The North Central Climate Adaptation Science Center (NC CASC) has developed a Tribal Climate Adaptation Newsletter to be released monthly in order to communicate resources, funding opportunities, and climate news to better connect science and resources to tribal communities in the north-central region.

In this Newsletter, you will find:

- **Upcoming Events**
- **Research**
- **News & Announcements**
- **North Central Powwow Calendar**
- **Funding Opportunities**

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**Upcoming Events**

**Managing For A Changing Climate**

Through November 25th, South Central CASC is offering four free online courses designed to provide an understanding of how climate change impacts the economy, policy, ecosystems, and indigenous communities. Click [here](#) to register!

**Regenerate 2019 Conference**
This year's Regenerate conference, *Health From The Soil Up*, will be held in Albuquerque from November 19-22, and will bring together land managers, scientists, government agencies, farmers and ranchers. Attendees may participate in an agriculture and environment career fair, workshops, panel discussions, and restoration training.

**GPTWA Fall Water Conference**
This year's Great Plains Tribal Water Alliance Fall Water Conference will be held October 10th and 11th in Rapid City, South Dakota. Topics will include the protection of tribal water and lands, and climate change adaptation planning.

**Tribal Climate Adaptation Menu Webinar**
Learn how to utilize the *Dibaginijigaadeg Anishinaabe Ezhitwaad: A Tribal Climate Adaptation Menu* during this webinar hosted by the National Adaptation Forum on November 13th. Click [here](https://mailchi.mp/24ebf5eac24a/nc-casc-august-newsletter-3602469) to register!

**Tribal Climate Adaptation Menu Workshop**
Hosted at the College of Menominee Nation in Wisconsin, workshop facilitators will use the Tribal Adaptation Menu and Climate Science Adaptation Workbook to set goals for tribal natural resources management and develop action plans to changing environmental conditions.

**Climate Assessment Webinar**
The Southeast CASC is hosting a five-part webinar series focusing on the Southeastern and Tribes and Indigenous Peoples chapters of the fourth National Climate Assessment. Webinars will be held monthly through January 2020.

**October TC&HA Webinars**
Click [here](https://mailchi.mp/24ebf5eac24a/nc-casc-august-newsletter-3602469) to register for the October Tribal Climate and Health Adaptation webinars: "Melting Ice & Sea Level Rise, Storms & Flooding" and "Vulnerability Assessments Part 1", hosted by the Pala Band of Mission Indians and the Pala Environmental Network.

**Tribal Environmental Data & Technology Academy**
This learning and information sharing opportunity for tribes is focused on developing skills, support, and training to meet environmental protection goals. TribalDATA will be held in Flagstaff, AZ from November 5-7.
Research

**Health-Related Costs of Climate Change.**
Scientists from the Natural Resources Defense Council (NRDC) and Institute for Health & Aging estimated the cost of premature deaths and health conditions developed from the effects of climate change.

**Tribal Adaptation Menu**
Designed to represent Indigenous perspectives on climate change, *Didaginijigaadeg Anishinaabe Ezhitwaad: A Tribal Climate Adaptation Menu* is a useful resource providing indigenous approaches to adaptation.

News & Announcements

**IAC Youth Contest**
High school students throughout Indian County are invited to participate in Intertribal Agriculture Council's "Agriculture: Investing in Sovereignty" essay contest.

**Relocation: A New Threat of Climate Change**
Since the devastating hit of the March 2019 bomb cyclone, much of the Yankton Sioux reservation in South Dakota has been under water. Recent fall flooding has worsened conditions, and created dangerous living conditions for community members and wildlife.

**North Central Fall Weather Outlook**
As record-setting winter conditions continue to hit the western states, well below normal temperatures and flooding are expected throughout much of the North Central and Midwest regions.

North Central Powwow Calendar

- **Shawnee Indian Mission Fall Festival**
  - Oct 11-13

- **He Sapa Wacipi**
  - Oct 11-13
Indigenous Peoples Day Powwow  
Oct 12  
Boulder, CO

Native American Day Wacipi  
Oct 14  
Sioux Falls, SD

Restoration & Honoring Our Elders Powwow  
Oct 26  
Norfolk, NE

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**Funding Opportunities**

**Tribal Pesticide Program**
As a mission to protect public health and the environment, the EPA is offering a grant for tribal communities to develop pesticide programs. Proposals are due November 20th.

**DOE Announces Tribal Energy Funding**
During the National Tribal Energy Summit in Washington D.C. last month, Department of Energy's Under Secretary announced their "Energy Infrastructure Development on Indian Lands - 2020" grants. Funding purposes include installation and development of energy generating systems. For more information and to view the original Notice of Intent, click [here](#).

**EPA Tribal Land & Emergency Management Support**
Grants provided through the Environmental Protection Agency will assist tribes with training, technical assistance, research, and tools to build tribal capacity to implement Office of Land and Emergency Management (OLEM) programs. The closing date is November 13th.
National climate centers created to help meet the changing needs of land and managers across the country. NC CASC is a partnership between US Geological Survey and CU Boulder, created to foster both innovated and applied research, in support of natural resource management to address the needs of tribes and tribal organization.