Celebrating the Champlain-Adirondack Biosphere in 2024

Katie Darr
Champlain-Adirondack Biosphere Network Coordinator
UNESCO’s MAN AND THE BIOSPHERE (MAB) PROGRAM

• Launched in 1971 by the United Nations Educational, Scientific, and Cultural Organization

• Science-based program that aims to promote a balanced relationship between humans and the environment

• Participation is voluntary and cooperative

• The World Network of Biosphere Reserves currently has 748 sites in 134 countries
WHY ARE BIOSPHERE REGIONS IMPORTANT?

- Biosphere regions are learning places for sustainable development
- Connect people across disciplines, cultures, and borders to advance culture, nature, and the economy
- Promote local and regional actions to achieve global sustainable development goals
OVERVIEW OF THE CHAMPLAIN-ADIRONDACK BIOSPHERE REGION

• Designated in 1989
• Boundaries established according to a ‘bioregion’ consisting of the Lake Champlain watershed, portions of the Green Mountain National Forest, and entirety of the Adirondack Park
• Total surface area (terrestrial and marine): 9,859,504 acres (3,990,000 ha)
• Governed by volunteer Steering Committee and Youth Board
• Twinning agreement with the Frontenac Arch Biosphere Network
Champlain-Adirondack Biosphere Network

- **CABN Mission:** To serve as a collaborative network in the Champlain-Adirondack region that empowers citizens to build a thriving, equitable and resilient society that conserves biological diversity and promotes sustainable uses of natural resources in the face of a warming climate and other environmental changes.

- **CABN Vision:** Inspire a positive future for the Champlain-Adirondack Biosphere Region by celebrating and connecting people and nature.

- **CABN Value Proposition:** The Champlain-Adirondack Biosphere Network is an internationally recognized network that connects people and organizations working to build harmonious relationships between people and the environment.
1. Marquee issue: ‘Bioregional’ approach for CABN in the face of global climate change
2. Inspire and empower youth leaders across the region to support the SDGs
3. Establish CABN as a Collaborative Network regionally and internationally
4. Create a bioregional version of Adirondack Common Ground Alliance
5. Establish CABN as an international tourism destination that promotes destination stewardship and responsible community-based tourism
6. Act as a smart conduit for grant money
7. Research aggregator and originator
<table>
<thead>
<tr>
<th>Highlight</th>
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<tbody>
<tr>
<td><strong>3</strong> - New CABN Steering Committee Members</td>
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<td><strong>10</strong> - Projects awarded funding by the CVNHP</td>
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<td><strong>12</strong> - Locations in the biosphere region featured the CABN traveling exhibit</td>
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<td><strong>$9,776</strong> – LCBP E&amp;O grant supported traveling exhibit</td>
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<td><strong>$23,000</strong> - NAPECA Grant awarded to SUNY ESF Foundation to support a climate intern and initiate work on the <em>Atlas of Climate and Environmental Change in the Champlain-Adirondack and Frontenac Arch Biospheres</em></td>
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<td><strong>$25,000</strong> – New funding from the UNESCO Venice Office/Aberdeen Charitable Foundation to continue support of the climate atlas</td>
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<td><strong>$275,134</strong> - CVNHP grant funds supporting CABN-focused projects in 2024</td>
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CABN 2023 Highlights:
Atlas of Climate and Environmental Change

The CABN-FABN Atlas of Climate and Environmental Change

Search, Visualize, Download, Create

This platform is intended to assemble and integrate the most current data and information on key climate and environmental parameters into an accessible format and provide a holistic view of the issues affecting this globally significant transboundary region.
Promoting sustainable development through UNESCO’s programmes and sites: Project second-year cycle launched

On 6 September 2023, UNESCO and the abrdn Charitable Foundation (aCF) launched the second-year cycle of their joint project ‘Promoting sustainable development through UNESCO’s programmes and sites’ with the presentation of the 5 selected UNESCO designated sites from Europe and North America. The event also highlighted the progress achieved by the first-cycle sites. The meeting was hosted at the premises of the UNESCO Regional Bureau for Science for Culture in Europe, in Venice, Italy.
CABN 2023 Highlights: World Network of Mountain Biosphere Reserves
Biosphere in Your Backyard Campaign

• **Why now?** 2024 marks 35 years since the Champlain-Adirondack Biosphere Region was recognized by the UNESCO Man and the Biosphere Program. The Champlain Valley National Partnership selected the Champlain-Adirondack Biosphere to be the focus of its Conservation & Community interpretive theme.

