RESILIENCE AMERICORPS

Resilience AmeriCorps Academy

Summary of Federal Tools and Resources

Overview

As part of the AmeriCorps Resilience Academy, a Federal Resilience Resource Fair will provide an opportunity for federal agencies to demonstrate their community resilience resources, tools, and training to the VISTA members and their host cities. The objective of the Resource Fair is to familiarize VISTAs and their supervisors with agency resources that will support and enhance the members' ability to plan and implement their specific city projects. The Fair will also provide a valuable opportunity for federal agencies to raise awareness of their tools and resources so that VISTA cities can in turn provide user feedback over the course of the program.

Each participating agency has provided a summary of the tools and resources that they will present at the fair in addition to a list of any relevant Regional Points of Contact (POC) for the agency. Summaries in this packet include tools and resources from the following agencies:

- US Department of Housing and Urban Development (HUD)
- US National Institute of Standards and Technology (NIST)
- US Global Change Research Program (US GCRP)
- National Oceanic and Atmospheric Administration (NOAA)
- US Department of Energy (DOE)
- US Environmental Protection Agency (EPA)
- US Army Corps of Engineers (USACE)
- US Geological Survey (USGS)
- US Department of Agriculture (USDA)
- Federal Emergency Management Agency (FEMA)

U.S. Department of Housing and Urban Development (HUD)

Representatives:
Lynsey Johnson

Name and very brief description of the tool or resource to be demonstrated:
Each year, the Department invests billions of dollars to create strong, sustainable, inclusive communities and quality affordable homes for all. Many of these existing programs can be leveraged by cities to create more resilient outcomes, particularly for low- income persons. This includes the Community Development Block Grant, Section 203(k) mortgage insurance, Section 108 loans, and various multifamily housing programs. In addition, through the Sustainable Communities Initiative, the Department has strengthened regional networks to foster increased prosperity and economic opportunity in several of the selected cities. Lastly, while still under review, the Department will make nearly $1 billion in Disaster Recovery grants through the National Disaster Resilience Competition.

Web URL:
http://www.HUD.gov/resilience

Category the tool/resource best addresses

INCREASED UNDERSTANDING
- What is working and where there are challenges or gaps in resilience activities

PLAN and IMPLEMENT
- Development of resilience plans
- Climate resilience strategies

ENGAGE and BUILD NETWORKS
- Facilitating stakeholder engagement
- Citizen volunteers and volunteers' networks
- Regional networks

How the tool addresses the categories you selected above:

Community Development Block Grant – Flexible grants made to states and units of general local government that must primarily benefit low- and moderate-income individual.

Section 108 – Loans made to states and units of general local government for economic development activities that must primarily benefit low- and moderate-income individual.

Section 203(k) - The Section 203(k) program is the Department's primary program for the rehab and repair of existing single-family properties. Section 203(k) is a mortgage insurance product offered by the Federal Housing Administration. Insured loans can be used 1) to purchase a dwelling and the land and rehabilitate it, 2) to purchase a dwelling on another site, move it to a new foundation and rehabilitate it, and 3) to refinance existing liens secured against the property and rehabilitate it. These loan products can be used for hazard mitigation of single-family homes throughout the United States. Potential hazards to address include: flood, seismic, wildfire, and wind.

Sustainable Communities Initiative

- Denver: SCI supported the Denver Regional Council of Governments ($4.5 million Regional Planning grant) to leverage the planned $7.4 billion expansion of the FasTracks transit system – supporting greatly expanded community engagement with some of the region's most effective outreach partners (FRESC, Transit Alliance). Grants specifically funded work around three rail lines: Gold, East, and Northwest Rail (Commuter Rail and US 36 BRT). As a result of this work, DRCOG integrated housing needs and issues into its traditional transportation-focused analysis in a way unprecedented in previous planning. Grants also funded the development of Denver's Equity Atlas. The City and County of Denver Community Planning and Development Department used HUD Community Challenge Planning Grant funding, as well as DOT TIGER II grant funding, to coordinate the Denver Livability Partnership. The goal of the initiative was to expand permanent affordable housing, improve access to jobs, and create better multimodal connectivity along Denver's expanding transit corridors, specifically on the new west light rail corridor to transform Denver's disinvested west side into livable, transit-oriented neighborhoods.

