

# **WETP 2010 Technical Workshop:**

## **Back to the Basics**

**Worker Education and Training Program**

**National Institute of Environmental Health Sciences**

**October 25, 2010**



**Worker Education and Training Program (WETP) was created in 1986 by the Superfund Amendments and Reauthorization Act of 1986 (SARA), Section 126(g).**

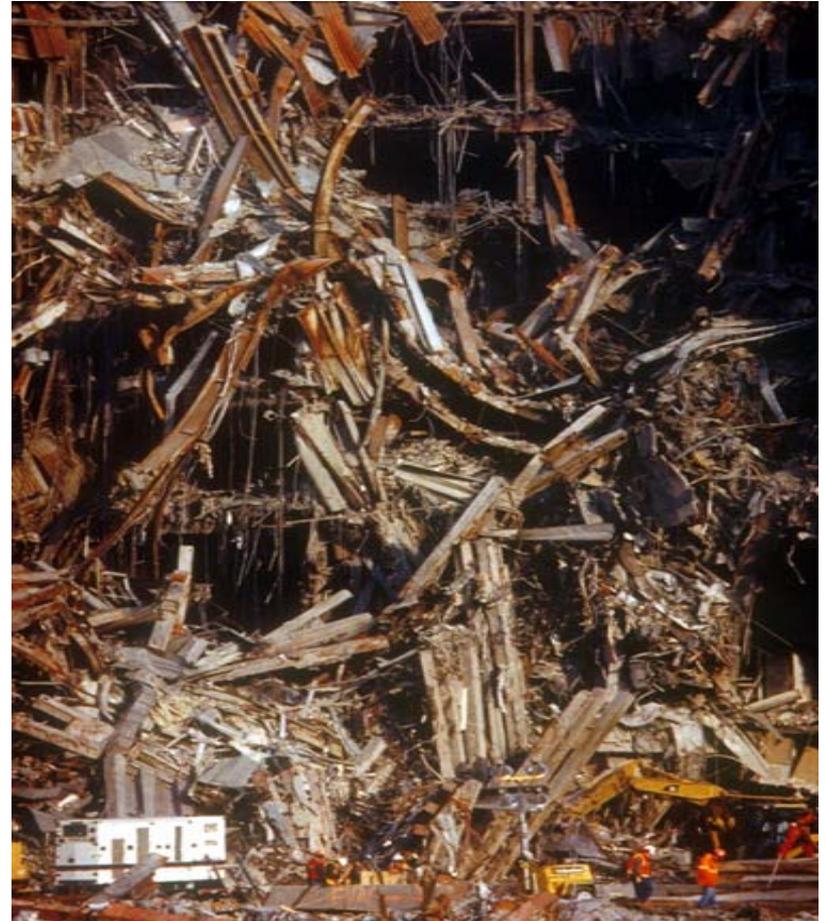
**SARA authorizes a competitive grants program for training in hazardous waste removal, containment, and emergency response to events involving toxic substances.**



## NIEHS Disaster Response to the World Trade Center

Immediate and sustained supplemental funding to support World Trade Center training response efforts:

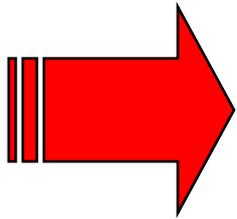
- On-site training for 7,000 response workers
- Provision and fit-testing of respirators
- Worker exposure monitoring
- Responder training course
- Consultation on the site safety plan



