



# EPA Tools and Resources Webinar: Collaborating with our State Partners on Disaster Resiliency Planning

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# Presentation Outline

1. Cooperative Federalism
2. Key State Partners: ECOS and ASTHO
3. EPA's Memorandum of Agreement on Environmental Health with ECOS and ASTHO
4. Completed Joint Projects
5. Project Highlight: State Disaster Resiliency Planning and Case Studies
6. Upcoming Work

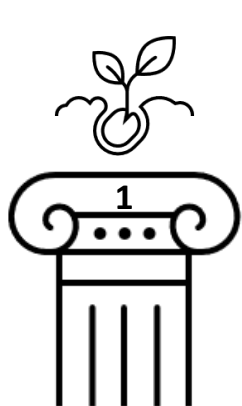
# Aligning Research with Administration Priorities

- EPA announced the “[Powering the Great American Comeback](#)” initiative on February 4
  - Outlines EPA priorities under President Trump and Administrator Zeldin
  - Five pillars guide EPA’s work over the next four years

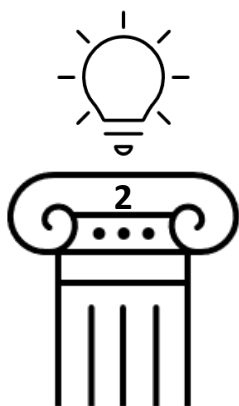
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## The 5 Pillars of the Powering the Great American Comeback Initiative

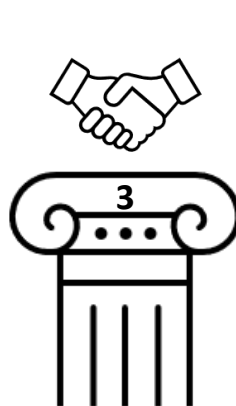
*Goal: To achieve the EPA’s mission while energizing the greatness of the American economy*



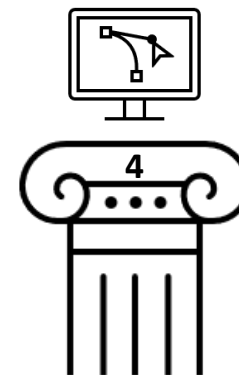
Clean Air, Land, and  
Water for Every American



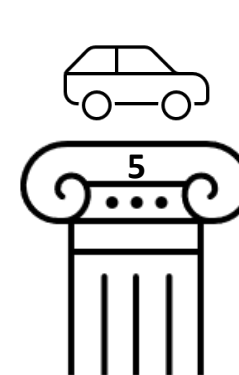
Restore American  
Energy Dominance



Permitting Reform, **Cooperative  
Federalism**, and Cross-Agency Partnership



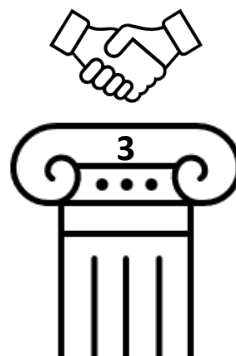
Make the US the AI  
Capital of the World



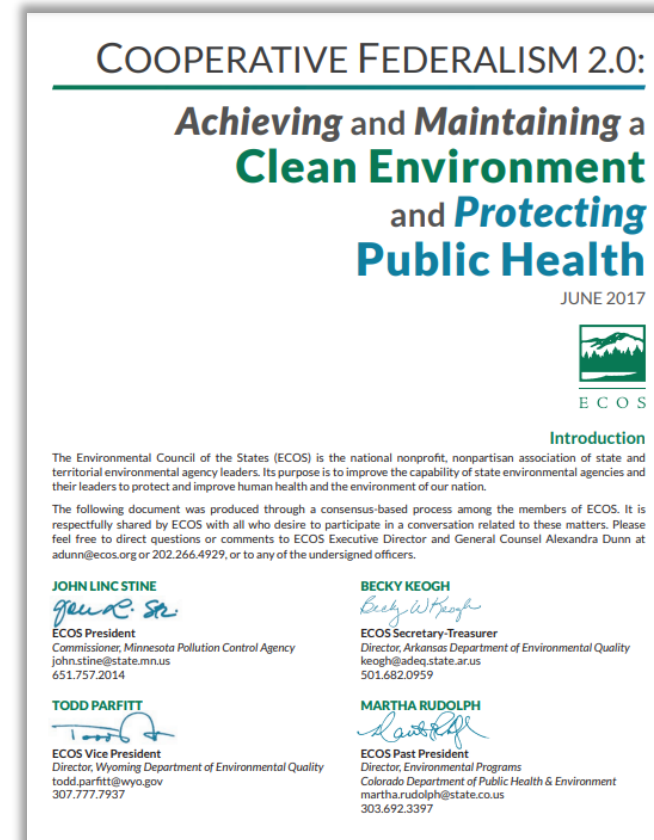
Protecting and Bringing  
Back American Auto Jobs

