SUBJECT to CLIMATE

2023 Annual Report
# Table of Contents

Navigate the document using the clickable headers below.

- **Letter From Our Founders**
- **Who We Are**
- **Our Core Platform**
- **Impact**
- **State Impact**
- **Our State Hubs**
- **In the News**
- **Contact Us**
- **Our Donors**
- **Appendix**
2023 was a remarkable year of growth and expansion for SubjectToClimate. This progress comes at a crucial time, as the world’s environmental challenges have elevated the need for climate action while students across the country are advocating to learn about climate change. This urgency is reflected in the introduction of climate change education bills in 10 states, as well as the Climate Change Education Act in the Senate. The message is clear: with climate change, we cannot ignore today’s youth, as they are tomorrow’s leaders, and we must equip them to address the climate challenge.

Our momentum, combined with the growing need for climate change education, drives us to do even more for teachers and their students. We started SubjectToClimate because we are driven by the belief that education is key to addressing climate change. Many educators want to teach about climate change but lack the time and the resources. As a team of current and former educators, our approach is practical and rooted in the daily realities of being a teacher. By providing easy access to exemplar lesson plans, vetted resources, and professional development, our goal is for educators to be more confident in teaching about climate change. And if more educators teach about climate change, more students will gain the knowledge and motivation to take climate action.

We know that education can drive systemic, sustainable change. In just 3 years, we have already reached over 400,000 K-12 educators. We also celebrated the launch of 3 additional State Hubs in Maine, Oregon, and Wisconsin. These hubs offer state standards-aligned and place-based resources, and most importantly, have helped us forge deep partnerships with teachers and other climate education stakeholders in each state. These relationships continue to guide our state work and inspire us as we see the efforts being made to educate students about climate change within each state. Looking ahead, we are excited to launch new State Hubs in New York, Connecticut, and California this summer, further expanding our reach and impact.

As we approach next year, we will continue to deepen our commitment to empowering all educators to easily and effectively teach about climate change, justice, and action. We look forward to the new school year, when we’ll continue to ensure educators can easily integrate climate change into what they already teach, build more State Hubs to enhance place-based learning, and explore emerging technologies, like AI, as tools to further aid educators. Our work is just beginning, and we thank you for supporting us on our journey!

Sincerely,

Margaret and David

June 2024
Who We Are

Vision
A future where every child learns about climate change and becomes a steward of our planet.

Mission
To empower all educators to easily and effectively teach about climate change, justice, and action.

Values

We believe in justice.
Learning about inequities will enable us to advocate for justice going forward.

We love our planet.
and we want to save it.

We trust science.
Our approach is objective and fact-based.

We value teachers.
We are current and former teachers working with educators to develop resources for teachers, by teachers.

We inspire climate action.
By enabling more educators to teach about climate change, we believe that the next generation will be inspired to take climate action.
Our Core Platform

We are a free platform with teacher-designed lesson plans, curated resources, and professional development opportunities to enable all K-12 educators to easily integrate climate change into what they already teach.

Visitors to our Core Website

We have seen a tremendous amount of growth, extending our reach to more than 400,000 users over the year and growing our site offerings to include over 2,400 resources. Broadening our reach allows us to connect with more educators, inspire more students, and be a driving factor towards a more sustainable future.

As of June 2024, we are proud to have on our platform:

- 2,570+ resources, with 400+ state-centric resources for local climate change education
- 228+ standards-aligned climate change lesson plans written by teachers, with 97 focused on state-centric topics
- 738+ news articles for students that can be differentiated by reading level, built in partnership with The Juice
- 71+ professional development opportunities for teachers to deepen pedagogical and climate change knowledge
- 168+ climate science and pedagogical help articles, built in collaboration with MIT’s Environmental Solutions Initiative
Impact
by the numbers

- 400,000+ unique users visited our core site since our launch in August 2021
- 57,000+ resources viewed based on our core website conversion data
- 95 official partners comprising organizations and individuals

NJ Teachers’ Perspectives on the Implementation of K-12 Climate Change Standards
After one semester of integrating climate change standards into curricula, New Jersey educators faced some obstacles but were optimistic in their ability to use SubjectToClimate’s resources going forward.

Climate Change Education in Primary School Classrooms
Upon completion of a SubjectToClimate unit, a class of third graders demonstrated a noticeable change in climate change beliefs and knowledge.

New Jersey Exemplar Lessons
This study analyzed the effectiveness of the rubric to evaluate lesson plans being written for our site by New Jersey educators.

Root for Innovation: A Case Study of Professional Development on Climate Change for Hawai’i Educators
SubjectToClimate, Elemental Excelelator, and Teach for America Hawai’i teamed up to host a six-week long professional development course for Hawai’i educators, whereby they were able to improve their knowledge about climate change and confidence in teaching about it.