- Chicago: As part of the Local Technical Assistance program, CMAP initiated several projects which employed green infrastructure as part of their planning and policy recommendations. One of CMAP's main goals, as a regional entity, was to encourage watershed-wide planning. As such, they funded and provided technical assistance to several watershed planning projects.

- New Orleans: New Orleans' HUD Community Challenge grant-funded Livable Claiborne Communities Initiative wove green infrastructure prominently into its comprehensive corridor strategy in order to address future flood risks. The city is also one of the Rockefeller 100 Resilient Cities. The City of New Orleans used HUD Community Challenge Planning Grant funding, as well as DOT TIGER II grant funding, to lead the Livable Claiborne Communities initiative. The project study area, in the core of New Orleans, is divided by Interstate I-10 and the Pontchartrain Expressway, which separates uptown neighborhoods from downtown. Recent public capital improvements and public private commitments have produced investments in housing, two new hospitals, schools, community centers, libraries, a signature greenway and park, and streetscape improvements. Given these investments, the project explored ways to increase job opportunities and prosperity, increase affordable housing, improve transportation connections, and to find sustainable solutions to the flooding challenges of New Orleans along the Claiborne corridor.

- Phoenix: The City of Phoenix is incorporating green infrastructure standards and classifications for the five TOD area plans as a model for future green infrastructure development in greater Phoenix. The main drivers for addressing green infrastructure are the high daytime temperatures (urban heat island effect), insufficient tree canopy and green space (particularly in lower income areas), and an expensive development-inhibiting stormwater retention standard. Stakeholder feedback was instrumental in deciding to use green systems for improved health, mobility, and water conservation efforts.

- Pittsburgh: Planning for the HUD Community Challenge grant and DOT TIGER II Planning Grant-funded Allegheny Riverfront Green Boulevard is based on goals for regenerative development and functional ecology laid out in the Allegheny Riverfront Vision Plan. These goals are focused on creation of a riverfront that supports a high quality of life for the residents of Pittsburgh. The

final plan will include creation of a new riverfront open space system with access points to the river, habitat and ecological enhancements, new community open space amenities, riverbank stabilization and stormwater technologies. The Allegheny Riverfront Green Boulevard project is focused on five core tasks: establishing a rail-with-trail green boulevard that would accommodate existing Allegheny Valley Railroad freight along with regional passenger rail use; station area planning around these proposed rail station areas; creation of a new riverfront open space system with access points, habitat and ecological enhancements, and riverbank stabilization.

Federal Renewable Energy Target – The Department provides limited technical assistance to multifamily building owners and operators of HUD-subsidized housing to install on-site renewable energy technology.

List of Regional POCs

City Project	Regional POC Name	Regional POC E-Mail
Anchorage, AK	Coleen Bickford	AK_Webmanager@hud.gov
Boulder, CO	Rick Garcia	CO_Webmanager@hud.gov
Chicago, IL	Antonio Riley	IL_Webmanager@hud.gov
El Paso, TX	Tammye Treviño	TX_Webmanager@hud.gov
Minot, ND	Joel Manske	ND_Webmanager@hud.gov
New Orleans, LA	Earl Randall	LA_Webmanager@hud.gov
Norfolk, VA	Carrie Schmidt	VA_Webmanager@hud.gov
Phoenix, AZ	Stephanie Smelnick	AZ_Webmanager@hud.gov
Pittsburgh, PA	Jane Miller	PA_Webmanager@hud.gov
Tulsa, OK	Sharon Gordon-Ribeiro	OK_Webmanager@hud.gov

National Institute of Standards and Technology (NIST)

