

National Disaster Preparedness Training Center

OVERVIEW



OWEN SHIEH

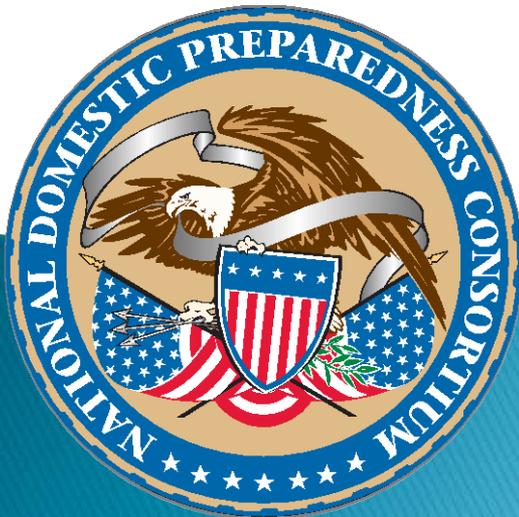
Weather & Climate Program Manager

Tom Bedard

Weather & Climate Program Specialist



FEMA



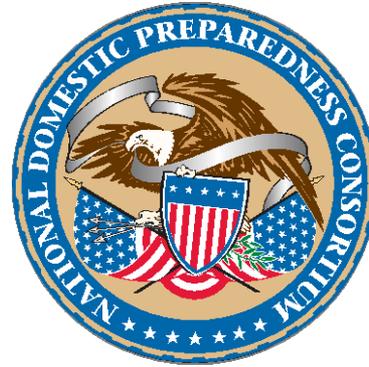
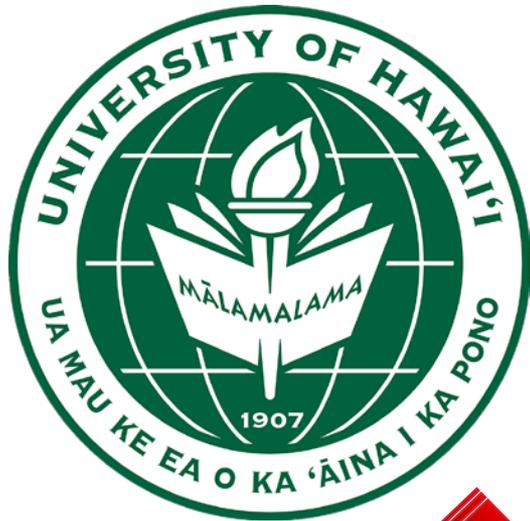
ndptc.hawaii.edu



What is NDPTC?