“"I think by incorporating even the smallest changes we can make a difference. By making it a priority to teach about climate change, we can make a difference for our students!”
– Megan Nepshinsky, 7th grade math and science teacher

“I know that I don’t know it all, but so long as we have access to these modules and these resources, I am completely comfortable…”
– Emily Pepitone, 11th grade English teacher

After completing the Hawai’i teacher training sessions:

7 out of 9 teachers expressed a desire to teach at least four more climate change lessons than before.
State Impact
where we’ve been

4 customized state climate education hubs
3 state climate education hubs under development

Oregon Hub
https://oregonclimateeducation.org
August 2023
3,600+ site visitors

Wisconsin Hub
https://teachwisconsinclimate.org
August 2023
4,000+ site visitors

Maine Hub
https://maineclimatehub.org/
August 2023
4,000+ site visitors

New York Hub
Anticipated launch date of August 2024

Connecticut Hub
Anticipated launch date of September 2024

California Hub
Anticipated launch date of November 2024

New Jersey Hub
https://njclimateeducation.org/
August 2022
16,000+ site visitors

click the links to our current Hubs to read more!
Our State Hubs

We enhance a state’s environmental education efforts by coordinating cooperation and unified action among various education partners, adapting our core platform to facilitate place-based learning, and providing training for educators.

New Jersey

About the Hub

https://njclimateeducation.org/

State Lead: Elaine Makarevich

Our first customized State Hub, launched in June 2022 in partnership with multiple local stakeholders, met great success in 2023. The New Jersey Department of Education awarded SubjectToClimate funding to create 17 place-based units for K–5 educators for publication on the New Jersey Climate Change Education Hub.

Data from Teachers

Based on feedback we received from educators, we found that those who used our New Jersey Climate Change Education Hub:

- Felt more prepared to integrate New Jersey’s updated climate change standards.
- Completed more professional development on climate education than non-Hub users.
- Integrated climate change into their classrooms more often than non-Hub users.

Place-based, Local Lesson Plans

By the end of 2023, our New Jersey Hub had over 150 NJ-centric resources from content partners and nearly 50 NJ-centric lesson plans written by NJ teachers. We also hired a New Jersey State Lead—a retired NJ teacher with decades of experience. In this position, they work to promote engagement with the NJ Hub, ensuring that NJ educators know about these free resources and that they are accessible to teachers statewide.

The New Jersey Department of Education provided funding support for SubjectToClimate to add 51 more lesson plans—correlating to 17 unit plans—which will be created by a cohort of NJ educators trained by SubjectToClimate.

Supporting Organizations

National Wildlife Federation
New Jersey Audubon
New Jersey School Boards Association
Sustainable Jersey
The College of New Jersey
Maine

About the Hub

https://maineclimatehub.org

State Lead: Carey Hotaling

The Maine Climate Education Hub was established in Maine 2023, in partnership with the Maine Environmental Education Association (MEEA) and through further collaboration with 25 Maine-based teachers and other climate education stakeholders. The Maine State Lead has given multiple presentations to state educators and worked to increase engagement with the Maine Hub. SubjectToClimate and the MEEA are actively working to train a cohort of local educators to create Maine lessons, made possible by local funders such as The Onion Foundation, The Lisa Target Foundation, and the Maine Community Foundation.

Local Climate Resources

The Maine Climate Education Hub is a place for local educators to find relevant material they can use in their classrooms, so that teachers can connect classroom learning to their own environments. By the end of 2023, the Hub had 70+ ME-centric resources.

Advisory Committee Members

* denotes Working Committee Members

Justine Appel
Brooksville Elementary School

Diana Allen
Teacher, Sanford Middle School, and Maine Science Teacher Association Rep

Karen Brace
Appalachian Mountain Club

Kim Charmatz
University of Southern Maine

Katie Coppens*
Teacher, Falmouth Middle School and NSTA Author

Drew Dumsch
The Ecology School

Nicole Forsyth
Earth Rangers

Nicole Foster
RSU 20

Rosanna Gargiulo
RSU 12

Olivia Griset*
Maine Environmental Education Association

Carey Hotaling*
Retired Teacher, Nature Based Education Consortium

Lena Ives
Maine TREE and Project Learning Tree

Suzanne Kahn
Wells National Estuarine Research Reserve

Robin Lea
Gulf of Maine Research Institute

Chris Loew
Cumberland Counting Soil & Water Conservation

Melissa Luetje*
Teacher, RSU 5

Hajna Nagy*
The Climate Initiative

Liz Potter-Nelson
University of Maine Farmington

Seal Rossignol
Center for an Ecology-Based Economy (CEBE)

Anna Sommo
Maine Environmental Education Association

Lacey Todd
Maine Science Teachers Association; Maine County and State Teachers of the Year Association, RSU 10

John Van Dis
Teacher, Five Towns Schools

Katherine West
Portland Public Schoo
Oregon

About the Hub

https://oregonclimateeducation.org

State Lead: Breck Foster

The Oregon Climate Education Hub was launched in August 2023, in partnership with Oregon Educators for Climate Education. Our Oregon State Lead raises awareness of the Hub throughout the state, particularly focusing on engagement with rural and underserved communities in Oregon. In addition, we launched the Oregon Thought Leaders Committee—a group of 60+ Oregon-based individuals working on climate education who meet monthly to discuss ideas for Hub expansion and engagement.