Representatives:
Stephen Cauffman
Jennifer Helgeson

Name and brief description of the tool or resource to be demonstrated:
The Community Resilience Planning Guide for Buildings and Infrastructure Systems (Guide) provides local communities a six-step process for developing resilience plans that integrate with other long-term community development and hazard mitigation plans. The Guide assists local communities with identifying priorities to enhance the performance of buildings and infrastructure systems to allow functions to resume in a manner following a disruptive event that prevents detrimental effects (e.g, business closure, migration). The Guide is flexible, allowing it to be implemented in communities of any size. A companion Economic Decision Guide that provides a methodology for evaluating alternative approaches to enhancing resilience of buildings or infrastructure will also be presented.

Web URL: http://www.nist.gov/el/resilience/

Categories the tool/resource best addresses

INCREASED UNDERSTANDING
- Risk and vulnerabilities assessment

PLAN and IMPLEMENT
- Development of resilience plans

ENGAGE and BUILD NETWORKS
- Facilitating stakeholder engagement

How the tool addresses the categories you selected above: The Guide provides communities with a process for assembling their planning team, characterizing the social dimensions of the community, characterizing the buildings and infrastructure present and establishing their desired performance (e.g., availability) following a disruption, identifying the prevailing hazards and the expected performance of buildings and infrastructure systems, and developing a prioritized plan to improve performance of buildings and infrastructure to meet the resilience goals. The companion Economic Decision Guide supports development of resilience plans by providing a means of evaluating alternative approaches to improving resilience and selecting an approach based on a cost/benefit basis.

U.S. Global Change Research Program (US GCRP)

Representatives:
Emily Therese Cloyd (ecloyd@usgcrp.gov)
Sarah Zerbonne (szerbonne@usgcrp.gov)

Name and brief description of the tool or resource to be demonstrated:
We will present three related resources: the Third National Climate Assessment, NCAnet, and USGCRP's Federal Adaptation Resources Library. The National Climate Assessment reports on climate change and impacts for each region of the U.S. and for several socioeconomic sectors. NCAnet is a national network of organizations that use information from the National Climate Assessment in their work. The Federal Adaptation Resources Library is a collection of tools and resources by and for Federal agencies ranging from policy statements to adaptation plans to training resources.

Web URL:
http://nca2014.globalchange.gov, http://ncanet.usgcrp.gov/partners/resources, and http://www.globalchange.gov/browse/federal-adaptation-resources

Category the tool/resource best addresses

INCREASED UNDERSTANDING
- Climate science

PLAN and IMPLEMENT
- Development of resilience plans

ENGAGE and BUILD NETWORKS
- Facilitating stakeholder engagement

How the tool addresses the categories you selected above:
The National Climate Assessment integrates and synthesizes the best available science on climate change, impacts of climate change, and societal responses and provides a foundation for more specific reports on climate change impacts and responses at local, state, and regional levels. NCAnet serves as a community of practice in which producers and users of climate information can share best practices and lessons learned related to the use of science in informing decisions and engaging stakeholders in scientific and planning processes, among other topics. The Federal Adaptation Resource Library organizes Federal adaptation and resilience tools by relevant sector and capability. In addition, the Library features the U.S. Resilience Initiative Map, the U.S. Climate Resilience Toolkit (CRT), and recent Federal Agency Climate Change Adaptation Plans.

List of Regional POCs
Although we do not have regional points of contact, our national office contacts are able to help communities identify Federal personnel and resources in their region. We may be reached at ecloyd@usgcrp.gov and szerbonne@usgcrp.gov.

National Oceanic and Atmospheric Administration (NOAA)
Office for Coastal Management

Representatives:
Nancy Cofer-Shabica Nancy.Cofer-Shabica@noaa.gov
Josh Murphy Joshua.Murphy@noaa.gov

Name and brief description of the tool or resource to be demonstrated:
The *Digital Coast* provides data, tools, and training to help make coastal communities more resilient.