FEMA



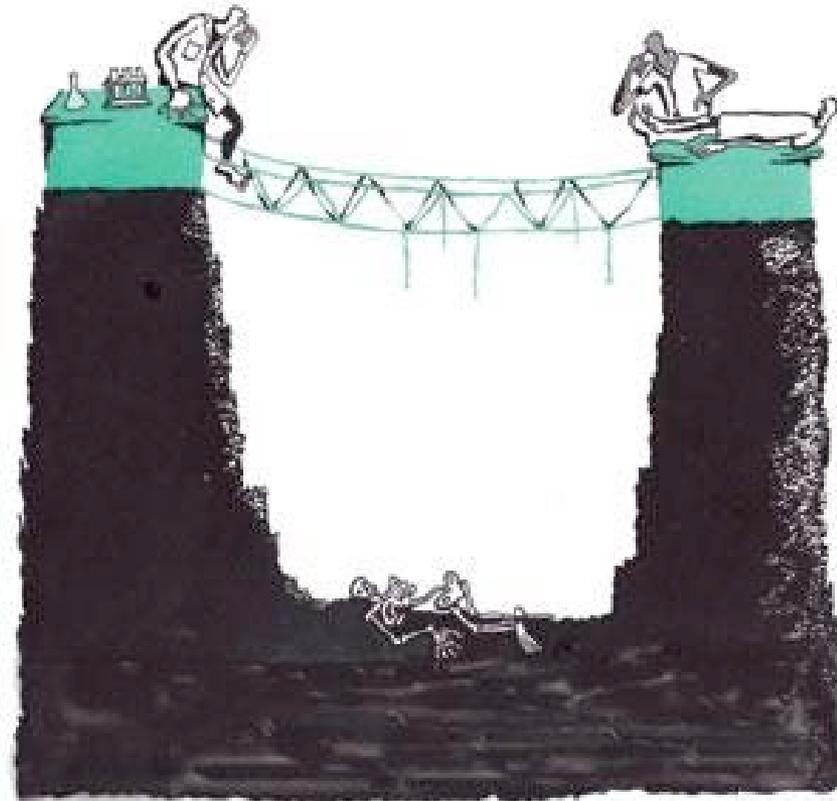
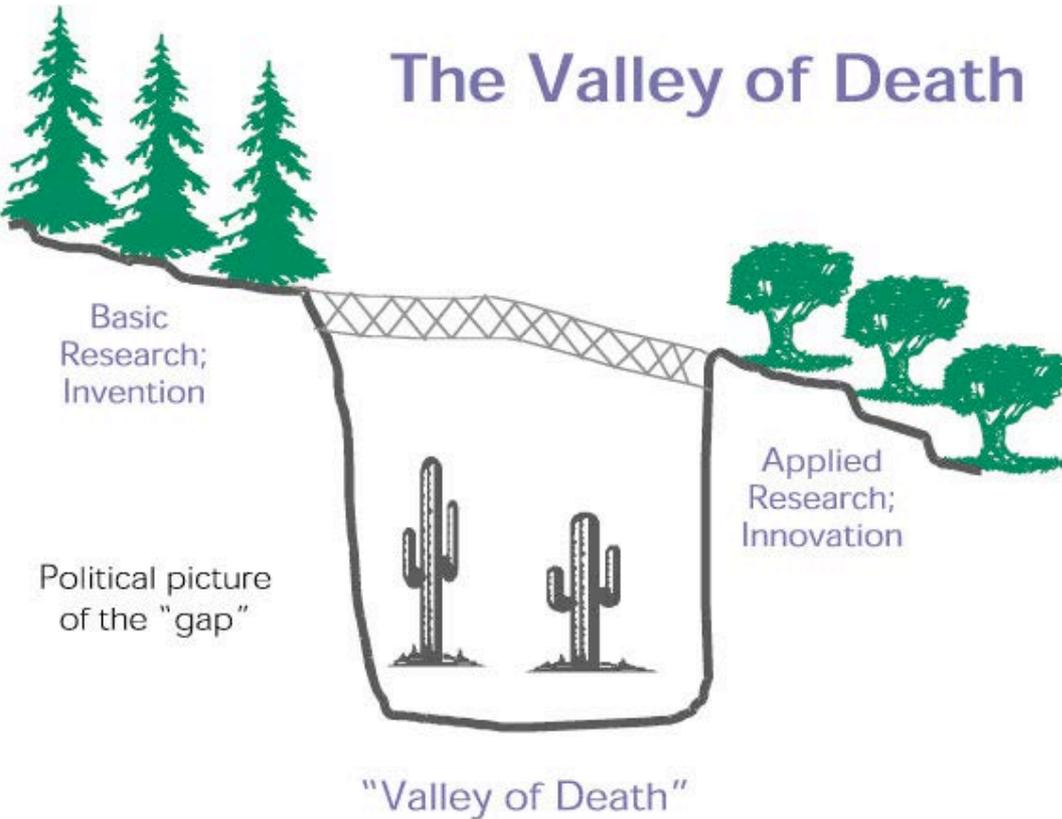
NDPTC's Mission

Uniquely positioned geographically and culturally, the NDPTC works collaboratively to **develop and deliver training** and education in the areas of disaster ***preparedness, response, and recovery*** to governmental, private, tribal, and non-profit entities, and under-represented/under-served communities.