# Cooperative Federalism

*“Cooperative Federalism is a main pillar of the Powering the Great American Comeback initiative. In developing our nation’s environmental statutes, Congress recognized the important role of states and their co-equal authority with EPA. Our legislators understood that states are best positioned to work with unique communities and implement laws.”*  
**– EPA Administrator Zeldin**



Permitting Reform, **Cooperative Federalism**, and Cross-Agency Partnership



# Association of State and Territorial Health Officials (ASTHO)

**ASTHO**—the national nonprofit organization representing public health agencies in the states and territories — strives to support the work of state and territorial public health officials through capacity building and technical assistance and by furthering the development and excellence of public health policy nationwide.

## **ASTHO Environmental Health priorities include:**

- Bolster the environmental health (EH) workforce
- Advance data modernization/IT infrastructure
- Build capacity for lead poisoning prevention
- Strengthen EH surveillance
- Address health and environmental impacts of PFAS



# Environmental Council of the States (ECOS)

**ECOS**—the national association of state and territorial environmental agency leaders—works to improve the capability of state environmental agencies and their leaders to protect and improve human health and the environment.

## ECOS President's Priorities:

- Cooperative Federalism
- Artificial Intelligence

## Other Interests:

- PFAS, Climate, Budget,  
& More!



E C O S

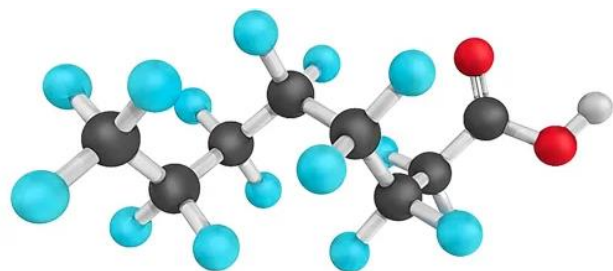




# Memorandum of Agreement (MOA) on Environmental Health

- EPA - ECOS - ASTHO partnership on environmental health projects under MOA since 2016
- GOAL: Collaborate to leverage resources and advance a mutually shared mission of ***protecting the public's health from environmental threats and hazards and strengthen environmental health systems across the country***
- [Read More About Completed Projects](#)
- [Read the MOA](#)

# Completed Projects under the MOA

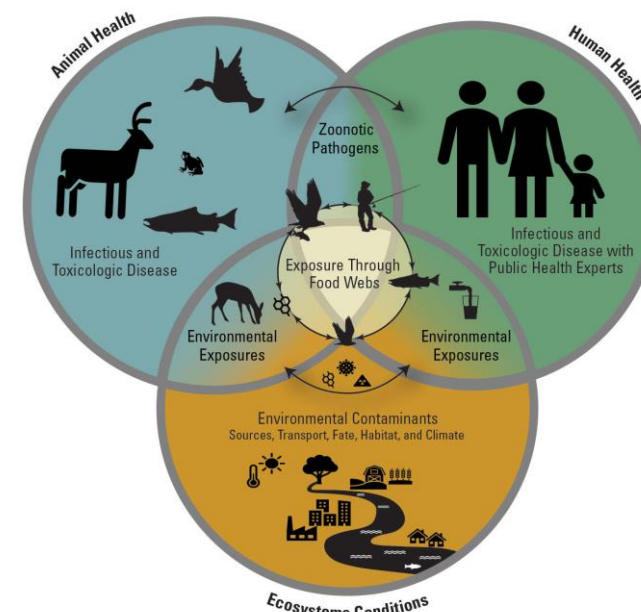


- 2 on **PFAS**

- [Risk communication case studies](#) on PFAS, HABs
- Risk Communication Hub ([ECOS](#), [ASTHO](#))

- 3 on **One Health**

- [Webinars](#)
- Case studies ([ECOS](#), [ASTHO](#))
- Community of Practice





# Completed Projects under the MOA

- 3 on **Resilience**
  - Resilience to Complex Disasters Reports ([ASTHO](#), [ECOS](#))
  - [State Resiliency Planning Considerations](#) document
  - Resource Hub ([ASTHO](#), [ECOS](#))
- 2 on **Other Topics of Interest**
  - [Wildfire Smoke Guide](#)
  - Issue Brief on [COVID-19](#) in Wastewater