Web url

https://coast.noaa.gov/digitalcoast/

Categories the tool/resource best addresses

INCREASED UNDERSTANDING
- Risk and vulnerabilities assessment

PLAN and IMPLEMENT
- Risk communication

ENGAGE and BUILD NETWORKS
- Facilitating stakeholder engagement

Short description of tool or resource addressing checked boxes above:
The Digital Coast provides data, tools, and training to help make coastal communities more resilient. Data sets range from economic data to satellite imagery. The site contains visualization and analysis tools, and tools that make data easier to find and use. Many of the tools are web-based, meaning only an internet connection and web browser are needed to operate. Training courses and a variety of learning resources are available online, and instructor-led courses can be brought to the user's location. Example resources include the Sea Level Rise Viewer and the Coastal Flood Exposure Mapper, both useful to help communities assess and communicate vulnerability. Risk communication training and synthesis of recent research on risk communication are available to help improve the impact and outcomes of community discussions on vulnerability and other issues. There are guides to stakeholder participation, stakeholder job aids, and training such as fostering behavior change, and planning and facilitating collaborative meetings to build skills for effective community engagement. Digital Coast also contains examples of how these resources have been used successfully by others.

List of Regional POCs

The points of contact below are familiar with Digital Coast and can help make connections to resources or other staff members with specific knowledge related to the assistance sought.

NOAA Regional Climate Services Directors support place-based climate science and information delivery throughout the country, and they are also excellent resources. Their names, locations, and full contact information are available in a handout at the NOAA Table.

City Project	Regional POC Name	Regional POC E-Mail
Anchorage, AK		
Boulder, CO		
Chicago, IL	Heather Stirratt	Heather.Stirratt@noaa.gov
El Paso, TX		
Minot, ND		
New Orleans, LA	Todd Davison	Todd.Davison@noaa.gov
Norfolk, VA	Randy Schneider	Randall.Schneider@noaa.gov
Phoenix, AZ		
Pittsburgh, PA		
Tulsa, OK		

Department of Energy (DOE)
Office of Electricity Delivery and Energy Reliability

Representatives:
Jim Reilly

Name and brief description of the tool or resource to be demonstrated:
Distributed Energy Resources Customer Adoption Model (DER-CAM)

Web URL:
https://building-microgrid.lbl.gov/projects/der-cam
https://building-microgrid.lbl.gov/sites/all/files/results%20video.mp4

Categories the tool/resource best addresses

PLAN and IMPLEMENT
- Use of tools to build climate resilience
- Development of resilience plans

How the tool addresses the categories you selected above:
The microgrid-enhanced DER-CAM capabilities are readily available and easy to use for assessing the optimal capacities in microgrids, with/without consideration of blackouts – both short and long duration

Using the microgrid & resilience features implemented in DER-CAM it is possible to get timely information on costs resulting from blackouts

These features allow evaluating the readiness of candidate microgrid sites by estimating the costs of incremental investments required to build and operate in islanded mode

List of Regional POCs

City Project	Regional POC Name	Regional POC E-Mail
Anchorage, AK		
Boulder, CO		
Chicago, IL	Jianhui Wang, Argonne National Laboratory	jianhui.wang@anl.gov
El Paso, TX		
Minot, ND		
New Orleans, LA		
Norfolk, VA		
Phoenix, AZ		
Pittsburgh, PA		
Tulsa, OK		

U.S. Department of Energy (DOE)

Representative:
Krystal Laymon

Name and brief description of the tool or resource to be demonstrated:

- The State, Local and Tribal Technical Assistance Gateway
  - Provides an access point to DOE's technical assistance and cooperative activities with state, local and tribal officials
- State & Local Solution Center
  - Provides resources to advance successful, high-impact clean energy policies, programs, and projects.

