

Climate Change and Equitable Disaster Response Trainings

About the National Center for Disaster Preparedness (NCDP)

The National Center for Disaster Preparedness (NCDP), Columbia Climate School, at Columbia University has been awarded U.S. Federal Emergency Management Agency (FEMA) grants since 2016. These programs have focused on post-disaster economic and housing recovery, mass care community sheltering and relocation assistance, and pandemic preparedness and response and have highlighted best practices and lessons learned for emergency managers, community groups, and the general public.

With the increased impacts of climate change, we can expect to see more extreme disasters due to more extreme hazards as well as growing vulnerability to those hazards. As with other disasters, historically underserved communities are disproportionately at risk. As part of broader federal efforts to mitigate and adapt to climatological challenges, in 2022, NCDP was awarded an additional three-year training grant to create a national curriculum on climate resilience with a focus on equity for today's state, local, tribal, and territorial emergency managers.

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These trainings are designed to help emergency managers and the whole community learn about climate change, its impacts, and its effects on underserved populations. All trainings are in development and are coming soon.

AWR-433-W: Climate Literacy for Emergency Managers

This awareness-level, asynchronous web-based training will provide participants with a general overview of climate change and how it relates to emergency management. The course will review the root causes of climate change and will address the impacts of climate change on communities. Additionally, risk communication messaging strategies around climate change will be shared.

Modules Include:

- Introduction to Climate Change
- Identifying Climate-Driven Hazards in the Community
- Climate Risk Communication



PER-419-V: Understanding Climate Change and Social Vulnerability for Disaster Management

This performance-level, live virtual training will give participants an overview of climate change and its impact on disaster management and vulnerable populations. This course will review available tools, such as the Climate and Economic Justice Screening Tool, and discuss how to incorporate them into emergency plans. Participants will also learn how to incorporate equity in emergency planning. The course will review case studies of previous disasters and look at best practices from these events.

Modules Include:

- Climate Change and Community Resilience
- Tools to Identify Social Disparities
- Equity in Emergency Planning

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PER-420: Understanding Climate Risk - Hazard, Vulnerability, and Community Resilience

This performance-level, instructor-led training will provide participants with an overview of climate change and community resilience. This course will review available tools, such as the Resilience Analysis and Planning Tool (RAPT) and the National Risk Index (NRI). It will describe how to use these tools to inform planning. Case studies and scenarios will be presented for learners to understand lessons learned regarding preparation for supply chain management in a changing climate.

Modules Include:

- Understanding Climate Models
- Using Climate Models to Identify Threats and Hazards
- Planning for Community Resilience

MGT-491-S: Climate Change Risks for Underserved Populations

This four-hour workshop/seminar will provide emergency managers with important information regarding climate change and the effect it could have on underserved populations after major disasters. The workshop will focus on equity in emergency planning and ensuring that underserved populations are included in the planning process.

Modules Include:

- Identifying Underserved and Vulnerable Populations in the Community
- Equity in Emergency Management
- Climate Change and Community Resilience

FOR MORE INFORMATION
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