## Keeping Workers Safe During Oil Spill Response and Cleanup Operations

Phases of Response: Impact on Safety

**Rescue**



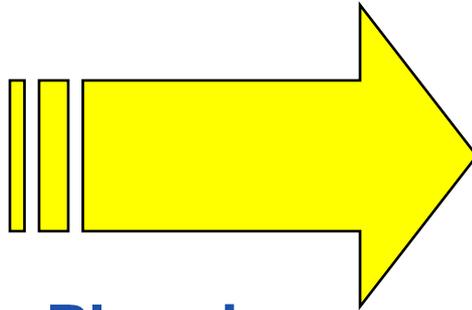
**Chaotic**

**Risk-taking**

**Short**

**Frenetic**

**Recovery**



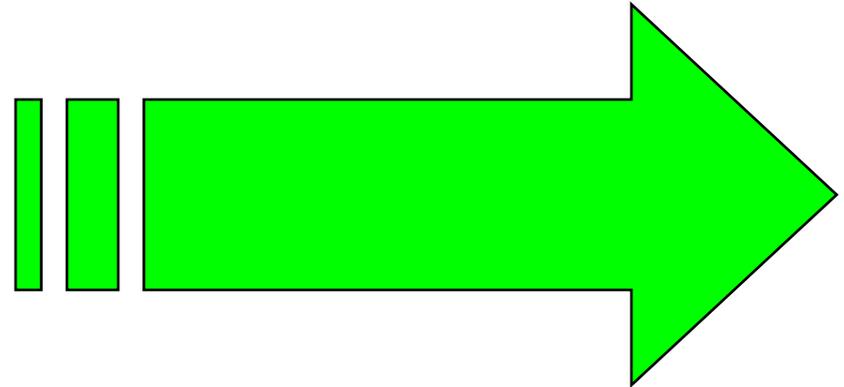
**Planning**

**No risking lives**

**Longer than rescue**

**Paced**

**Clean-up**



**Normal cleanup**

**Risks assessed and  
understood**

## Katrina Field Training of Responders in Mississippi



## NIEHS WETP Spring 2006 Technical Workshop



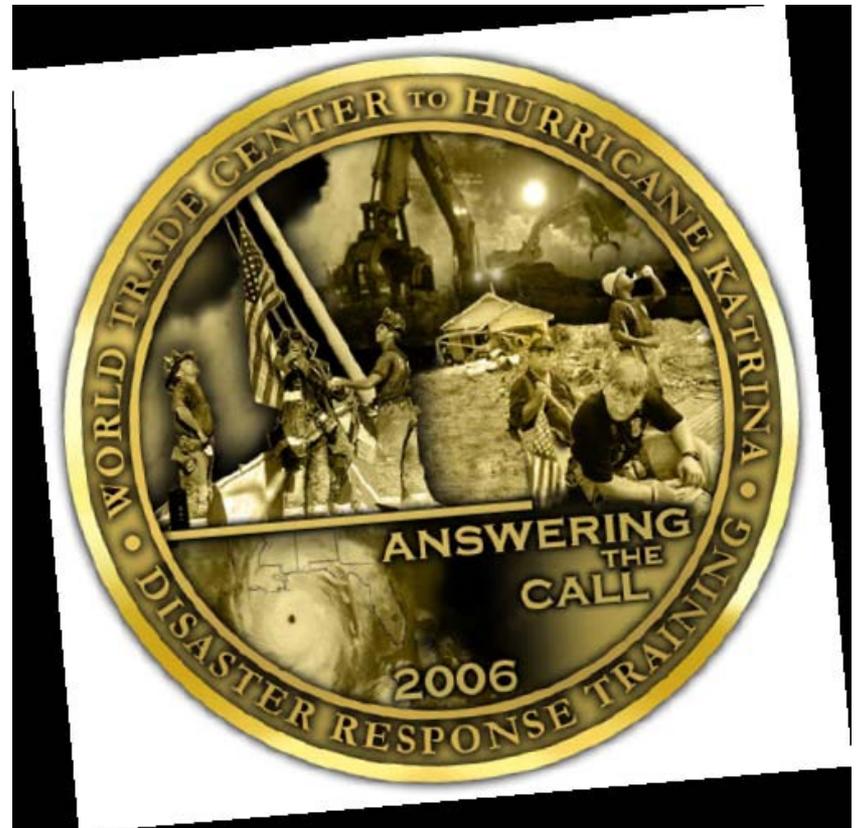
### Learning from Disasters: Katrina Response Safety and Health Training



## Disaster Response Training: From WTC to Katrina- Five Years of Lessons Learned

*September 13-15, 2006 New York, NY*

The 2006 Fall Technical Workshop focused on lessons learned from events of national significance, hence the theme, “Disaster Response Training: From WTC to Katrina- Five Years of Lessons Learned.” The unique character of this conference was that it provided attendees with a combined focus on the experiences from both the World Trade Center terrorist attacks and Hurricane Katrina.