Web URL :

http://energy.gov/ta/state-local-and-tribal-technical-assistance-gateway

http://energy.gov/eere/slsc/state-and-local-solution-center

Categories the tool/resource best addresses

PLAN and IMPLEMENT

- Use of tools to build climate resilience
- Development of resilience plans
- Climate resilience strategies
- Funding and technical assistance opportunities

How the tool addresses the categories you selected above:
The State, Local and Tribal Technical Assistance Gateway
If you're a state, local or tribal official, or a representative from an organization of such officials, with a specific question or need for assistance, we'll work collaboratively across the DOE to address your inquiry. Responses could include access to DOE and national laboratory experts; ongoing cooperative activities with national state, local, regional and tribal associations and external subject matter experts; and existing and new materials including guidebooks, toolkits, webinars and data.

State & Local Solution Center
Provides information on how to develop a clean energy strategy, how to design and implement clean energy programs, how to pay for clean energy efforts, and how to access and use energy data. Furthermore, this tool allows users to filter through topic and resource type

U.S. Environmental Protection Agency (EPA)

Representatives:
Joel Scheraga
Curt Baranowski

Name and brief description of the tool or resource to be demonstrated:
Climate Resilience Evaluation and Awareness Tool (CREAT): CREAT is a web-based application. It is a risk assessment tool that helps drinking water, wastewater and stormwater utility owners and operators understand and evaluate potential impacts of climate change on their individual utilities. It also provides an approach for utilities to identify and assess adaptation options that can reduce the risks and prepare for the impacts of climate change.

Web URL: http://www.epa.gov/crwu/assess-water-utility-climate-risks-climate-resilience-evaluation-and-awareness-tool

Categories the tool/resource best addresses

INCREASED UNDERSTANDING
- Risk and vulnerabilities assessment

PLAN and IMPLEMENT
- Development of resilience plans
- Climate resilience strategies

How the tool addresses the categories you selected above: The CREAT tool is a stand-alone risk assessment product that allows users to evaluate potential impacts of climate change on their utility, evaluate adaptation options to address these impacts, and design adaptation plans. The CREAT tool includes:

- A library of drinking water and wastewater utility assets that could be affected by climate change, such as water resources, treatment plants, reservoirs, distribution system components and pump stations;
- Possible climate change-related threats to those assets such as sea level rise, flooding, drought, and reduced snowpack;
- Adaptive options that can be implemented to adapt to the impacts of climate change and can be customized by the user; and
- A series of risk reduction and cost reports that allow the user to evaluate various adaptation options as part of long-term planning.

List of EPA Regional POCs

City Project	Regional POC Name	Regional POC E-Mail
Anchorage, AK	Joyce Kelly	Kelly.Joyce@epa.gov
Boulder, CO	Laura Farris	Farris.Laura@epa.gov
Chicago, IL	Timothy Henry	Henry.Timothy@epa.gov
El Paso, TX	Jim Brown	Brown.Jamesr@epa.gov
Minot, ND	Laura Farris	Farris.Laura@epa.gov
New Orleans, LA	Jim Brown	Brown.Jamesr@epa.gov
Norfolk, VA	Regina Poeske Linda Rimer	Poeske.Regina@epa.gov Rimer.Linda@epa.gov
Phoenix, AZ	John Kemmerer	Kemmerer.John@epa.gov
Pittsburgh, PA	Regina Poeske Linda Rimer	Poeske.Regina@epa.gov Rimer.Linda@epa.gov
Tulsa, OK	Jim Brown	Brown.Jamesr@epa.gov

US Army Corps of Engineers (US ACE)

Representatives:
Kate White
Rachael Marzion

Name and brief description of the tool or resource to be demonstrated:
Sea level change adaptation guidance and supporting tool:
The US Army Corps of Engineers relies on publically available technical guidance in the form of Engineer Technical Letter (ETL) 1100-2-1 and supporting sea level change calculator to understand and adapt to changing sea levels. The ETL provides technical guidance for understanding the direct and indirect physical and ecological effects of projected future sea level change on projects and systems of projects and considerations for adapting to those effects. It includes a broadly applicable method encompassing four USACE mission areas (coastal storm risk reduction, flood risk reduction, navigation, and ecosystem restoration) and also provides insight into use for multipurpose projects. The information presented here is applicable to projects and systems ranging from simple to complex, small to very large, and over the full life cycle. This ETL integrates the recommended planning and engineering to understand and adapt to impacts of projected sea level change through a hierarchy of decisions and review points that identify the level of analysis required as a function of project type, planning horizon, and potential consequences.