• **Campaign Goals:** To increase awareness of the biosphere region’s international status; inspire people to connect responsibly with the unique natural and cultural resources of the biosphere region; and promote the projects, programs, and people working towards a sustainable future in the biosphere region in 2024.
Biosphere in Your Backyard Campaign Pillars

**EXPLORE**
Invite visitors and residents to get to know the biosphere region. Whether that be an exploration of our biosphere region’s unique natural beauty, the innovative science being done in our region to support a sustainable future, or anything in between!

**ENRICH**
A collective call to action to make a positive mark on the biosphere region. CABN’s vision is cooperative, only by working together can we build a future that works for people and the environment.

**ENJOY**
From the high peaks of the Adirondacks to the Green Mountains and all the wonderful, working landscapes in between, the Champlain-Adirondack Biosphere Region has something for everyone to enjoy.
EMPOWERING YOUTH

• *What Are You Looking At?: Eco-Hands Across the Biosphere*
  Bixby Memorial Free Library

• *Empowering Youth for Climate Action in the Champlain-Adirondack Biosphere Network*
  The Wild Center

• *Iron and Metal Arts in the Champlain-Adirondack Biosphere*
  Lake Champlain Maritime Museum
CONNECTING PEOPLE & NATURE

• *Future Forest Reimagined through Man and the Biosphere Reserves*
  Wildlands Network on behalf of CABN

• *Champlain-Adirondack Biosphere Exhibit and Programs*
  Lake Champlain Maritime Museum

• *A CAB Fiber Lab: Mapping Community Values in the Biosphere*
  Paul Smith’s College- Adirondack Watershed Institute
STORYTELLING FOR A SUSTAINABLE FUTURE

• Showcasing Sustainable Agritourism in the Champlain-Adirondack Biosphere
  Cornell Cooperative Extension of Essex County

• Celebrating the Heritage of the CABN during Adirondack Water Week
  Paul Smith’s College- Adirondack Watershed Institute

• Local Solutions in the Champlain-Adirondack Biosphere
  Folklife Center at Crandall Public Library

• Bixby Archives “Biosphere Lens” Finding Aids and Accessibility Intern
  Bixby Memorial Free Library
2024 & BEYOND

• Bioregionalism class between PSC and UVM
• Emerging Leaders Workshops in NY and VT
• Capturing Climate Change Phenology Project
• Bioblitz Competition
• Climate Atlas & Rural Planning
• Revisiting the CABN Strategic Plan
• Building & strengthening our networks
• Transboundary expansion

Photo Credit: Kelly Cerialo
Capturing Climate Change

Time lapses of Earth powered by community science.

Used by organizations worldwide to monitor the environment and inspire stewardship.

Explore chronologs  Get a chronolog
THANK YOU

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● CABN Coordinator
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Join us in building a sustainable future together!
## Convening Partners

### Regional Partners
- Lake Champlain Basin Program
- Champlain-Valley National Heritage Partnership
- The Wild Center - Adirondack Youth Climate Summit
- ADK Action
- South Hero Land Trust
- Vermont Department of Forests, Parks, and Recreation
- University of Vermont
- State University of New York’s School of Environment Science and Forestry
- Paul Smith’s College

### International Partners
- Twinning Agreement with Frontenac Arch Biosphere Network (Canada)
- Ledro Alps and Judicaria Biosphere Reserve (Italy)
- Tuscan Emilian Appenino Biosphere Reserve (Italy)
- Gouritz Cluster Biosphere Reserve, Cape West Coast Biosphere Reserve, Kogelberg Biosphere Reserve (South Africa)
- East Carpathian Biosphere Reserve (Ukraine)
- Mata Atlantica Biosphere Reserve (Brazil)
Criteria for Becoming a Biosphere Region

• Encompass a mosaic of ecological systems representative of major biogeographic regions, including a gradation of human interventions
• Be of significance for biological diversity conservation
• Provide an opportunity to explore and demonstrate approaches to sustainable development on a regional scale
• Have an appropriate size to serve the three functions of biosphere regions
What’s in a name?

- Biosphere Reserve
  - Area recognized by the UNESCO Man and the Biosphere Program
- Biosphere Region
  - In 2020, the US Biosphere Network adopted the term “region" instead of reserve”
- Biosphere Network
  - Collaborative of partners working to achieve the mission of the biosphere region