operational Matrix

Red=Jan-Aug 2020; Green=Year 2; Blue=5-Year

	2022	2023	2025	2022	2023	2025	2022	2023	2025
Activity	Awardees			WTP			Clearinghouse		
<b>Goal 1: Improved Safety Culture in the Workplace</b>									
<b>1a. Increased worker empowerment</b>									
Train workers on worker (labor) rights, including wage and hour; particularly in Recovery Centers and ECWTP; explore metrics to include in progress reports under trainer development	A	AE		*	*	*			
Increase diversity and inclusion training in programs; discuss DEI during workshops and other meetings; explore metrics to include this in progress reports	A	AE	AE	AE	AE	AE	*	*	*
<b>1b. Trained workers who can identify workplace hazards</b>									
Continue to develop and disseminate information on COVID-19 and the vaccines	AE			AE			AE		
<b>1c. Trained workers who understand how to take action</b>									
Train workers and employers on the importance of meaningful worker involvement in safety and health programs	AE	AE	AE						
Train workers to advocate for protections from the highest level of the hierarchy of controls, include focus on DOE	A	AE	AE	*	*	*			
Develop/update materials around climate related disasters such as wildfires, floods, tornadoes	*	*	*	*	*	*	AE	AE	AE
<b>1d. Safer company practices and policies</b>									
Promote and provide Opioids and the Workplace Leadership course; <i>develop webinar series around substance use disorders (SUD) and the workplace</i> , develop module or course on the impact of COVID-19 on those with substance use disorders	*			*			AE		
Advocate for diversity and inclusion training for managers and supervisors for all programs	A	AE	AE	*	*	*	*	*	*
Encourage employers to implement protections at the highest level of the hierarchy of controls for all programs	AE	AE	AE	*	*	*	*	*	*
<b>Goal 2: Reduced Morbidity and Mortality</b>									
<b>2a. Improved policies and regulations/ Improved enforcement of health and safety practice/policy/regulation</b>									
Increase vaccine literacy for trainers	AE			*			*		
Bring an occupational health disparities lens to all safety and health training activities in all programs	AE	AE	AE	AE	AE	AE	AE	AE	AE
Develop materials and provide training related to COVID-19 and all infectious diseases	AE			*			AE		
<i>Provide comments on the proposed heat standard when one is issued</i>	A			*			*		
<b>2b. Updated policy and regulation</b>									
Increase the levels of protection we're providing/recommending (encourage more than just PPE)	AE	AE		*	*		*	*	
Increase caches of PPE within programs in preparation for in-person training	AE	AE		*	*				
<b>Goal 3: Reduced Occupational Health Disparities/Increased Protection and Remediation of Communities</b>									
<b>3a. Increased job opportunities/increased links between workers, workplace, and communities</b>									
<i>Focus on stakeholder engagement activities for Justice40 disadvantaged communities impacted by disasters</i>	*	*	*	AE	AE	AE	AE	AE	AE
<i>Promote and engage other agencies to expand reach of the EJ and Natural Disaster report and implement next steps</i>	*	*	*	AE			AE		
<i>Update the climate vulnerability assessment</i>	*			*			AE		
<i>Report on what should be done to address impacts of urban flooding on worker safety and health</i>	AE			*			AE		
Consider partnering with the National Association of City and County Health Officials (NACCHO)				A			A		
Conduct outreach to and collaboration with local/state gov't, tribal communities and contractors	AE	AE	AE	*	*	*	*	*	*
<b>3b. Increased grantee knowledge base</b>									
Plan for spring 2023 Trainers Exchange	*	AE		AE	AE		AE	AE	
Reinforce the fundamentals of managing a worker training program and program history at upcoming awardee meetings and workshops	*	*		AE	AE		*	*	
<b>3c. Improved capacities to effectively train, evaluate, communicate, collaborate, build/sustain partnerships, and accomplish WTP goals</b>									
<i>Finalize and implement the communication plan</i>	*	*	*	AE	AE	AE	AE	AE	AE
Create partnerships with DOL and NIOSH around opioids	*	*		A	*		AE	AE	
Foster outreach and community engagement on disasters	AE			AE			*	*	
Strengthen partnerships with CDC/NIOSH and OSHA	*	*		D	AE		D	AE	
Continue partnerships with EPA around Environmental Justice and training issues	*	*	*	AE	AE	AE	*	*	*
Greater focus on trainer development (including embracing new platforms and technologies) and support	AE	AE		*	*		*	*	
Increase collaborations between the DOE and ECWT programs as related to Justice40	A	D	AE	A	D	AE	*	*	*
Integrate content on substance use prevention and mental health into all training programs	D	AE	AE	*	*	*	*	*	*
Increase grantee collaborations for disaster preparedness efforts, including climate change and equity	D	AE	AE	D	AE		*	*	
<b>Goal 4: A Sustainable Program Based in Science and that Incorporates Current Technologies and Promotes Innovation in all Aspects of its Mission</b>									
<b>4a. Appropriate levels of funding</b>									
Continue developing success stories and state profiles using data visualization	*	*		AE	AE	AE	AE	AE	AE
Include themes of return on investment (economic impact) in success stories and briefing materials	*	*	*	D	AE	AE	D	AE	AE
<b>4b. Use of current technologies in training</b>									
Explore ways to adapt and augment certain elements of training using technology	AE	AE	AE	AE	AE	AE	*	*	*
Continue to share best practices in virtual learning (Write an SBIR success story)	AE	AE		*	*		AE	AE	
<b>4c. Promotion of innovation through research and grants</b>									
Share lessons learned on innovations in training in response to COVID-19	AE	AE		AE	AE		AE	AE	
<i>Develop a researcher's disaster health and safety training tool</i>				*			D		
<b>4d. Science-based activities</b>									
Encourage grantees to publish in peer-reviewed journals and grey literature; and get stories written up on their programs	*			AE			AE		
Document results of lessons learned from COVID-19 and other infectious disease work	AE			AE			AE		
Revisit the WTP logic model, add economic impact	*	*		A	AE		A	AE	
Participate in planning and execution of the DR2-Univ. of WA workshop (August 9-11, 2022)	AE			AE			AE		
Participate in DR2 EHS Network calls	AE	AE	AE	AE	AE	AE	AE	AE	AE
A= Aspirational, D= Developmental, AE= Active Engagement, C = Complete									
A, D, or AE - Lead Organization; *- Organizational awareness/involvement									
DR2 - Disaster Research Response; EHS - Env. Health Science; NRT - National Response Team; HHS - Health and Human Services; Italics indicate a new activity for 2022									