# Resource Hubs on Resiliency and Vulnerability to Complex Disasters

*Documents, case studies, examples of resiliency plans, communication tools, and more on disaster resiliency planning and implementation*



## Resiliency Hub



As states and communities regularly respond to disasters, ERIS and ASTHO have completed several joint projects to help state environment and health agencies, and communities consider and plan for greater resiliency. The [Tools and Resources Hub](#) below pulls together information on state plans, programs, and guidance; funding opportunities; and training, data resources, and more for easy access. Earlier projects from 2022 and 2024 explored [Resiliency and Vulnerable Communities](#) and [Resiliency in the Face of Complex Disasters](#).

### Tools and Resources

#### Featured Resources

##### U.S. Climate Resilience Toolkit [↗](#)

This website is designed to help people find and use tools, information, and subject matter expertise to build climate resilience.

[Data and Tools](#) [Funding Mechanisms](#) [Reports and Case Studies](#)  
[Climate Adaptation](#) [Flood](#) [Risk Assessment](#) [Wildfires](#)

##### Preparedness and Resilience Training [↗](#)

Selected trainings from U.S. EPA's Watershed Academy provide information on how to increase adaptive capacity; strengthen infrastructure and ecosystem resiliency; and identify how changes in the environment may affect provision of services.

[Training and Education](#) [Climate Adaptation](#) [Drought](#) [Flood](#) [Wildfires](#)

##### Flood Funding Finder [↗](#)

This website simplifies the complex federal grants system to help small communities identify and prioritize opportunities to fund flood resilience.

[Funding Mechanisms](#) [Federal](#) [Flood](#)

##### Drinking Water and Wastewater Resilience [↗](#)

Shares information on the basics of water resilience and links to a summary of EPA's Water Resilience Tools and Resources.

[Data and Tools](#) [Funding Mechanisms](#) [Preparedness](#)

##### Resilient Rhody Strategy (2018) [↗](#)

This strategy responds to changing weather and environmental conditions and proposes climate resilience actions to protect the state against severe weather events and address underlying chronic stresses.

[State Resiliency Plans, Programs, and Guidance](#) [Rhode Island](#)  
[Climate Adaptation](#)

##### State and Local Governments Use Innovative Financing to Build Disaster Resilience [↗](#)

This report discusses how state and local governments are building resilience with investments in planning and projects that help counter flooding, wildfire, and other disaster threats.

[Reports and Case Studies](#) [Flood](#) [Wildfires](#)

#### Find More Tools and Resources

Enter keywords

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[State Resiliency Plans, Programs, and Guidance](#)

[State and Federal Funding Mechanisms](#)

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## State Resiliency Hub

JUNE 30, 2025

Each year, the resilience of states and island jurisdictions is tested by hurricanes, floods, extreme heat events, droughts, destructive wildfires, and other natural disasters and homeland security threats. These events require support from state health and environmental agencies to address not only the immediate challenges of the communities, but also longer-term recovery efforts. There are numerous resources available to support state and territorial health agencies and their environmental counterparts in these efforts. ASTHO and the Environmental Council of the States have been partnering to better understand state activities around resiliency planning and implementation. This resource hub contains links to state resiliency plans and guidance documents, outreach and training materials, tools, case studies, and additional resources to support jurisdictions in their disaster resiliency planning and implementation.

### Case Studies

These two case studies developed as part of the Resiliency Hub project show some of the different state approaches to addressing resiliency.



[Building a Resilience Framework in Colorado](#)



[State Agency Resilience Planning and Implementation: Vermont Agency of Natural Resources](#) [↗](#)

### State Resiliency Resources

[EXPAND ALL](#) [COLLAPSE ALL](#)

State Resiliency Plans and Guidance Documents

State Tools

State and Federal Funding Mechanisms

### Additional Resources

[EXPAND ALL](#) [COLLAPSE ALL](#)

Training and Education

Data and Tools

Partner Reports



# ECOS Case Study: Vermont

## Why Vermont?

- Multiple significant floods
- Opportunities to implement lessons learned



The Great Vermont Flood, July 10-11, 2023.

