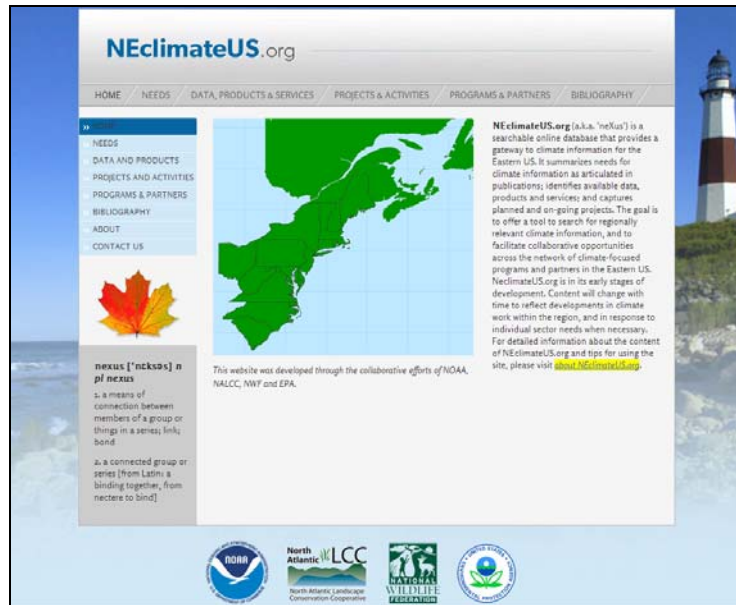




**Gulf of Maine Council
on the Marine Environment**
Celebrating 25 years of action
for a healthy environment

Climate Network Overview of the NExUS Climate Database



Finding Relevant Climate Data

NeclimateUS.org (known as NExUS) is a database that offers regional and local officials in the Northeastern US and Atlantic Canada access to useful climate-related information. Site visitors can find relevant action plans, reports, and research studies, and can identify potential partners from an extensive list of organizations engaged in climate-related work. Searchable by topic, keyword or location, the database includes summaries of ongoing climate projects and identified needs for further research. “Trying to locate what climate information is out there and who is doing what can take more time than many planners and program managers have,” notes Ellen Mecray, Regional Services Director for the Eastern Region of the National Oceanic and Atmospheric Administration (NOAA), one of the database’s lead sponsors. “We’ve assembled these resources in a single database so that people working to implement climate mitigation and adaptation measures have ready access to the scientific information they need to create sound strategies.”

The NExUS database helps communities, states and provinces learn from existing research and initiatives to address climate challenges—rather than “reinventing the wheel.” NExUS incorporates data from states as far south as South Carolina and as far west as Ohio and West Virginia—so those in the Northeast and Atlantic Canada can find a wide variety of resources extending far beyond the Gulf of Maine region.

How to Find Information on NExUS

Database users can search for resources by **category of product** and/or **geographic area of applicability**, or by doing a quick **keyword** search (using the main blue search box).

The largest volume of listings in NExUS falls under the **Data, Products and Services** tab—which refers to reports, adaptation plans, research studies, vulnerability assessments and other finished documents focused primarily on climate-related research, planning or management. The services section includes web-based tools (such as visualization, mapping and modeling tools).

A **Needs** tab allows users to find needs for data, planning or resources that have been identified by a credible source (*e.g.*, a governmental report, academic study or public official). Database users should know that the NExUS listing of needs is not comprehensive nor has it been vetted formally. Using the **Projects and Activities** tab, database users can locate ongoing climate-related efforts that do not yet have a finished product. Examples include adaptation projects and long-term monitoring work. The **Partners and Programs** tab takes users to listings of nongovernmental organizations (NGOs) and public agencies that are active in climate-related work—at state, provincial and federal levels.

What Is Not on NExUS

Most of the climate documents cited in NExUS are produced or funded by government agencies or nongovernmental organizations and are readily available. The database does not represent a comprehensive “climate literature review” incorporating scholarly articles (since many of those are accessible only to journal subscribers). While the NExUS database provides links to online sets of raw climate data, it does not offer datasets or climate maps directly.

To Recommend Additional Listings

If you know of valuable climate-related resources in the Northeastern US, New Brunswick or Nova Scotia not currently included in NExUS, please contact Ellen Mecray, NOAA Regional Services Director (Eastern Region), at ellen.l.mecray@noaa.gov.

NExUS Database Sponsors

The following agencies and organizations worked collaboratively to help design and create the NExUS database:



Environment
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