State-Adapted Lesson Plans

Teachers can browse the resource database and find lesson plans that address the local impacts of climate change. By the end of 2023, the Hub had 85+ OR-centric resources and 14 OR-centric lesson plans written by Oregon teachers.

Take Action

In addition to inspiring student action through lessons, the Hub also connects users with the Oregon Climate Action Hub, an information hub about climate action opportunities at the individual, community, organizational, and policy levels, with a focus on collective action.
<table>
<thead>
<tr>
<th>Thought Leadership Committee Members</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Oregon</strong></td>
</tr>
<tr>
<td>Drew Alcoser</td>
</tr>
<tr>
<td>Cascadia Stack</td>
</tr>
<tr>
<td>Dominique Bachelet</td>
</tr>
<tr>
<td>Oregon State University</td>
</tr>
<tr>
<td>Dominique Bachelet</td>
</tr>
<tr>
<td>Oregon State University</td>
</tr>
<tr>
<td>Mel Bankoff</td>
</tr>
<tr>
<td>Partners for Sustainable Schools</td>
</tr>
<tr>
<td>Gwyn Benders</td>
</tr>
<tr>
<td>Bridger Creative Science School PTA;</td>
</tr>
<tr>
<td>Eco School Network</td>
</tr>
<tr>
<td>Alicia Coughlan</td>
</tr>
<tr>
<td>Edison Elementary - 4J Eugene School</td>
</tr>
<tr>
<td>District</td>
</tr>
<tr>
<td>Erin Crew</td>
</tr>
<tr>
<td>Churchill High School, Eugene 4j</td>
</tr>
<tr>
<td>Joan Croome</td>
</tr>
<tr>
<td>Lake Oswego School District</td>
</tr>
<tr>
<td>Tami Darden</td>
</tr>
<tr>
<td>Partners for Sustainable Schools</td>
</tr>
<tr>
<td>Amanda Dariak</td>
</tr>
<tr>
<td>Scappoose High School</td>
</tr>
<tr>
<td>Natalie deFrance Dreyer</td>
</tr>
<tr>
<td>BRIC Architecture</td>
</tr>
<tr>
<td>Alice Eldridge</td>
</tr>
<tr>
<td>Philomath High School</td>
</tr>
<tr>
<td>Ari Effinger</td>
</tr>
<tr>
<td>Portland Public Schools</td>
</tr>
<tr>
<td>Olivia Farnham</td>
</tr>
<tr>
<td>Beyond Toxics</td>
</tr>
<tr>
<td>Breck Foster</td>
</tr>
<tr>
<td>Lake Oswego High School</td>
</tr>
<tr>
<td>Maggie Frassetto Cline</td>
</tr>
<tr>
<td>Eugene SD 4J</td>
</tr>
<tr>
<td>Rebecca Hall</td>
</tr>
<tr>
<td>Rachel Carson Program Of Env. Science</td>
</tr>
<tr>
<td>at Cedar Park MS</td>
</tr>
<tr>
<td>Jack Halsey</td>
</tr>
<tr>
<td>Oswego Lake Watershed Council</td>
</tr>
<tr>
<td>Alison Heimowitz</td>
</tr>
<tr>
<td>Oregon Metro</td>
</tr>
<tr>
<td>Darin Henry</td>
</tr>
<tr>
<td>Oregon Educators for Climate Education</td>
</tr>
<tr>
<td>Sam Henstell</td>
</tr>
<tr>
<td>Oregon Health Authority</td>
</tr>
<tr>
<td>Bradford Hill</td>
</tr>
<tr>
<td>Mountainside High School</td>
</tr>
<tr>
<td>Stefanie Holloway</td>
</tr>
<tr>
<td>Greater Oregon STEM Hub</td>
</tr>
<tr>
<td>Yasmeen Hossain</td>
</tr>
<tr>
<td>Oregon Natural Resources Education</td>
</tr>
<tr>
<td>Program - OSU Extension</td>
</tr>
<tr>
<td>Lisa Iacovetta</td>
</tr>
<tr>
<td>Eugene 4J</td>
</tr>
<tr>
<td>Xiaowen Jensen</td>
</tr>
<tr>
<td>Chinese Immersion School</td>
</tr>
<tr>
<td>Sybil Kelley</td>
</tr>
<tr>
<td>PSU-Leadership for Sustainability</td>
</tr>
<tr>
<td>Education HS - Learning Gardens</td>
</tr>
<tr>
<td>Laboratory</td>
</tr>
<tr>
<td>Eric Kellon</td>
</tr>
<tr>
<td>David Douglas HS</td>
</tr>
<tr>
<td>Suzanna Kruger</td>
</tr>
<tr>
<td>Seaside High School</td>
</tr>
<tr>
<td>Emma Kyzivat</td>
</tr>
<tr>
<td>SEI</td>
</tr>
<tr>
<td>Randy L. Knop</td>
</tr>
<tr>
<td>Democratic Party of Oregon Education</td>
</tr>
<tr>