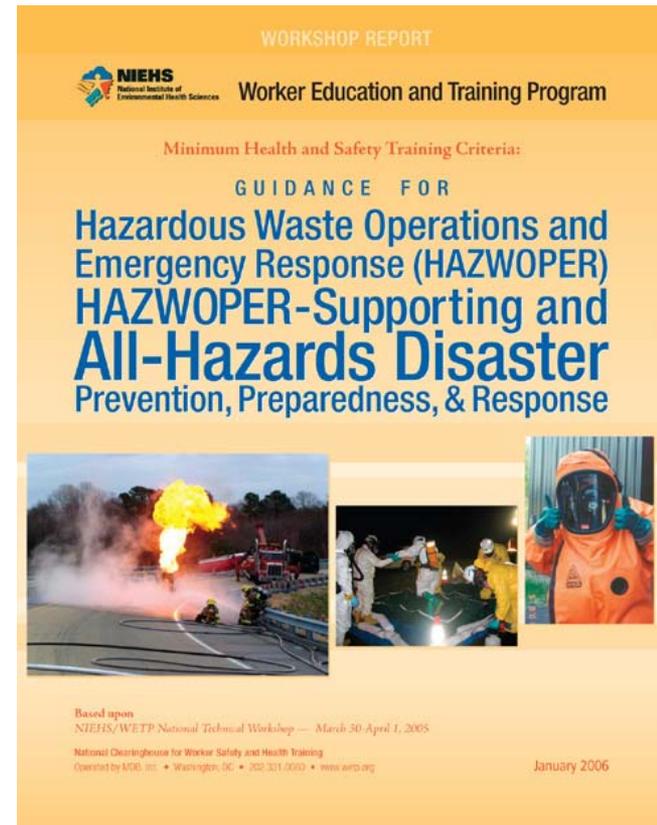


# Final Version of the NIEHS Minimum Health and Safety Training Criteria:

**Guidance for Hazardous Waste Operations and Emergency Response, HAZWOPER- Supporting, and All-Hazards Disaster Prevention, Preparedness and Response**  
*Released January 2006*

**Major changes Include:**

- Advanced training technologies application and integration;
- Requirements for additional training programs to support HAZWOPER work; and
- Post-9/11 all-hazards preparedness training.



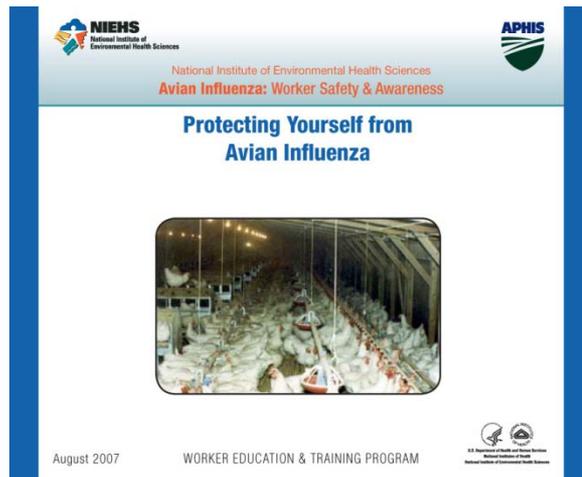
## Protecting Avian Influenza Responders *September 17-19, 2007 Bethesda, MD*

This 2 ½ day meeting had more than 250 participants from a variety of federal, state and local governments as well as private industry, unions and academia.