Our Primary Challenge

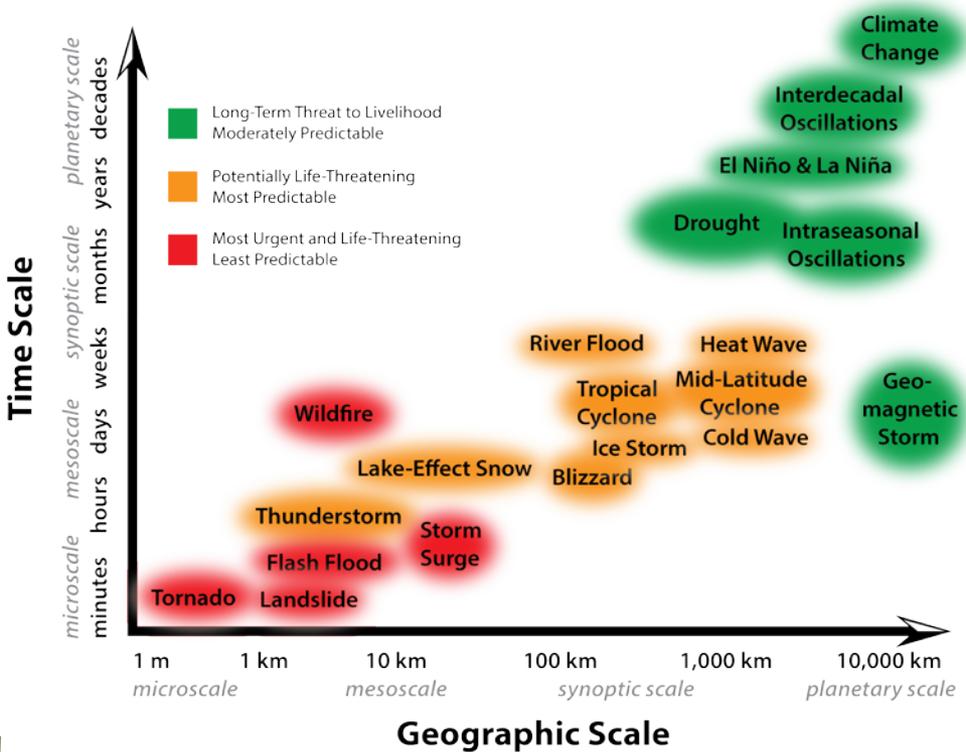
The Valley of Death



<http://www.nature.com/news/2008/080611/images/453840a-i1.0.jpg>

<http://www.atp.nist.gov/eao/gcr02-841/fig3.jpg>

Training Strategy



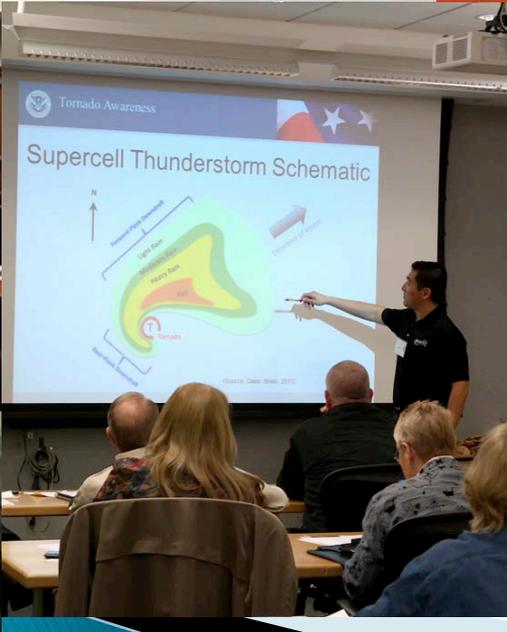
- ▶ Scientific Overview
- ▶ Forecasting Process and Challenges
- ▶ Warning Dissemination
- ▶ Preparedness & Safety
 - Group scenario-based tabletop activities
 - Real vs. Idealized Cases
 - Target Audience