<td>Caucus</td>
</tr>
<tr>
<td>Skye Lipson</td>
</tr>
<tr>
<td>Eugene School District 4J</td>
</tr>
<tr>
<td>Katie Lynch</td>
</tr>
<tr>
<td>University of Oregon</td>
</tr>
<tr>
<td>James McClain</td>
</tr>
<tr>
<td>PPS</td>
</tr>
<tr>
<td>Mary Mcginnis</td>
</tr>
<tr>
<td>OEA Retired</td>
</tr>
<tr>
<td>Wendy McKenzie</td>
</tr>
<tr>
<td>Network Charter School &amp; Nearby</td>
</tr>
<tr>
<td>Nature</td>
</tr>
<tr>
<td>LeeAnn Mikkelson</td>
</tr>
<tr>
<td>Oregon Natural Resources Education</td>
</tr>
<tr>
<td>Program</td>
</tr>
<tr>
<td>Mary Mcginnis</td>
</tr>
<tr>
<td>OEA Retired</td>
</tr>
<tr>
<td>Wendy McKenzie</td>
</tr>
<tr>
<td>Network Charter School &amp; Nearby</td>
</tr>
<tr>
<td>Nature</td>
</tr>
<tr>
<td>LeeAnn Mikkelson</td>
</tr>
<tr>
<td>Oregon Natural Resources Education</td>
</tr>
<tr>
<td>Program</td>
</tr>
<tr>
<td>Kate Mills</td>
</tr>
<tr>
<td>University of Oregon</td>
</tr>
<tr>
<td>Megan Mooney</td>
</tr>
<tr>
<td>Caldera HS - Bend Lapine School District</td>
</tr>
<tr>
<td>Marisa Morby</td>
</tr>
<tr>
<td>Independent</td>
</tr>
<tr>
<td>Austen Needleman</td>
</tr>
<tr>
<td>Strategic Energy Innovations (SEI)</td>
</tr>
<tr>
<td>Anne Nesse</td>
</tr>
<tr>
<td>Miyawaki Method Tiny Forests</td>
</tr>
<tr>
<td>Frank Niepold</td>
</tr>
<tr>
<td>NOAA Climate Program Office</td>
</tr>
<tr>
<td>Jessica Nischik-Long</td>
</tr>
<tr>
<td>Familias en Acción</td>
</tr>
<tr>
<td>Katie Penwell</td>
</tr>
<tr>
<td>St. Rose School</td>
</tr>
<tr>
<td>Kaci Rae Christopher</td>
</tr>
<tr>
<td>Seed to Table</td>
</tr>
<tr>
<td>Quinn Read</td>
</tr>
<tr>
<td>Portland Audubon</td>
</tr>
<tr>
<td>Sydney Reed</td>
</tr>
<tr>
<td>Eagle Charter School</td>
</tr>
<tr>
<td>Jamie Repasky</td>
</tr>
<tr>
<td>Metro Regional Government</td>
</tr>
<tr>
<td>Jamie Rumage</td>
</tr>
<tr>
<td>Oregon Department of Education</td>
</tr>
<tr>
<td>Betsy Russell Carroll</td>
</tr>
<tr>
<td>OFSSGN / Walla Walla Valley Farm to</td>
</tr>
<tr>
<td>School</td>
</tr>
<tr>
<td>Amy Sabbadini</td>
</tr>
<tr>
<td>Civics Learning Project</td>
</tr>
<tr>
<td>Noemi Sarabia-Feria</td>
</tr>
<tr>
<td>Clackamas County - Sustainability &amp;</td>
</tr>
<tr>
<td>Solid Waste</td>
</tr>
<tr>
<td>Sarah Ruggiero</td>
</tr>
<tr>
<td>OECE and Eugene 4J School District</td>
</tr>
<tr>
<td>Tana Shepard</td>
</tr>
<tr>
<td>Eugene 4J</td>
</tr>
<tr>
<td>Tania Stein</td>
</tr>
<tr>
<td>PPS</td>
</tr>
<tr>
<td>Iain Sterry</td>
</tr>
<tr>
<td>Bonneville Environmental Foundation</td>
</tr>
<tr>
<td>John Stewart</td>
</tr>
<tr>
<td>University of Hartford, CT</td>
</tr>
<tr>
<td>Caz Swank</td>
</tr>
<tr>
<td>Independent</td>
</tr>
<tr>
<td>Zach Taylor</td>
</tr>
<tr>
<td>Ecology in Classrooms &amp; Outdoors</td>
</tr>
<tr>
<td>Catherine Tran</td>
</tr>
<tr>
<td>Master Recycler and in training in Eco-</td>
</tr>
<tr>
<td>Schools Network</td>
</tr>
<tr>
<td>Evelia Verburg</td>
</tr>
<tr>
<td>Corvallis Environmental Center</td>
</tr>
<tr>
<td>Patrick Walsh</td>
</tr>
<tr>
<td>Catlin Gabel School</td>
</tr>
<tr>
<td>Sarah Wasserman</td>
</tr>
<tr>
<td>Medford Regional Government</td>
</tr>
<tr>
<td>Jocelyn Wensel</td>
</tr>
<tr>
<td>NAACP</td>
</tr>
<tr>
<td>Sarah Woods</td>
</tr>
<tr>
<td>Ecology in Classrooms &amp; Outdoors (ECO)</td>
</tr>
<tr>
<td>Lourdes Yparraguirre</td>
</tr>
<tr>
<td>Foodcorps - McNary Heights Elementary</td>
</tr>
<tr>
<td>School</td>
</tr>
</tbody>
</table>
Our State Hubs

