



BIOSPHERE
IN YOUR BACKYARD

Celebrating the Champlain-Adirondack Biosphere in 2024

Katie Darr

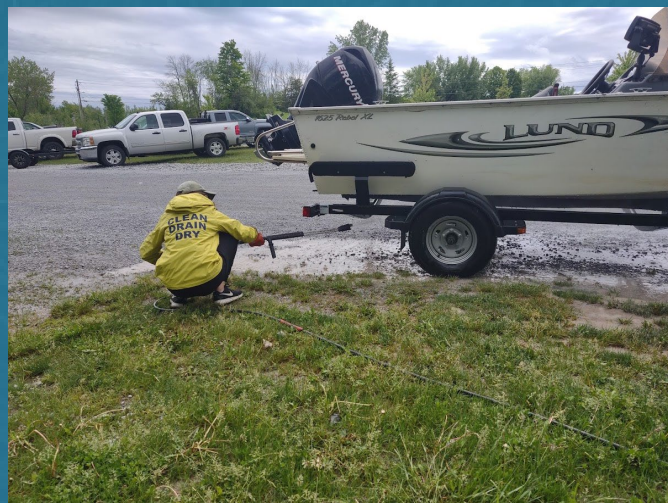
Champlain-Adirondack Biosphere Network Coordinator



United Nations
Educational, Scientific and
Cultural Organization



Man and
the Biosphere
Programme



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?