### Protecting Avian Influenza Responders

SEPTEMBER 16-19, 2007





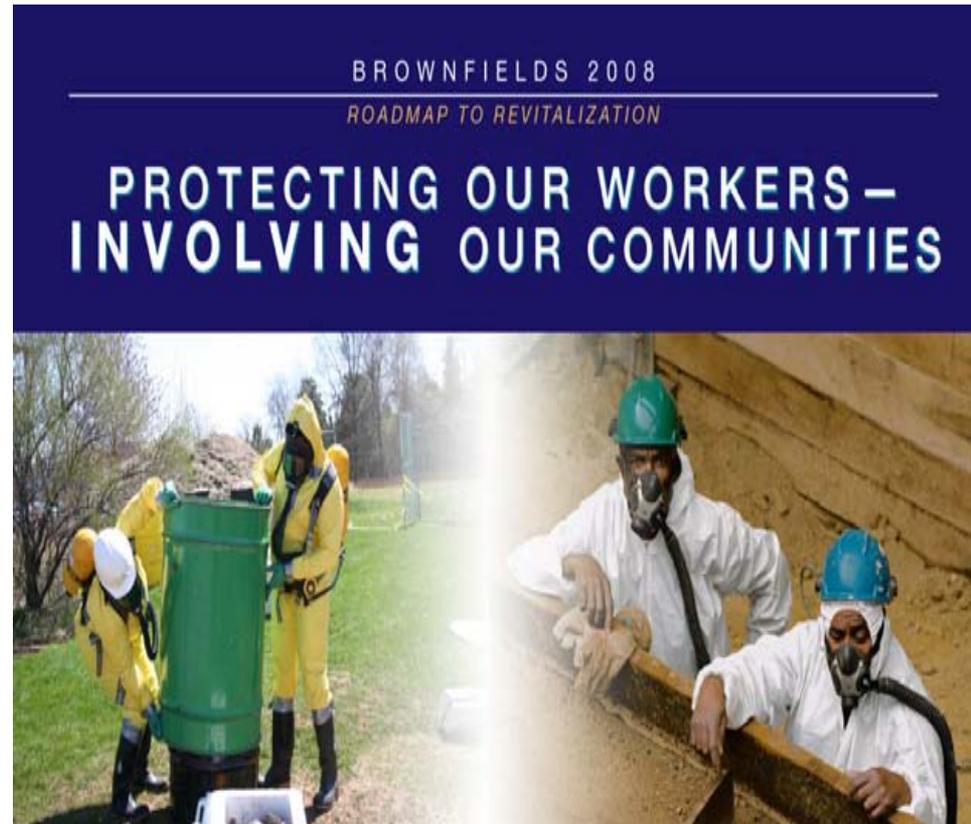
## 2007 NIEHS WETP Trainers Exchange Las Vegas, Nevada



## Brownfields 2008: Roadmap to Revitalization

*May 5-7, 2008 Detroit, MI*

**NIEHS Minority Worker Training Program (MWTP) awardees participated in seven sessions at Brownfields 2008 in Detroit, MI. The conference was the largest, most comprehensive event in the United States, that has focused on cleaning up and redeveloping abandoned, underutilized, and potentially contaminated properties.**



## Worker Safety and Health Training partnerships

Training and Safety and Health in the DOE Complex  
NIEHS/DOE HAZMAT Training Program

**2000 through 2008 and the  
Path Forward for the NIEHS  
DOE Training Program**

July 2010

Prepared by:

**MDB, Inc.**

1101 Connecticut Avenue NW, Suite 550

Washington, DC 20036

t: 202-331-7733 | f: 202-331-0044

www.michoudbakker.com



DOE HSS  
Worker Education and Training Program  
**Briefing on DOE 10 CFR 851  
Worker Health and Safety Rule**  
August 26, 2008 • • Idaho Falls, ID

## 850 WHAT???? NOT ANY MORE

## Weekly E-Newsbrief

October 15, 2010

The E-Newsbrief of the National Clearinghouse is a free weekly newsletter focusing on new developments in the world of worker health and safety. Each issue provides summaries of the latest worker health and safety news from newspapers, magazines, journals, government reports, and the Web, along with links to the original documents. Also featured each week are updates from government agencies that handle hazmat and worker safety issues such as DOE, EPA, OSHA and others.

[Subscribing](#) to the National Clearinghouse Newsbrief is the best way to stay on top of the worker health and safety news.