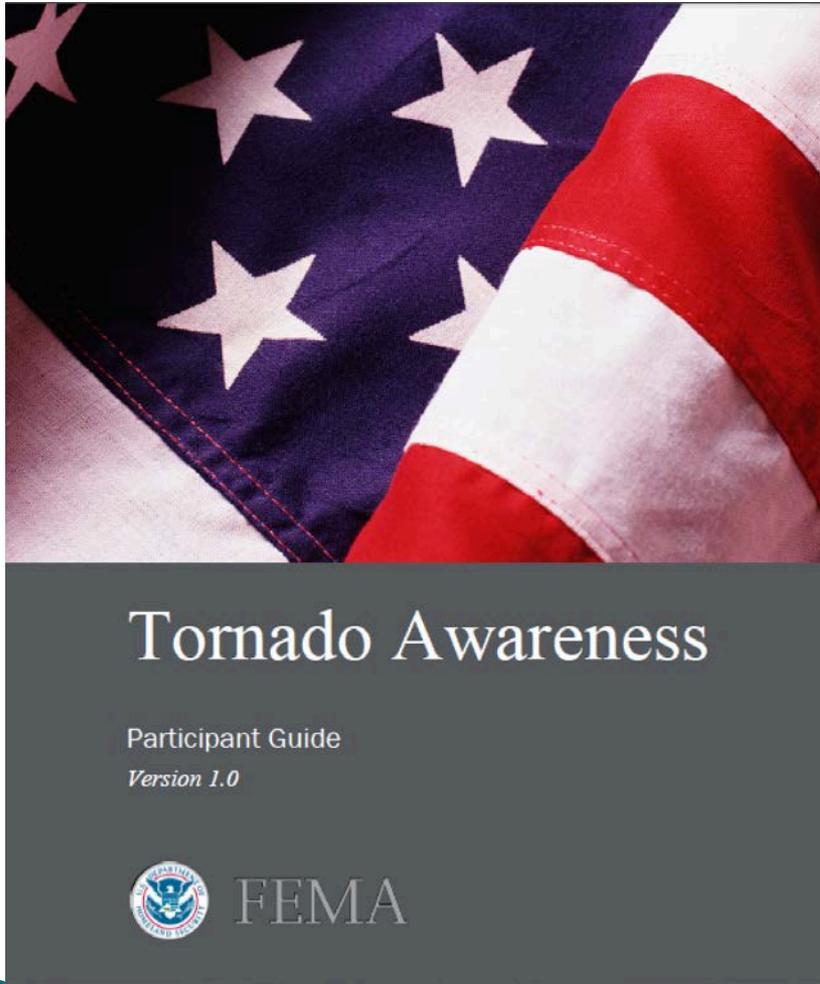
Course Development Process



Mobile Instructor-Led Training



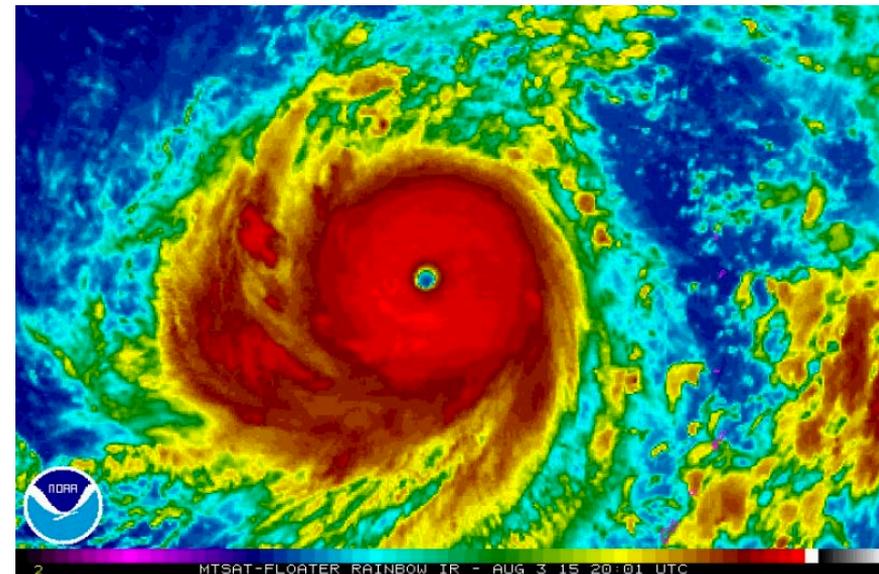
Weather & Climate Training Courses



- ▶ Tornado Awareness (AWR-326)
- ▶ Winter Weather Hazards: Science and Preparedness (AWR-331)
- ▶ Hazardous Weather Preparedness for Campuses (AWR-332)
- ▶ Hurricane Awareness
- ▶ Climate Adaptation Strategies for Emergency Services

Other Hazards Training Topics

- ▶ Tsunamis
- ▶ Volcanoes
- ▶ Coastal Floods
- ▶ Natural Disasters (General)



Community-Based Training Topics

- ▶ Caregivers of Senior Citizens
- ▶ Security Professionals
- ▶ Community Leaders
- ▶ Coastal Communities
- ▶ Emergency Services
- ▶ Academic Campuses