Wisconsin

About the Hub

https://teachwisconsinclimate.org
State Lead: Michael Aprill

The Wisconsin Climate Education Hub was launched in August 2023, in partnership with the Wisconsin Department of Public Instruction and Milwaukee Public Schools. We recently hired a Wisconsin State Lead to guide our engagement with educators and educational organizations around the state.

State-Adapted Lesson Plans

By the end of 2023, the WI Hub had 80+ WI-centric resources, including a WI-centric lesson plan for grades K-2 (snippets shown below) that explores the work of engineers and wind energy. Through our partnership with Milwaukee Public Schools (MPS), we have been able to provide professional development for MPS teachers, co-led by the district’s Climate Justice Instructional coach.

Teach Wisconsin Climate Network Fellowship

The Wisconsin DPI is coordinating with Wisconsin Center for Environmental Education to create the Teach Wisconsin Climate Network Fellowship. These will be the first cohort of educators that will go through SubjectToClimate’s training to create Wisconsin-centric exemplar lesson plans.

Advisory Committee Members

* denotes Working Committee Members

Kevin Anderson
Wisconsin Energy Institute, UW-Madison
Allison Bender
Milwaukee Public Schools
Beca Borowski*
Gates Ventures - OER Project
Tera Fieri
Wisconsin Association for Environmental Education
Samara Hamze
Wisconsin Ag in the Classroom/WI Farm Bureau Foundation
Charles Hua
Western Technical College
Jessica Knackert
Rewiring America
Leigh Kohlmann
Waterford Union HS
Craig Kohn
Slipstream
Gail Kraus
Milwaukee Public Schools
Sarah Kroening*
Milwaukee Public Schools
Kathy Kuntz
University of Wisconsin, Stevens Point
Angelina Meadows
Milwaukee Public Schools
Casey Meehan
Wisconsin DNR
Kim Milligan
Milwaukee Public Schools
Lisa Neeb
Dane County Office of Energy & Climate Change
Victoria Rydberg*
Wisconsin Department of Public Instruction
Beth Schaefer
Milwaukee Public Schools
Kevin Schiebenes
Milwaukee Public Schools
Gina Smith
Milwaukee Public Schools
Kimberly Talarico*
Independent
Steve Vande Zande
Reflo
David Vigliotta
KEEP & WCEE
Drew Wallsworth
Children’s Health Alliance
Andrew Wellnhoff
Milwaukee Public Schools
Gloria Woo
Marathon School District
Kaela Zielinski
Wisconsin Department of Public Instruction
Our State Hubs

California

About the Hub

Anticipated launch in November 2024

SubjectToClimate is working with the UC and CSU’s Environmental and Climate Change Literacy Projects (ECCLPs) to develop a California Hub to advance pre-kindergarten through 12th grade (PK–12) climate and environmental literacy, justice, and action for pre-service and in-service educators.

Connecticut

About the Hub

Anticipated launch in September 2024

State Lead: Jim Clifford

Connecticut joined New Jersey as one of the few states requiring climate change to be taught as part of the state-wide science curriculum for public schools. In addition, the Connecticut Department of Energy and Environmental Protection (DEEP) has released an Environmental Literacy Plan to encourage actions and behaviors for long term environmental change based on knowledge, communication, and decision-making. The Connecticut Climate Education Hub will support educators to adhere to these requirements by making it easier for Connecticut educators of all grade levels and subjects to teach about climate change.