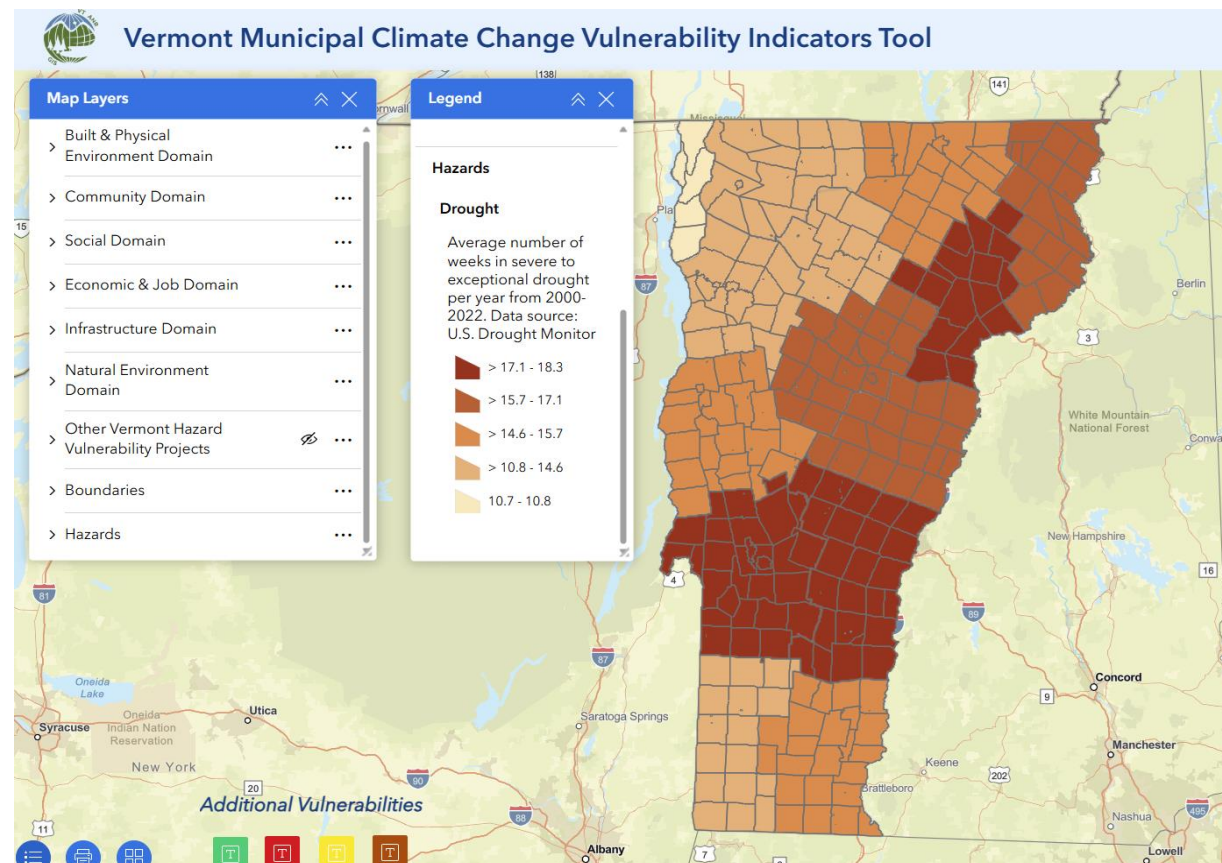
Source: Google

# ECOS Case Study: Vermont

## Highlights

- Vermont Agency of Natural Resources (ANR) Climate Action Office leads resilience and adaptation work
- Working across levels of government and across agencies
- Developing tools and finding funding for municipalities

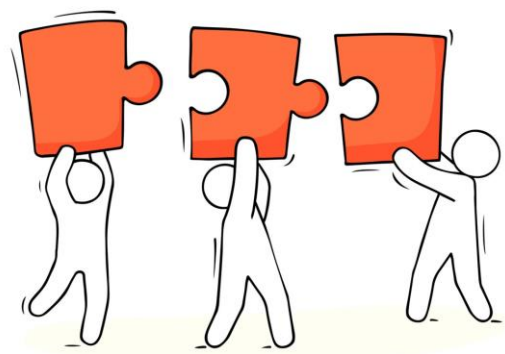
Read the [Case Study](#)



# ASTHO Case Study: Colorado

## Why Colorado?

- Multiple state and local partners involved in resiliency efforts
- Formal communication plans in place and coordinated activities
- Opportunities to implement lessons learned and inform future work