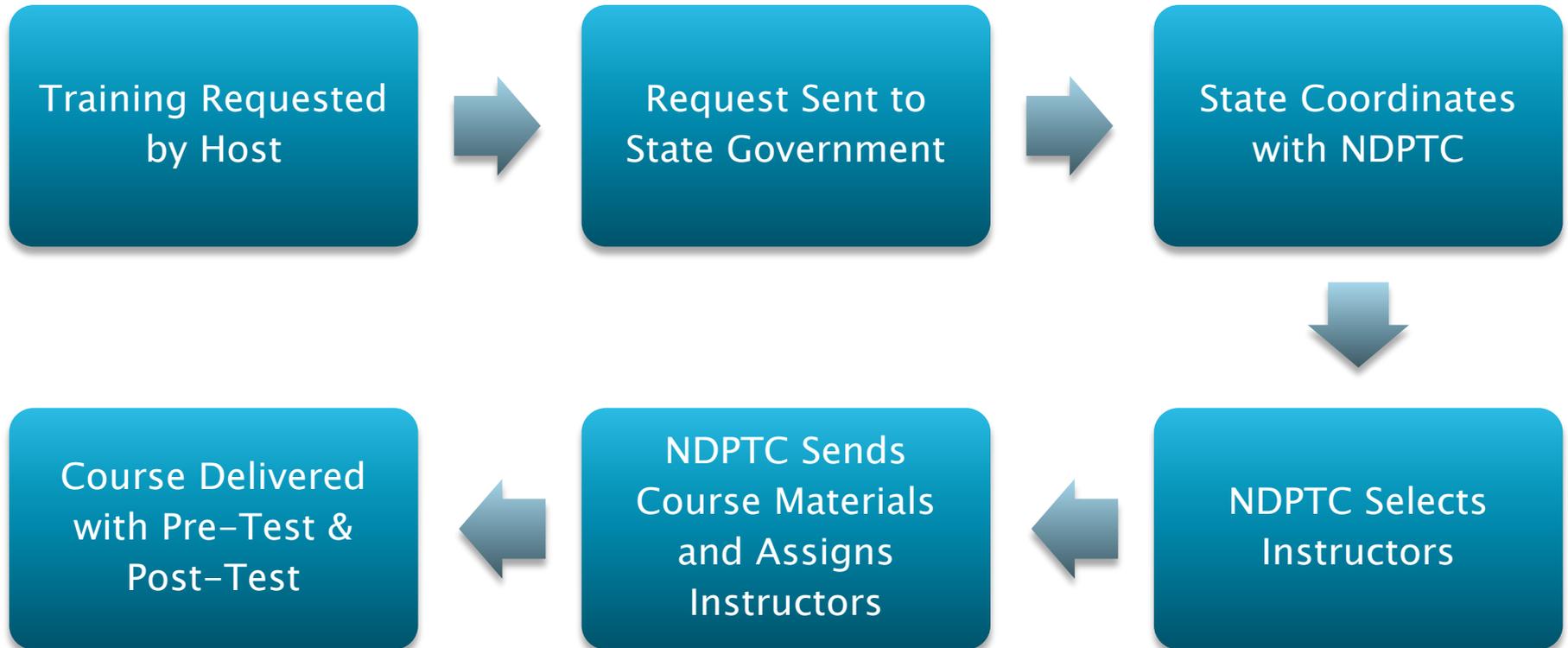


Tool-Based Training Topics

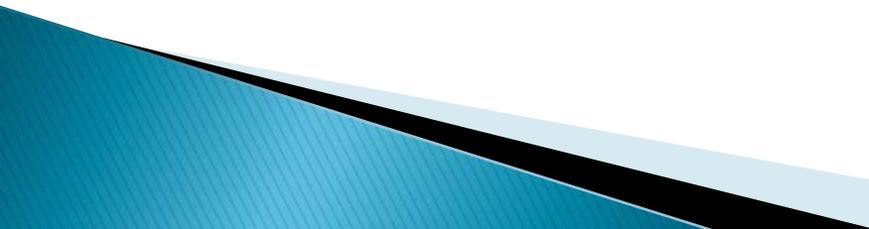
- ▶ Unmanned Aircraft Systems
- ▶ Social Media
- ▶ Resilient Building Design
- ▶ Damage Assessments
- ▶ Disaster Communications
- ▶ Disaster Recovery Strategies



Course Delivery Process



National Weather Service Collaboration

- ▶ Increase hazardous weather awareness in state/local communities through nationally-standardized FEMA training
 - ▶ Provide opportunity for professionals from all sectors to network with each other and NWS
 - ▶ Strengthen ties between state/local EM groups and WFOs & provide consistency of message
 - ▶ Promote SKYWARN and StormReady programs
 - ▶ Support the Weather-Ready Nation initiative
- 

NWS Feedback (Tornado course)

"Tornado awareness and education is so important for anyone who lives in an area where tornadoes happen, especially those charged with making critical decisions in their communities. While some learn about tornadoes in NWS storm spotter training, those classes are often geared toward the more technical aspects of storm observation and reporting and may not reach everyone who needs the information. This new course provides decision makers with the basic facts about tornadoes that will hopefully enable them to do their jobs more effectively."

~Richard Smith
Warning Coordination Meteorologist
National Weather Service WFO
Norman, Oklahoma

NWS Feedback (Winter Weather course)

“Winter weather results in a variety of hazards that can have a dramatic impact across the region. This NDPTC course will provide you with an excellent overview of winter weather challenges, definitions, and a basic technological review of meteorological tools that decision makers can utilize in operations. More importantly, decision makers are encouraged to build those partnerships with your local National Weather Service to facilitate decision support before, during, and after a hazardous winter weather event.”

~Brian Montgomery
Senior Forecaster
National Weather Service WFO
Albany, New York

Future Courses

- ▶ Hazardous Weather Awareness (4-hour)
- ▶ Climate Variability and Change (4-hour)

Continuing NWS Integration

- ▶ Bridge national & local training infrastructure
- ▶ Ongoing outreach with Regional HQs
- ▶ Certifying NWS forecasts are instructors
- ▶ Add value to existing training programs
 - Comprehensive manuals for instructors & participants
 - Support from WCMs who have attended courses