[HOME](#) | [HEALTH & EDUCATION](#) | [RESEARCH](#) | [FUNDING OPPORTUNITIES](#) | [CAREERS & TRAINING](#) | [NEWS & EVENTS](#) | [ABOUT NIEHS](#)

**Careers and Training**

- [HazMat Safety & Training](#)
- [About Worker Education and Training Program](#)
- [Areas of Training](#)

**Clearinghouse**

- [Curricula Catalog](#)
- [Emergency Preparedness Resources](#)
- [Hazardous Waste Worker Training Issues - Areas of Training](#)
- [Meetings and Workshops](#)
- [Other Links and Resources](#)
- [Workforce Development](#)
- [Funding Opportunities for Worker Training](#)
- [Meetings and Workshops](#)
- [Other Links and Resources](#)
- [What's New](#)

### National Clearinghouse for Worker Safety and Health Training A+ A

**National Clearinghouse QuickFinder**

<a href="#">Curricula Catalog</a>	<a href="#">Nanotechnology</a>	<a href="#">About WETP</a>
<a href="#">Earthquake Preparedness</a>	<a href="#">H1N1 (Swine) Pandemic and Hurricane and Flood</a>	<a href="#">List of WETP Grantees</a>
<a href="#">Preparedness</a>	<a href="#">Avian Influenza Preparedness</a>	<a href="#">ARRA Resources</a>
	<a href="#">Wildfire Preparedness</a>	<a href="#">NIEHS WETP Funded ARRA Projects</a>

[Gulf Coast Oil Spill Emergency Response and Cleanup Information](#)

[Hurricane Preparedness](#)

The National Clearinghouse for Worker Safety and Health Training is the national resource for [hazardous waste worker curricula](#), technical reports, and [weekly news](#) on hazardous materials, waste operations and emergency response. Funded by the National Institute of Environmental Health Sciences' Worker Education and Training Program ([NIEHS WETP](#)), the Clearinghouse provides assistance for NIEHS WETP staff, program grantees, and the general public.

The National Clearinghouse's services include disseminating technical information related to safety and health training development, organizing and documenting [NIEHS WETP meetings and workshops](#), and analyzing research products to enhance and support on-going and new initiatives.

For more information, please view our [Clearinghouse Fact Sheet](#) (179 KB).



**Search Clearinghouse**

**Clearinghouse Information**

- [Current Newsbrief](#)
- [Past Newsbriefs](#)
- [Sign up for Newsbriefs](#)
- [Contact Clearinghouse](#)
- [Meetings and Workshops](#)



**Oil Spills & Health**

NATIONAL LIBRARY OF MEDICINE Get this Widget

**BP Oil Spill EPA Response**

[BP spill home page](#)

[Questions & answers](#)

Data: [Air](#) | [Water](#) | [Sediments](#)

[What you can do](#)

[Submit a technology solution](#)

[Get email updates](#)



Coordinated federal response

Get Widget

**Key Documents**

- [Clearinghouse Fact Sheet](#)

# NIEHS WETP 2008 Fall Workshop: Implications for Safety and Health Training in a Green Economy

*October 15 - 17, 2008 Chapel Hill, NC*  
NIEHS WETP 2008 Fall Conference:  
“Implications for Safety and Health Training in a Green Economy” from October 15-17, 2008 in Chapel Hill, NC brought together over 100 NIEHS and WETP awardee representatives and interested parties to explore issues in the green economy, including: green jobs and industries, green remediation, green chemistry and the safety and health training each area needs.



WETP Fall Awardee Meeting  
and Technical Workshop

## **Implications for Safety and Health Training in a Green Economy**

October 15-17, 2008  
Chapel Hill, NC



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
National Institutes of Health

# Environmental Justice (EJ), Air Quality, Goods Movement and Green Jobs, Evolution and Innovation

January 25-27, 2010 New Orleans, LA  
NIEHS WETP Winter 2010 Conferenc  
“Environmental Justice (EJ), Air Qualit  
Goods Movement and Green Jobs,  
Evolution and Innovation” from Januar  
25-27, 2010 in New Orleans, LA brouc  
together 450 EPA, Dillard University,  
NIEHS and WETP awardee  
representatives and interested parties  
explore new EJ initiatives,  
disproportionate impacts on EJ  
communities, sustainability and green  
jobs, funding and resourcing grass roc...

## 2010 Conference on Environmental Justice, Air Quality, Goods Movement, and Green Jobs: Evolution and Innovation



January 25 – 27, 2010 • Marriott Hotel • New Orleans, LA



"Latino workers face the most dangerous working conditions and the fewest protections."

