



# What We Can Learn from the Multiple Citizen Science Projects in Maine: The Latest *Maine Policy Review*



# Citizen Science:

- Maine's Role As A Leader
- The Need for CS
- How We Can Learn from Each Other
  - Different CS Topics
  - Different CS Forms



Citizen Science and Maine's Fishermen: An Enlightened Approach to the Search for Ecological Solutions

*Ted Ames*

The Complexities of Counting Fish: Engaging Citizen Scientists in Fish Monitoring

*Karen H. Bieluch, Theodore Willis, Jason Smith, and Karen A. Wilson*

Citizen Science and Wildlife Conservation: Lessons from 34 Years of the Maine Loon *Sally Stockwell and Susan Gallo*

Signs of the Seasons: A New England Phenology Program

*Esperanza Stancioff, Beth Bisson, Sara Randall, Jessica Muhlin, Caitlin McDonough, and Susan Gallo*



Community-based Strategies for Strengthening Science and Influencing Policy: Vernal Pool Initiatives in Maine

*Jessica S. Jansujwicz and Aram J K Calhoun*

Documenting the Diversity, Distribution, and Status of Maine Bumble Bees: The Maine Bumble Bee Atlas and Citizen Scientists

*Kalyn Bickerman-Martens, Beth Swartz, Ron Butler, and Francis A. Drummond*

Collecting Data on Charismatic Mini-Fauna: Public Participation and the Dragonfly Mercury Project

*Colleen Flanagan Pritz and Sarah J. Nelson*

Will the Adoption of Science Standards Push Maine Schools Away from Authentic Science?

*Bill Zoellick and Jennifer Page*

Citizen Science for Maine's Classrooms: The Case for Improving STEM Learning

*Christine Voyer*

Next Generation Citizen Science Using Anecdota.org

*Jane Disney, Duncan Bailey, Anna Farrell, and Ashley Taylor*

Design Principles of Online Learning Communities in Citizen Science

*Ruth Kermish-Allen*

Interview with Old Town High School Student Emma Hargreaves

*Ed Lindsey*



Reflections on the Strong Growth of Citizen Science: An Interview with Abe Miller-Rushing

*Abraham J. Miller-Rushing*



[A View from the Edge: A Teacher's Perspective on Citizen Science](#)

*Ed Lindsey*

[Citizen Science in a Maine Middle School Classroom](#)

*Rhonda Tate*

[Citizen Science and Traditional Ecological Knowledge—Values of Inclusion in the Wabanaki Youth Science Program](#)

*tish carr and Darren Ranco*

[The Power of Place in Citizen Science](#)

*Bridie McGreavy, Greg Newman, Mark Chandler, Malin Clyde, Muki Haklay, Heidi L. Ballard, Steven Gray, Russel Scarpino, Rita Hauptfeld, and John A. Gallo*



## What Can We Learn From All This Great Work?

- Topics Being Explored and Topics in Need of Exploration
- Strategies for Involvement
- Partners We Can Work With
- Problems We Can Solve Together