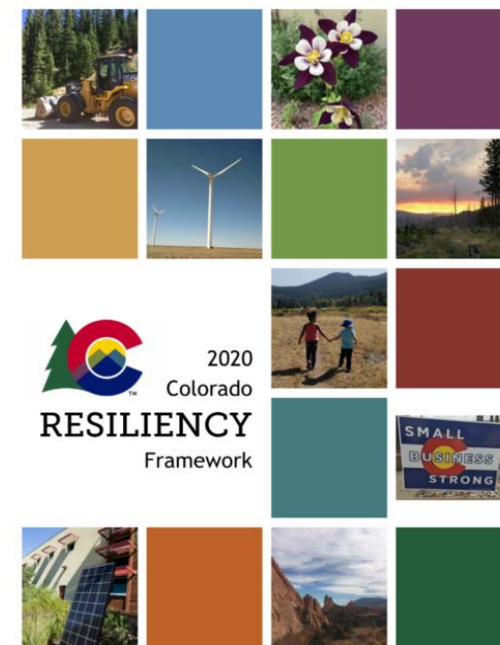
Source: Colorado Resiliency Office



# ASTHO Case Study: Colorado

## Highlights

- Colorado Resiliency Office established in 2015 to coordinate state efforts
- Colorado Resiliency Framework established in 2020 to provide a roadmap for CO
- Key element in CO's long-term approach to building resiliency is involving the local community

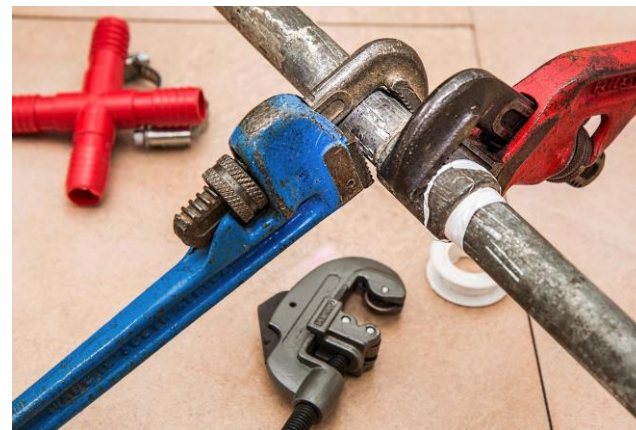


Source: Colorado Resiliency Office

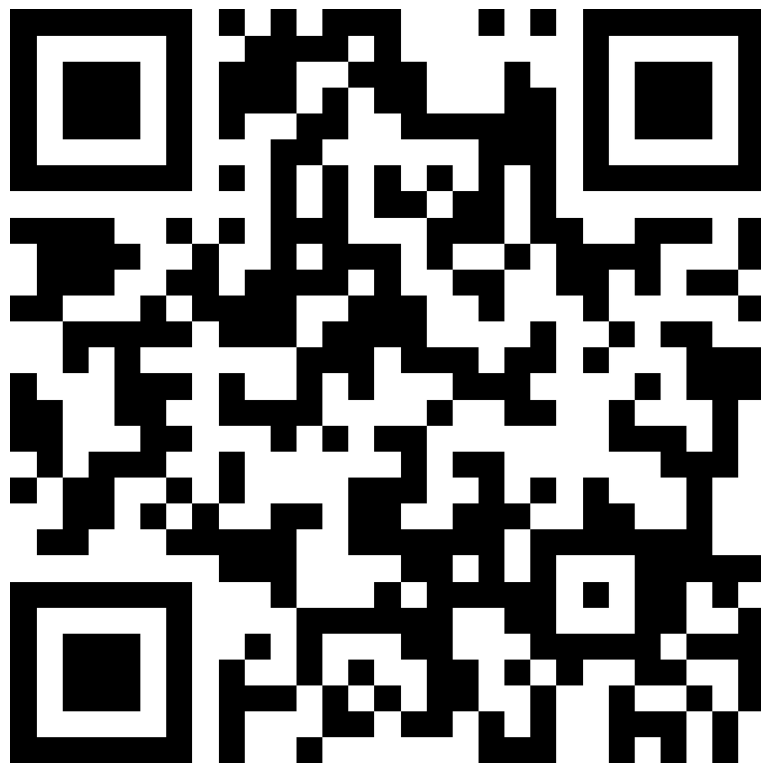
## Next Up: Lead

### New MOA Project Goals

- Host regional calls with state environmental and health agencies to discuss cross-agency lead coordination
- Bring EPA and other federal science resources to states to identify and address high risk lead exposure



# Feedback Opportunity



[slido.com](https://slido.com) code# 2256665



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