Flora



Fauna



Economic
development



Human
development



Research



Monitoring

- 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



SUSTAINABLE DEVELOPMENT GOALS

1 NO POVERTY



2 ZERO HUNGER



3 GOOD HEALTH AND WELL-BEING



4 QUALITY EDUCATION



5 GENDER EQUALITY



6 CLEAN WATER AND SANITATION



7 AFFORDABLE AND CLEAN ENERGY



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



10 REDUCED INEQUALITIES



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND



16 PEACE, JUSTICE AND STRONG INSTITUTIONS

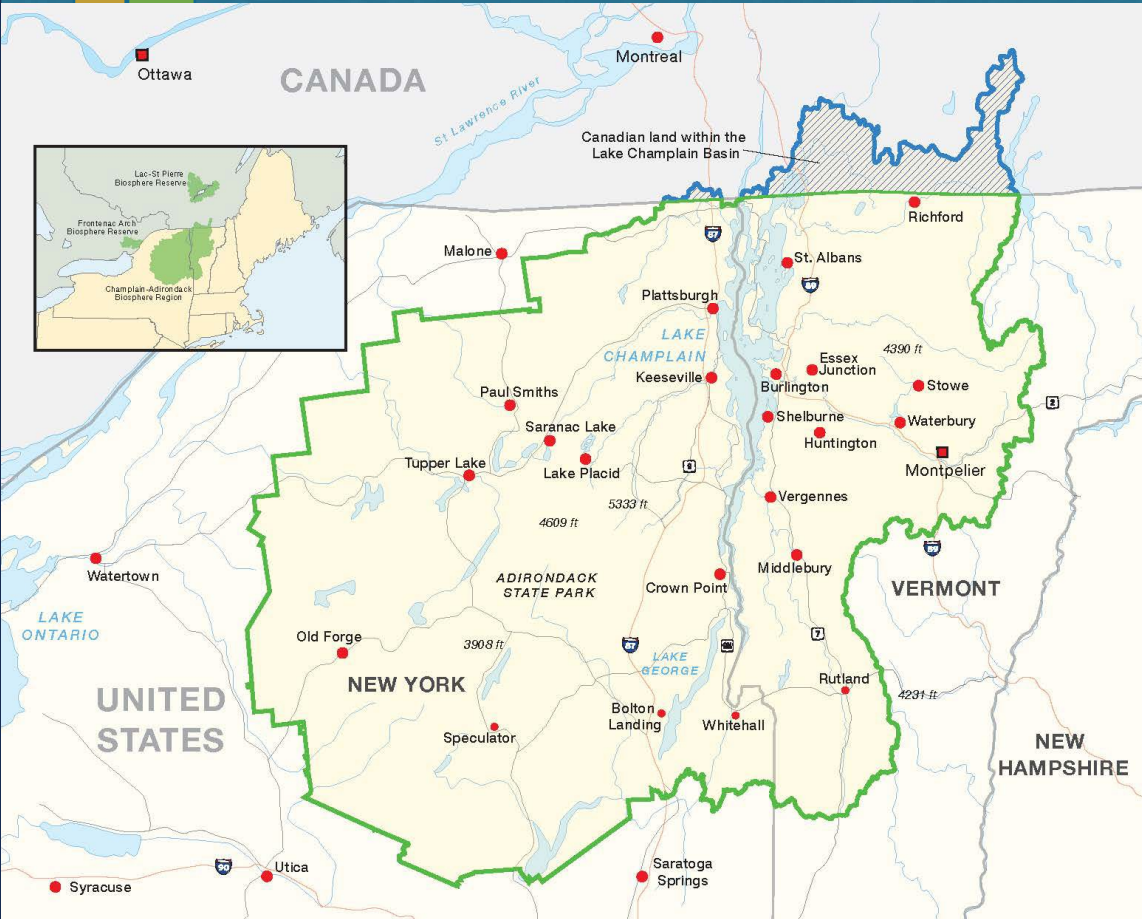


17 PARTNERSHIPS FOR THE GOALS



SUSTAINABLE DEVELOPMENT GOALS

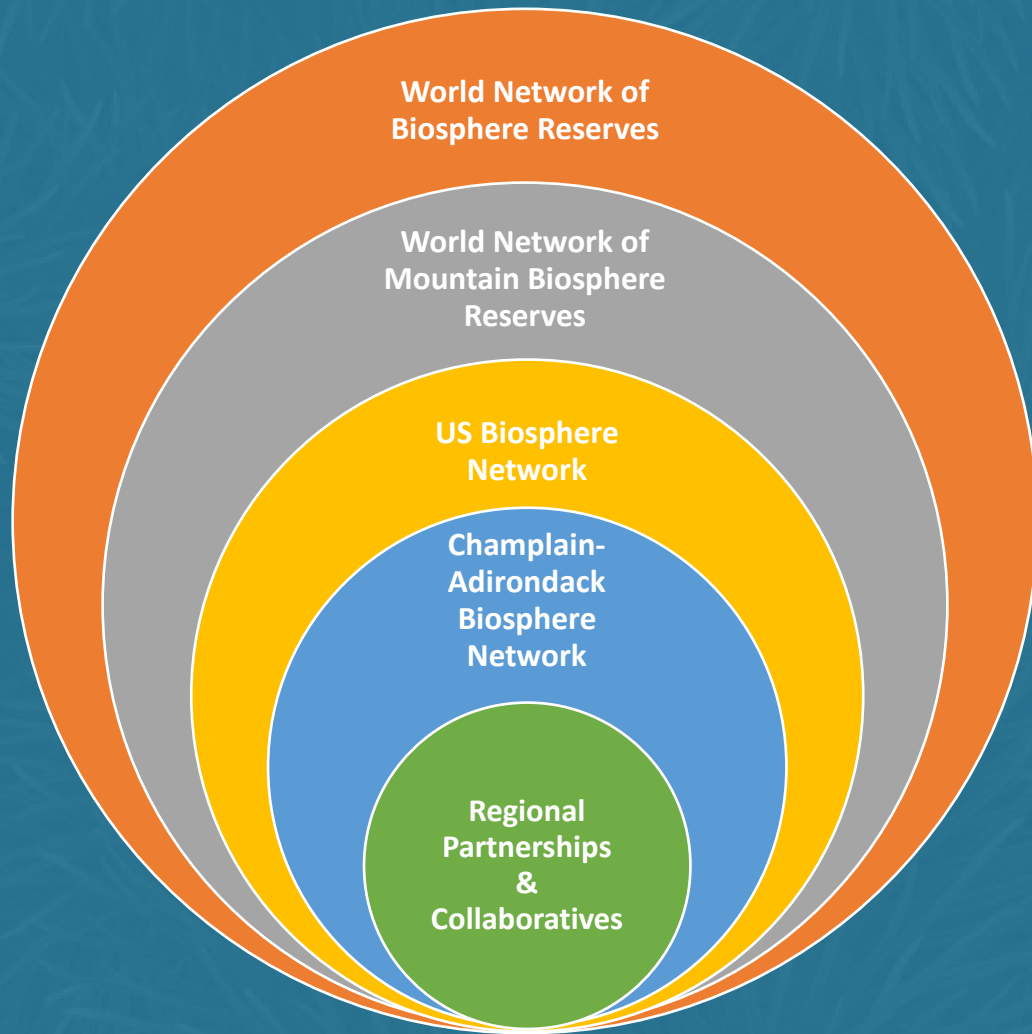
OVERVIEW OF THE CHAMPLAIN-ADIRONDACK BIOSPHERE REGION



- 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.