Web URL:
Guidance:
http://www.publications.usace.army.mil/Portals/76/Publications/EngineerTechnicalLetters/ETL_1100-2-1.pdf
Calculator: http://www.corpsclimate.us/ccaceslcurves.cfm
Overall climate web site: http://www.corpsclimate.us/

Category the tool/resource best addresses

INCREASED UNDERSTANDING
- Risk and vulnerabilities assessment

PLAN and IMPLEMENT
- Development of resilience plans
- Climate resilience strategies

How the tool addresses the categories you selected above:
The guidance supports identification of the impacts of changing sea level on a variety of coastal projects with emphasis on coastal storm risk reduction, flood risk reduction, navigation, and ecosystem restoration. This information is required in assessing risks and vulnerabilities, which is the first step in developing resilience strategies for planning and implementation. The supporting calculator is used in screening vulnerabilities.

List of Regional POCs
Agency representatives will bring as handout to fair

US Geological Survey (USGS)

Representatives:
Doug Beard, USGS Chief National Climate Change & Wildlife Science Center
Shaun Wicklein, USGS Supervisory Hydrologist

Name and brief description of the tool or resource to be demonstrated:
The *USGS Flood Inundation Program* creates and maintains maps around USGS streamgages that show where flooding may occur over a range of water levels in the community's local stream or river. The online mapping application allows users to explore the full range stream conditions and connect the maps to real-time water level data and National Weather Service Flood Forecasts. Users can also access historical flood information and potential loss estimates based on the severity of the flood. The FIM Mapper helps communities visualize potential flooding scenarios (like from climate change or changes in flow regime), identify areas and resources that may be at risk, and enhance their local response effort during a flooding event.

Web URL:
http://water.usgs.gov/osw/flood_inundation/

Category the tool/resource best addresses

INCREASED UNDERSTANDING
- Risk and vulnerabilities assessment

PLAN and IMPLEMENT
- Development of resilience plans
- Risk communication

How the tool addresses the categories you selected above:

The USGS Flood Inundation Mapper combines flood inundation map libraries with real-time USGS river-level data and National Weather Service flood forecasts into a powerful tool that helps communicate when and where it may flood and allows for better tools to inform local responses that can protect lives and property.
The USGS works with the National Weather Service, the U.S. Army Corps of Engineers, and the Federal Emergency Management Agency to connect communities with federal flood-related science thereby ensuring the quality and consistency of flood inundation maps across the country

Provide a list of Regional POCs

City Project	Regional POC Name	Regional POC E-Mail
Anchorage, AK	Mark Shasby, Alaska Water Science Center Director Stephen T. Gray, Director, DOI Alaska Climate Science Center	shasbym@usgs.gov sgray@usgs.gov
Boulder, CO	David Mau, Colorado Water Science Center Director Jonathan Godt, Landslide Hazards Program Coordinator Jeffrey T. Morisette Director, DOI North Central Climate Science Center	dpmau@usgs.gov jgodt@usgs.gov morisettej@usgs.gov
Chicago, IL	Douglas Yeskis, Illinois Water Science Center Director Mary Ratnaswamy, Director DOI Northeast Climate Science Center	djyeskis@usgs.gov mratnaswamy@usgs.gov
El Paso, TX	Robert Joseph, Texas Water Science Center Director Kimberly Winton, Director, USGS, South Central Climate Science Center	rljoseph@usgs.gov kwinton@usgs.gov,
Minot, ND	Gregg Wiche, North Dakota Water Science Center Director Jeffrey T. Morisette, Director, DOI North Central Climate Science Center	gjwiche@usgs.gov morisettej@usgs.gov
New Orleans, LA	W. Scott Gain, Louisiana Water Science Center Director Kimberly Winton, Director, USGS, South Central Climate Science Center Gregory D. Steyer, Science Advisor, Southeastern Region	wsgain@usgs.gov kwinton@usgs.gov steyerg@usgs.gov
Norfolk, VA	Mark R. Bennett, Virginia Water Science Center Director Gerard McMahon, DOI Southeast Climate Science Center	mrbennet@usgs.gov gmcmahon@usgs.gov
Phoenix, AZ	James Leenhouts, Arizona Water Science Center Director Stephen T. Jackson, Director,	leenhout@usgs.gov stjackson@usgs.gov