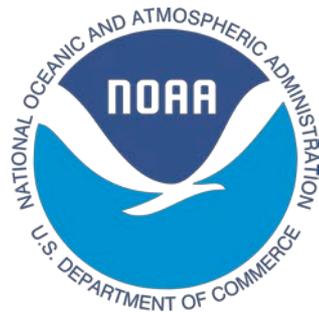
Weather-Ready Nation Symposium & NDPTC Training Week



- ▶ **Location:** Norman, OK
- ▶ **Symposium:** 22 Feb 2016
- ▶ **Speakers:** government, private sector, broadcast, academia
- ▶ **Training:** 23–26 Feb 2016



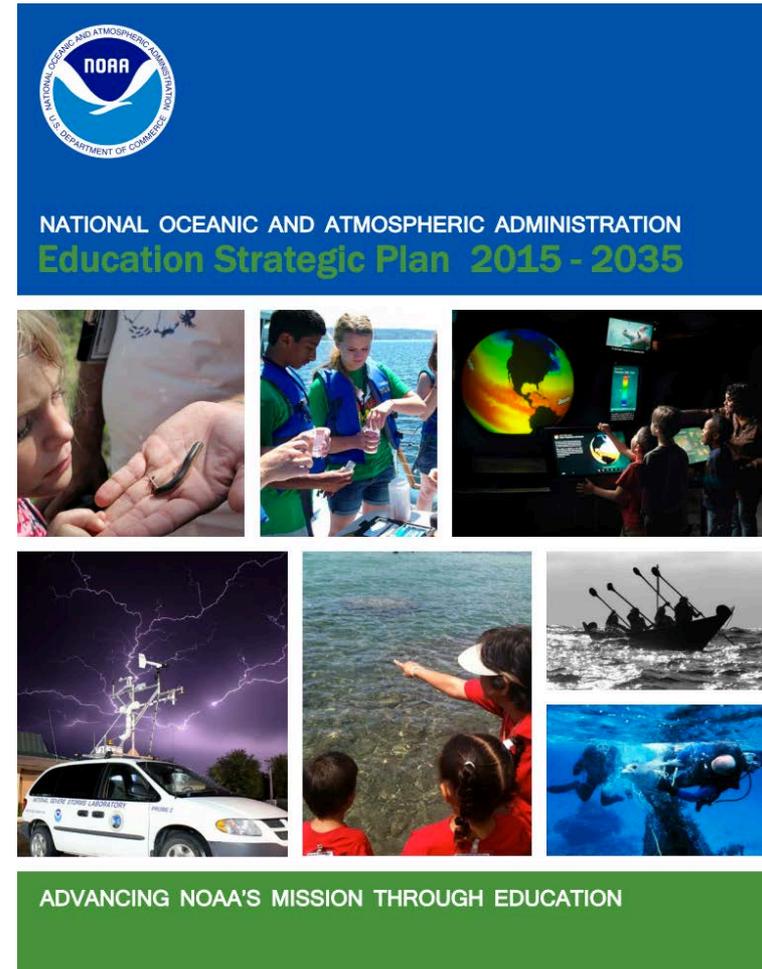
FEMA



<http://wrnbywdt0216.eventbrite.com/>

Ed Council Strategic Plan '15-'35

- ▶ “Goal 3: Science and Preparedness” aligns with NDPTC Mission
 - Opportunities for...
 - Emergency management and private sector partnership
 - Consistent hazard-based training and education across sectors
 - FEMA-funded training course delivery



Collaboration with Ed Council

▶ Upcoming Priorities:

1. Support NDPTC/FEMA training course deliveries.
 2. Provide SMEs or External Review for NDPTC/FEMA course development projects (both new courses and re-certifications).
 3. Participate in and possibly co-host upcoming Weather-Ready Nation Symposiums.
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Questions?

OWEN SHIEH

Weather & Climate Program Manager

E-mail: Owen.H.Shieh@noaa.gov

Phone: 808-725-5225

TOM BEDARD

Weather & Climate Program Specialist

E-mail: Tom.Bedard@noaa.gov

Web: <http://ndptc.hawaii.edu>