CABN'S 3-5 YEAR OBJECTIVES

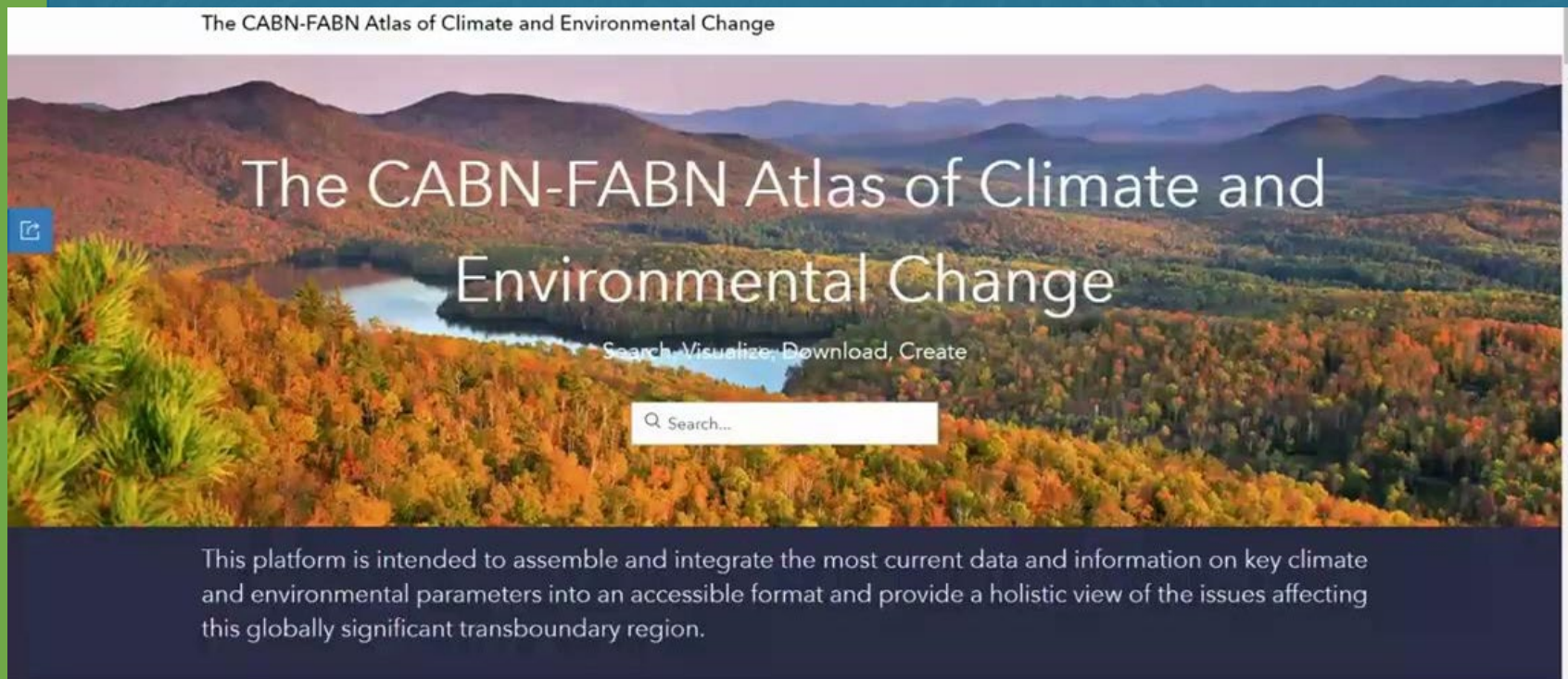
1. Marquee issue: 'Bioregional' approach for CABN in the face of global climate change
2. Inspire and empower youth leaders across the region to support the SDGs
3. Establish CABN as a Collaborative Network regionally and internationally
4. Create a bioregional version of Adirondack Common Ground Alliance
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

CABN 2023 Highlights: By the Numbers

- ✓ **3** - New CABN Steering Committee Members
- ✓ **10** - Projects awarded funding by the CVNHP
- ✓ **12** - Locations in the biosphere region featured the CABN traveling exhibit
- ✓ **\$9,776** – LCBP E&O grant supported traveling exhibit
- ✓ **\$23,000** - NAPECA Grant awarded to SUNY ESF Foundation to support a climate intern and initiate work on the *Atlas of Climate and Environmental Change in the Champlain-Adirondack and Frontenac Arch Biospheres*
- ✓ **\$25,000** – New funding from the UNESCO Venice Office/Aberdeen Charitable Foundation to continue support of the climate atlas
- ✓ **\$275,134** - CVNHP grant funds supporting CABN-focused projects in 2024

CABN 2023 Highlights: Atlas of Climate and Environmental Change

The CABN-FABN Atlas of Climate and Environmental Change



The CABN-FABN Atlas of Climate and Environmental Change

Search Visualize Download Create

Search...