Advisory Committee Members

* denotes Working Committee Members

Nikki Barratt
Greenwich Country Day School

Caley Beatty
Common Ground/New Haven Ecology Project Environmental Educator

Jillian Bell
Audubon CT-NY

Hugh D. Birdsell*
Reforest the Tropics

Chris Borelli
Amity High School

Dave Bosso
CT Council for Social Studies

Chris Buckley
Brookfield High School

Rowena Capuno*
Children’s Environmental Literacy Foundation

Julie Christianson*
Capitol Region Education Council Magnet Schools

Sandra Clark
New Haven Public Schools

Jim Clifford*
Exploring Climate / Director COEEA - Board Member

Sydney Collins
City of New Haven Department of Youth and Recreation

Leticia Colon
Green Eco Warriors

Shannon Cully*
New Haven Ecology Project/Common Ground

Elizabeth DiLernia
Independent

Kasey Dunn
Cooperative Educational Services (RESC)

Jegbe Fosoranti
Elm City Montessori

Monica Maccara Filippu
Common Ground Charter High School, Urban Farm and Environmental Education Center

Miller Fishback
Leaders of the Next Generation

John Foldeak*
Norwalk Public Schools

Luke Forshaw
Independent

Vicky Garufi
CELF

Shawn Gregory
CT Sierra Club

Rose Hansen
Yale Student Environmental Coalition

Jason Hine
(formerly of Mystic Seaport and East Lyme Public Schools & connected to Christine Palm)

Kimberly Hughes
COEEA

Adrian Huq
New Haven Climate Movement

Justin Kaput
Suffield Public Schools, COEEA, NAAEE

Darlene Kascak
IAIS Museum & Research Center

Roger Kuhns
Citizens Climate Lobby

Sameera Madan
Leaders of the Next Generation

John Foldeak*
New Haven Climate Movement

Mary Quinlan
Central CT State University

Tara Stafford Ocansey
CELF

Diana Payne*
University of Connecticut/Connecticut Sea Grant

Jacklyn Pizzella
Leaders of the Next Generation

Susan Quincy
CT DEEP

Molly Robertson
Darien Nature Center

Jeffrey D. Sack
Member of SENEME

Joel Tolman
Common Ground High School, Urban Farm & Environmental Education Center

Beth Ward*
SubjectToClimate

Steve Wood
The Nature Conservancy
Our State Hubs

New York

About the Hub

Anticipated launch in August 2024

State Lead: Rachel Arbor

The New York Climate Education Hub is being developed in partnership with the NY chapter of the National Wildlife Federation and the Climate and Resilience Education Task Force. The New York Climate Change Hub will allow educators to easily access vetted K-12 climate change teaching resources aligned to New York educational standards, professional learning opportunities, exemplar lesson plans, and more.

Advisory Committee Members

* denotes Working Committee Members

Denise Aikens
PS583 Bronx
Deb Amoroso
IS24
Rachel Arbor*
Garrison School District
Jase Bernhardt
Hofstra University
Kier Blake
Start Empowerment
Greg Borman
NYC Public Schools (NYCPS)
Tiffany Briery
Trust for Public Land
Eli Caref
Billion Oyster Project
Yadana Nath Desmond
STEMteachersNYC
Cindy McCraw Dircks
Independent
Emily Fano*
National Wildlife Federation/CRETF
Ann Fraioli
Billion Oyster Project
Paola Garcia
Biotecture Planet Earth
Kelli Grabowski*
Independent
Zakhia Grant
EcoRise
Don Haas
The Paleontological Research Institution
Susan Harris
NY State Public Health Association
Monica Ibáñez
Beyond Organic Design Inc
Riley Justis
Independent
Aysha Khan
Launch Expeditionary Learning School
Brandon Kraft
Spence School
Christina Kwauk
Kwauk & Associates
Julie Kwong
MESA Charter High School
Diana Lennox
NYC DOE Schools, Climate Education Leadership Team
Chih-Ian Lu
Here on Earth
Tatiana Merrick
Buffalo Public Schools
Seth O’Brien
The Harley School
Elissa Teles Munoz*
EarthMinds Consulting, LLC
Tara Stafford Ocansey
Children’s Environmental Literacy Foundation
Suzanne Palzelt
Touro University
Benedetta Planteilla
NYU Tandon School of Engineering
Deborah Reich
NYC DOE Climate Education Leadership Team
Ann Rivet
Teachers College Columbia University
Geoff Roehm
Launch School
Vicki Sando
PS 41 The Greenwich Village School
Alexa Schindel*
University at Buffalo, SUNY
Kristin Schreiber
Billion Oyster Project
David Szcesnak*
NYC DOE
Harriet Shugarman
ClimateMama/CRETF
Clarene Similien
DOE
Robert Steiner
American Museum of Natural History
Emily Stutts
NYC DOE
Yohana T.
Tetra Tech
Beth Ward*
SubjectToClimate
State Project Manager, Teaching Materials Designer
Jennifer Williams
Take Action Global
Ingrid Zabel
Paleontological Research Institution
Manuela Zamora
NY SUN WORKS
Colby Zentner*
NYC Public Schools
Lindsay Zilly
Independent
Explore practical strategies and resources for educators to seamlessly integrate local, solutions based climate change education into their classrooms—with SubjectToClimate’s resources.