<b>Goal 1: Improved Safety Culture in the Workplace</b>
<b>1a. Increased Worker Empowerment</b>
Objective 1: Identify areas where training can empower workers to promote workplace safety
Objective 2: Educate supervisors of the advantages of empowered workers as they relate to health and safety
<b>1b. Trained Workers Who Can Identify Workplace Hazards</b>
Objective 1: Identify hazard identification competencies for workers
Objective 2: Incorporate hazard identification competencies into all WTP training
Objective 3: Assess hazard identification competencies after training
Objective 4: Work with stakeholders to incorporate hazard identification competencies into their worker training
<b>1c. Trained workers who understand how to take action</b>
Objective 1: Identify mechanisms by which workers may take action to protect themselves from workplace hazards
Objective 2: Include these mechanisms in all WTP training
Objective 3: Assess worker competency in understanding these mechanisms
Objective 4: Collaborate with stakeholders to incorporate these competencies in their training
<b>1d. Safer company practices and policies</b>
Objective 1: Identify company workplace health and safety practices/policies that require revision
Objective 2: Collaborate with stakeholders to develop revisions for improvement
Objective 3: With stakeholders, work with company leadership to revise company health and safety practices/policies
<b>Goal 2: Reduced Morbidity and Mortality</b>
<b>2a. Improved Policies and Regulations/Improved enforcement of health and safety practice/policy/regulation</b>
Objective 1: Identify policies and regulations that require improvement
Objective 2: Collaborate with stakeholders to develop revisions that incorporate recommended improvements
Objective 3: Meet with policy makers/regulators to promote change in policies/regulations
Objective 4: Identify enforcement strategies to be used to improve compliance with practice/policy regulation
Objective 5: Work with stakeholders to incorporate enforcement strategies into company practice
Objective 6: Integrate enforcement strategies into worker empowerment training
Objective 7: Assess effectiveness of enforcement practices at the company level
<b>2c. Updated policy and regulation</b>
Objective 1: Monitor policies/regulations for need of revision
<b>Goal 3: Reduced Occupational Health Disparities/Increased Protection and Remediation of Communities</b>
<b>3a. Increased job opportunities/Increased links between workers, workplace, and communities</b>
Objective 1: Working with community stakeholders, identify job opportunities for hazardous materials workers (Grantees)
Objective 2: Continue funding environmental health/hazardous materials training programs
<b>3b. Increased grantee knowledge base (and supporting and developing trainers)</b>
Objective 1: Identify mechanisms for cross training of grantees
Objective 2: Support grantees by funding cross training experiences
<b>3c. Improved capacities to effectively train, evaluate, communicate, collaborate, build/sustain partnerships, and accomplish WTP goals</b>
Objective 1: Assess strategic stakeholders, opportunities for collaboration in support of WTP programs
Objective 2: Support and provide mechanisms, including websites, to communicate with stakeholders
Objective 3: Develop and implement mechanisms to evaluate WTP program activities
Objective 4: Promote innovative and technologic methodologies to deliver training
<b>Goal 4: A Sustainable Program Based in Science and that Incorporates Current Technologies and Promotes Innovation in all Aspects of its Mission</b>
<b>4a. Appropriate levels of funding</b>
Objective 1: Maintain the base budget to at least current levels
Objective 2: Develop partnerships with other federal organizations to fund joint projects
Objective 3: Work with HHS leadership to compete for supplemental appropriations when available
<b>4b. Use of current technologies in training</b>
Objective 1: Assess and apply current technologies to WTP training programs
Objective 2: Promote training technology development and application in SBIR program
Objective 3: Evaluate benefits of technology in training
<b>4c. Promotion of innovation through research and grants</b>
Objective 1: Identify opportunities to incorporate innovation in WTP training
Objective 2: Use grants and other funding methods to advance innovation in WTP programs
Objective 3: Assess use of innovation in enhancing WTP programs
<b>4d. Science-based activities</b>
Objective 1: Support science-based research activities
Objective 2: Incorporate science-based practices into all WTP programs and training
Objective 3: Collaborate with stakeholders in conducting research related to worker health and safety