-OSHA Assistant Secretary David Michaels

"Los trabajadores Latinos trabajan en las condiciones mas peligrosos y con muy pocas protecciones."

## 2010 National Action Summit for Latino Worker Health and Safety

*April 14-15, 2010 Houston, TX*

Nearly a thousand workers, employers, labor leaders, representatives from community and faith-based organizations, consulates and government gathered for two days to seek new and effective ways to improve workers' knowledge of their workplace rights and their ability to exercise those rights.

### National Action Summit for Latino Worker Health and Safety

.....

This reception is made possible by the generous contributions of:

- Laborers' Tri-Funds
- The American Society of Safety Engineers (ASSE)
- American Road & Transportation Builders Association
- CPWR — The Center for Construction Research and Training
- United Steelworkers
- The Construction Safety Council
- The Chicagoland Construction Safety Council
- Zurich



**April 14-15, 2010**  
**Houston, Texas**



Poster session and reception sponsored by NIEHS Worker Education and Training Program

- NIEHS developed oil spill response training tool on April 29, 2010 as the spill expands in the Gulf of Mexico.
- NIEHS Staff begin work with OSHA and NIOSH as part of the Unified Command assessing worker safety issues on May 1st.
- NIEHS deployed staff, subject matter experts and awardees for instructor training and worker protection outreach.



**BP, USCG, OSHA, NIEHS, and NIOSH meet to assess worker protection issues in the BP Incident Command Center in Houma, LA on Tuesday, May 3, 2010.**

- NIEHS, together with OSHA, BP and the Coast Guard, has developed short training courses.
  - Training includes: safe work practices, personal protective equipment, decontamination, heat stress, and other common hazards for cleanup work.
  - As of July 29, per BP, approximately 100,000 people had completed these courses.
- Hazardous Waste Operations & Emergency Response (HAZWOPER) training:
  - 40-hour training for those who will likely have direct contact with oil spill products.
  - More than 1,000 have completed the HAZWOPER training from NIEHS grantees.

Module 2

 NIEHS Oil Spill Cleanup Training Tool 

**Module 2**

Oil Spill Cleanup and Health Concerns



22

WORKER EDUCATION & TRAINING PROGRAM

## NIEHS Oil Spill Responder Training Tool: Key Health and Safety Messages

- Proper training is a key component of a safe response and cleanup.
- The oil and hazardous materials associated with the cleanup can be hazardous to human health.
- The hazards and issues covered in this training tool are dynamic and require vigilance and flexibility.
- The key to a safe response is attention to the safety issues of your work environment.

Over 35,000 guides distributed

Front-line responders, instructors, safety officials

English, Spanish, & Vietnamese

National Institute of Environmental Health Sciences  
Oil Spill Cleanup Initiative

---

**Safety and Health Awareness for  
Oil Spill Cleanup Workers**







U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
National Institutes of Health




OSHA<sup>®</sup> Occupational Safety and Health Administration

National Institute of Environmental Health Sciences  
**Iniciativa de Limpieza del Derrame de Petróleo**

**Seguridad y Concienciación de Salud para  
Trabajadores de Limpieza de Derrames de Petróleo**







U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
National Institutes of Health




OSHA<sup>®</sup> Occupational Safety and Health Administration  
1-800-321-OSHA (6742)

Mayo 2010, v5 OSHA 3391-052010

PROGRAMA DE EDUCACIÓN Y DE CAPACITACIÓN DE LOS TRABAJADORES

NIEHS Oil Spill Cleanup Training Tool 

**HOẠT ĐỘNG TÍCH CỰC ĐỂ DỌN SẠCH  
THẢM HỌA TRẦN DẦU**

Kiến Thức Về Sự An Toàn và Sức Khỏe cho  
Nhân Viên Dọn Sạch Hiện Trường Trần Dầu







U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
National Institutes of Health




OSHA<sup>®</sup> Occupational Safety and Health Administration

Tháng Năm 2010, v4.1 WORKER EDUCATION & TRAINING PROGRAM OSHA 3388-052010

**In remembrance of the eleven Deepwater Horizon drilling rig workers who died at MC252. May they not be forgotten.**