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.

Contents

Layers Legend Jobs

Active Scenario

- ☒ Point of Interest
- ☒ Transportation
- ☒ Land Use

Study Areas

- CABN-FABN aol Make Active

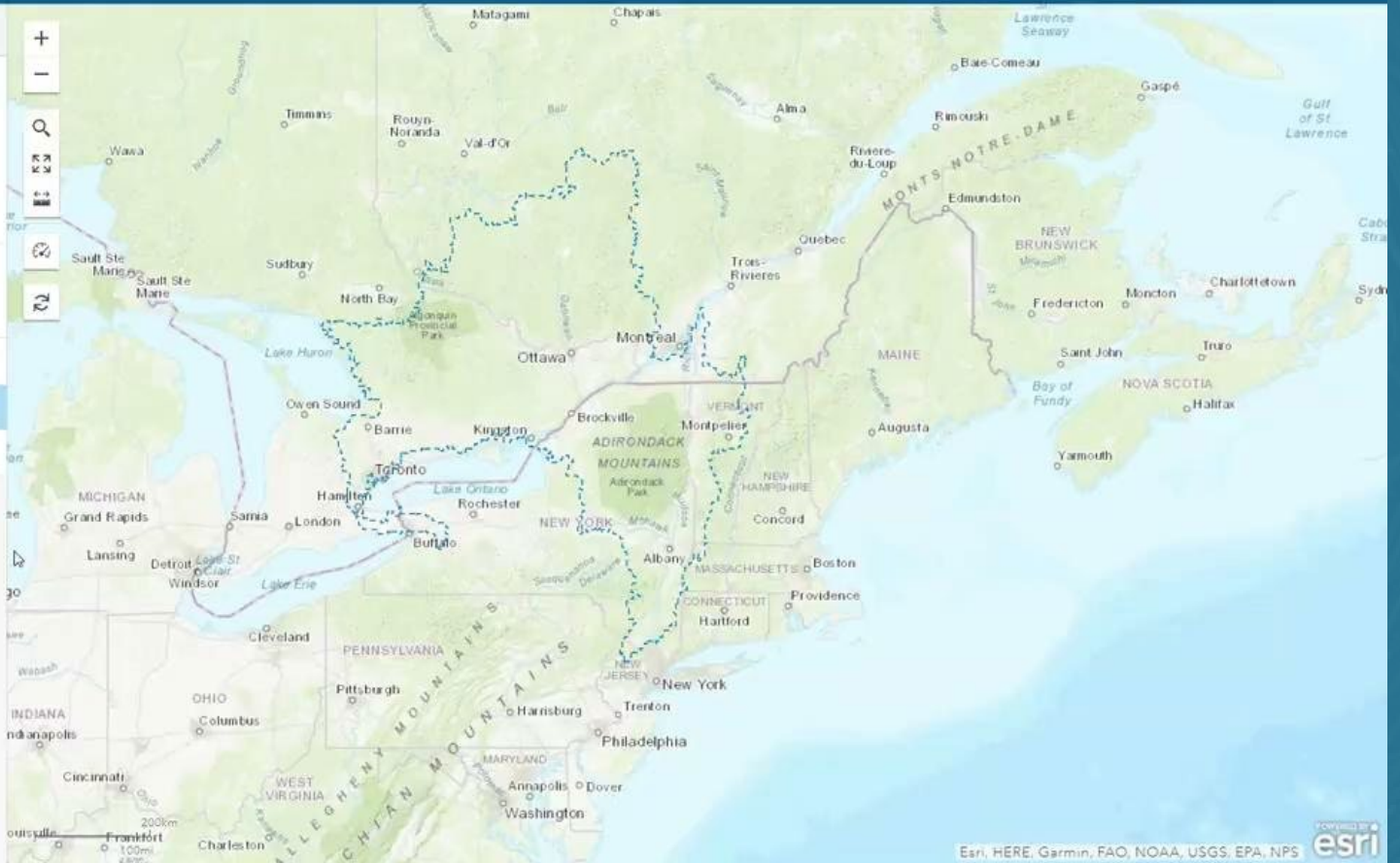
Data Layers

- ☒ CABN-FABN Vulnerability

3D Layers

Basemap

- ☒ Topographic



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

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



Dr. Michale Glennon

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



THANK YOU

CONTACT:

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CONNECT WITH US



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Biosphere Network



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Champlain Adirondack
Biosphere Network



Join us in building a sustainable future together!