	Southwest Climate Science Center	
Pittsburgh, PA	James Campbell, Pennsylvania Water Science Center Director Mary Ratnaswamy, Director DOI Northeast Climate Science Center	jcampbel@usgs.gov mratnaswamy@usgs.gov
Tulsa, OK	William Andrews, Oklahoma Water Science Center Director Kimberly Winton, Director, USGS, South Central Climate Science Center	wandrews@usgs.gov kwinton@usgs.gov

US Department of Agriculture (USDA)

Rural Development (RD); Farm Service Agency (FSA); Forest Service (FS)

Representatives
RD - Renie Langan
FSA – Matt Pavone
FS - Randy Johnson

Name and brief description of the tool or resource to be demonstrated:

- **Rural Development** – Rural Energy for America Program (REAP) offers funding to complete energy audits, provide renewable energy development assistance, make energy efficiency improvements and install renewable energy systems. We have programs that help convert older heating sources to cleaner technologies, produce advanced biofuels, install solar panels, build biorefineries, and much more. USDA Rural Development is at the forefront of renewable energy financing, with options including grants, guaranteed loans and payments.

- **Forest Service** – Climate Hubs are a unique collaboration of agencies across USDA established to ensure that, in light of increasing weather variability and a changing climate, resource managers (farmers, ranchers and forest landowners) have access to the best science-based information on management practices, decision tools, and short-term and seasonal climate/weather data and trends.

- **Farm Service Agency** - To discuss the various credit and commodity-based programs offered by USDA through the Farm Service Agency throughout the network of 2,124 field offices nationwide. FSA provides assistance new and established farmers, and works both in cities and rural environments to provide access to credit and commodity support programs to eligible applicants. Many of the programs provided to farmers and ranchers are integral to supporting the food value-chain at the farm level.

Web URL:
Rural Development Energy Programs
http://www.rd.usda.gov/programs-services/all-programs/energy-programs

Farm Service Agency Offices
http://www.fsa.usda.gov/FSA/stateOffices?area=stoffice&subject=landing&topic=landing

Forest Service Climate Hubs
http://climatehubs.oce.usda.gov/

Categories the tool/resource best addresses

PLAN and IMPLEMENT

- Education and outreach materials
- Funding and technical assistance opportunities

ENGAGE and BUILD NETWORKS

- Regional networks

How the tool addresses the categories you selected above:

By sharing our websites and brochures we provide insights to resources and funding available across USDA.

List of Regional POCs

City Project	Regional POC Name	Regional POC E-Mail
Anchorage, AK	RD: Renee Johnson Climate Hubs: Bea Van Horne FSA Alaska State Office	Renee.Johnson@ak.usda.gov bvhorne@fs.fed.us Farm Service Agency 800 West Evergreen Ave., Suite 216 Palmer, AK 99645 907-761-7738
Boulder, CO	RD: Donald Nunn Climate Hubs: Justin Derner FSA Colorado State Office	Donald.Nunn@co.usda.gov Justin.Derner@ars.usda.gov Farm Service Agency Denver Federal Center Building 56, Room 2760 P O Box 25426 Denver CO 80225-0426 720.544.2876
Chicago, IL	RD: Mary Warren Climate Hubs: Justin Derner FSA Illinois State Office	Mary.Warren@il.usda.gov Justin.Derner@ars.usda.gov Farm Service Agency 3500 Wabash Ave. Springfield, Illinois 62711-8287 (217) 241-6600 Ext.2
El Paso, TX	RD: Billy Curb Climate Hubs: Jean Steiner FSA Texas State Office	Billy.Curb@tx.usda.gov Jean.Steiner@ars.usda.gov Farm Service Agency 2405 Texas Ave. S. College Station, TX 77840 979-680-5151 Voice
Minot, ND	RD: Grady Borth Climate Hubs: Justin Derner FSA North Dakota State Office	Grady.Borth@nd.usda.gov Justin.Derner@ars.usda.gov Farm Service Agency 1025 28th St S Fargo, ND 58103