COLUMN: The climate change lesson plans teachers need and don’t have

In a quest sparked by her child’s curiosity about space, Angelique Hammack crafts climate change lessons for SubjectToClimate, revealing Earth’s uniqueness as a "Goldilocks planet" and the importance of interdisciplinary education amidst growing interest in climate curriculum nationwide.

New Wisconsin Climate Education Hub Provides Free Resources for Teachers

The Wisconsin Department of Public Instruction, Milwaukee Public Schools, and other Wisconsin-based climate and educational organizations partner with nonprofit SubjectToClimate to launch the Wisconsin Climate Education Hub.

Making Climate Change Connections in Every Class

Co-authored by SubjectToClimate and the Council on Foreign Relations Education, this article discusses how when students learn about climate change across the curriculum, they see different parts of the problem—and different ways to be part of the solution.

You Can Teach About Climate Change in Every Subject and Grade Level. Here’s How

EducationWeek reports on how SubjectToClimate’s is integrating climate change in all content areas.

ME Students Benefit from New Climate Change-Related Education Tool

Public News Service reports on how the Maine Climate Education Hub will help teachers implement Maine’s Environmental Literacy Plan.
In the News
press and media

Murphy Administration Launches Resource to Help Teachers Incorporate Climate Change Into Lesson Plans
September 18, 2023
NJ DEP announces the release of the Summary of Climate Change in New Jersey, highlighting how this resource can be used in conjunction with SubjectToClimate’s New Jersey Climate Change Education Hub and Climate Teaching Mentorship Program to help teachers apply the new learning standards.

New Jersey requires climate change education. A year in, here’s how it’s going
August 21, 2023
New Jersey students engage in climate education, intertwining art and multiple subjects to understand climate realities. State standards drive empowerment despite opposition, fostering advocacy for inclusive climate curriculum with the support of SubjectToClimate’s New Jersey Climate Change Education Hub.

Reading, Writing, Math … and Climate Change?
January 22, 2024
New York City teachers undergo climate education training to integrate lessons on climate change across subjects, echoing nationwide efforts, citing how SubjectToClimate helps teachers develop and share their lesson plans, provides accessible resources, and ideas for interactive activities.

Want teachers to teach climate change? You’ve got to train them
August 2, 2023
Columbia University teamed up with NYC Public Schools to deliver impactful teacher training, focusing on the integration of climate change into lessons, with assistance from SubjectToClimate.

To Address Climate Change, New Findings on Climate Attitudes & Learning Outcomes Offer Insight
April 20, 2024
Get a glimpse into new research from the Center for Sustainable Futures on American attitudes toward climate change and education, and discover how proactive organizations like SubjectToClimate are actively contributing to solutions.
Contact Us

Core Website

www.subjecttoclimate.org
info@subjecttoclimate.org

New Jersey Climate Change Education Hub

https://njclimateeducation.org/
State Lead: Elaine Makarevich
elaine.makarevich@subjecttoclimate.org

Wisconsin Climate Education Hub

https://teachwisconsinclimate.org/
State Lead: Michael Aprill
michael.aprill@subjecttoclimate.org

Oregon Climate Education Hub

https://oregonclimateeducation.org/
State Lead: Breck Foster
breck.foster@subjecttoclimate.org

Maine Climate Education Hub

https://maineclimatehub.org/
State Lead: Carey Hotaling
carey.hotaling@subjecttoclimate.org

Board of Directors

Laura Di Bonaventura
Parul Gupta
David Jaffe, Chair
Tamara Ledley
Ingrid Zabel

Advisory Board

Liz Cutler
Tina Grotzer
Brandon Kraft
Alexia Leclercq
Deb L. Morrison
Hoang Phan
Geri Unger
Will Wong

Heads of Department

Margaret Wang
Emily Rogers
Content Management
Meighan Hooper
Marketing
Jina Han
Platform Development
Julia Turner
Research & Communications
Nita Seng
Teacher Community
Our Donors

Supporters

Colbert’s AmeriCone Dream Fund
Jaffe Family Foundation
Lisa Target Foundation
Maine Community Foundation
New Jersey Department of Education
Sonnenfeldt Foundation
The Onion Foundation
The Spencer Foundation
The Selective Insurance Group Foundation
Wiener Family Future Foundation