		701-239-5224
New Orleans, LA	RD: Kevin Boone Climate Hubs: Steve McNulty FSA Louisiana State Office	Kevin.Boone@la.usda.gov steve_mcnulty@ncsu.edu Farm Service Agency 3737 GOVERNMENT ST ALEXANDRIA, LA 71302-3327 318-473-7721
Norfolk, VA	RD: Kent Ware Climate Hubs: Steve McNulty FSA Virginia State Office	Kent.Ware@va.usda.gov steve_mcnulty@ncsu.edu Farm Service Agency 1606 SANTA ROSA RD RICHMOND, VA 23229-5014 (804) 287-1500
Phoenix, AZ	RD: Gregg Humphries Climate Hubs: Al Rango FSA Arizona State Office	Gregg.Humphries@az.usda.gov alrango@nmsu.edu Farm Service Agency 230 N. 1st Avenue Suite 506 Phoenix, Arizona 85003 Phone: 602-285-6300
Pittsburgh, PA	RD: Amanda Hope Climate Hubs: Dave Hollinger FSA Pennsylvania State Office	Amanda.Hope@pa.usda.gov dhollinger@fs.fed.us Farm Service Agency 359 EAST PARK DRIVE HARRISBURG, PA 17111 (717) 237-2227
Tulsa, OK	RD: Jody Harris Climate Hubs: Jean Steiner FSA Oklahoma State Office	Jody.Harris@ok.usda.gov Jean.Steiner@ars.usda.gov Farm Service Agency 100 USDA, Suite 102 (Intersection of Farm Road and Orchard Street for GPS Purposes) Stillwater, OK 74074 405–742-1130

Federal Emergency Management Agency (FEMA)

Representatives:
Matt Lyttle
Kirsten Roth

Name and brief description of the tool or resource to be demonstrated:
America's PrepareAthon! provides an opportunity for individuals, organizations, and communities to prepare for specific hazards through group discussions, drills, and exercises. Campaign resources include customizable tools and materials to reach the whole community with a message of taking action to prepare.

Web URL:
www.ready.gov/prepare

Categories the tool/resource best addresses

PLAN and IMPLEMENT

- Education and outreach materials

ENGAGE and BUILD NETWORKS

- Facilitating stakeholder engagement
- Citizen volunteers and volunteers' networks

How the tool addresses the categories you selected above: America's PrepareAthon! resources include guidance for individuals, such as "how to prepare" guides and Family Communications Plan templates. Many tools provide protective actions that can be taken by individuals to stay safe before, during, and after an incident. There are also playbooks for organizations that offer ideas for facilitated discussions and other preparedness actions that can bring together the larger community. All of the resources are developed to be applicable to an "all-hazards" approach, or are specific to certain hazards, namely the following six:

- Earthquake
- Winter Storm
- Wildfire
- Tornado
- Hurricane
- Flood

List of Regional POCs

City Project	Regional POC Name	Regional POC E-Mail
Anchorage, AK	Bryant Harrison	Bryant.harrison@fema.dhs.gov
Boulder, CO	Dan Nyquist	Daniel.nyquist@fema.dhs.gov
Chicago, IL	Kim Hayward	Kimberly.hayward@fema.dhs.gov
El Paso, TX	Bill Bischof	Bill.bischof@fema.dhs.gov
Minot, ND	Dan Nyquist	Daniel.nyquist@fema.dhs.gov
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