Individual Donors

David A Estes Jr
Ashley Adams
Kamel Adi
Eamon Aghania
Archibong Akpan
Kiley Allen
Ellie Aronowsky
Jane Aronowsky
Atish Baidya
Kevin Ball
Andy Bartholomew
Midori Batten
Dan Brett
Forrest Brown
Susan Burke
Dan Castrigano
John Castrigano
Paul Castrigano
Alice Chan
Chris Chan
Michael Chodroff
Matthew Choi
Stephanie Chow
Megan Christensen
Andrea Chu
Jessica Clingman
Jennifer Cowert
Matt Dandola
Pat Devoy
Anne Diaz
Thomas DiNatale
Ashley Dodd
Tome Dooner
Diane Estes
Jordan Estes
Madeline Estes
Diane Evans
Mary Flynn
Breck Foster
Ariella Granett
Lisa Greenwood
Parul Gupta
Alex Heil
Ceri Heubel
Charles Hydrio
Janay Ingram
Joanna Irving
Joseph Kemper
Melanie Kemper
Mike Kolleng
Jennifer Konya
Yana Kusayeva
Mike Lanza
Richard Lawson
Tamara Ledley
Lee Lee Lee
Austin Lehn
Benjamin Lim
Christina Liuzza
Zack Loebel-Begelman
Will Long
Elaine Makarevich
Becky Marder
Penelope Markle
Sam Mason
John Mcguirk
Taylor McLemore
Adam Meltzer
Beth Pender
Allan Pestotnik
Jake Przespo
Elizabeth Ransom
Richard Reynolds
Emily Rogers
Natalie Sanchez
Noah Silas
Danny Silk
Pete Sims
Randy Soukup
Ethan Thomas
Kevin Tom
Nancy Turner
Geri Unger
Jackie Varga
Margaret Wang
Vera Wang
Mark Wilson
John Wood
Ingrid Zabel
# Appendix

95 official organizational partners

<table>
<thead>
<tr>
<th>Action for the Climate Emergency (ACE)</th>
<th>The All We Can Save Project</th>
<th>American Museum of Natural History</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art Works for Change</td>
<td>ASU College of Global Futures</td>
<td>BioInteractive</td>
</tr>
<tr>
<td>Bow Seat</td>
<td>C3 Teachers</td>
<td>The Captain Polo Climate Academy</td>
</tr>
<tr>
<td>Center for Ecoliteracy</td>
<td>Center for Sustainable Futures at Teachers College, Columbia University</td>
<td>Children’s Environmental Literacy Foundation</td>
</tr>
<tr>
<td>Citizens’ Climate Education</td>
<td>Civics Unplugged</td>
<td>CLEAN</td>
</tr>
<tr>
<td>Climate Central</td>
<td>Climate Emergency: Feedback Loops</td>
<td>Climate Generation</td>
</tr>
</tbody>
</table>

95 official organizational partners
Our Partners
95 official organizational partners

The Climate Initiative
Climate Interactive
Climate Mental Health Network
Climate Outreach
Climate Psychiatry Alliance
The Climate Reality Project
ClimateScience
The Cloud Institute for Sustainability Education
Columbia Climate School International Research Institute for Climate and Society
Earth Force
Earth Warriors
EARTHDAY.ORG
EarthEcho International
EcoRise
Ecosia
Educated Choices Program
Environmental and Climate Change Literacy (ECCLPs)
Environmental Youth Council
Our Partners
95 official organizational partners

Flight Free UK
FoodCorps
Gen-Z Media

Global Forest Watch
Global Nomads Group
Global Oneness Project

Green Guardians
Green Ninja
Green Schools Alliance

Green Schools National Network
Green Schoolyards America
Green Teacher

High Resolves
ITZA
Jill Pelto

The Juice
The Kid Should See This
King’s Centre for Visualization in Science
Our Partners
95 official organizational partners

LabXchange
Learning for Sustainable Futures
MIT Environmental Solutions Initiative

MIT Open CourseWare
My NASA Data
National Center for Science Education

National Environmental Education Foundation
National Wildlife Federation
The Nature Conservancy

Paleontological Research Institution
PangeaSeed Foundation
PhET Interactive Simulations

Planet Classroom
Planet3
Polar Bears International

Population Education
Probable Futures
Project Drawdown
## Our Partners

95 official organizational partners

<table>
<thead>
<tr>
<th>Project Look Sharp</th>
<th>Renewable English</th>
<th>Rethinking Schools</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science Journal for Kids</td>
<td>Share My Lesson</td>
<td>Shelburne Farms</td>
</tr>
<tr>
<td>Skew the Script</td>
<td>Springbay Studio</td>
<td>Stay Grounded</td>
</tr>
<tr>
<td>Take Action Global</td>
<td>Technical Education Research Centers (TERC)</td>
<td>This Is Planet Ed</td>
</tr>
<tr>
<td>UCI Science Project</td>
<td>Understanding Global Change Project</td>
<td>Videos for Change</td>
</tr>
<tr>
<td>Water Footprint Calculator</td>
<td>World Resources Institute</td>
<td>World101 from the Council on Foreign Relations</td>
</tr>
</tbody>
</table>
Our Partners

95 official organizational partners

Worldwide Teach-In

Yale Program on Climate Change Communication