TABLE OF CONTENTS

FROM THE EDITOR  
_J. Douglass Klein_  
1

THE IMPACT OF CLIMATE CHANGE ON HOCKEY EXPERTISE IN THE  
NORTH COUNTRY AND ADIRONDACK REGION OF NEW YORK  
_Jon Rosales, Peter Pettengill, Jake Van Duersen, John Quinn, Jacqueline Dufour_  
7

CHALLENGES AND SUCCESSES MANAGING EURASIAN WATERMILFOIL  
in Lake Luzerne: A 25-Year Citizen-Government Partnership  
_Avi A. Gajjar, Jane Oppenlander, Michael Schaffer, E. Kurt Tekolste_  
19

CONSERVATION AND THE UNDER-REPRESENTED REVISITED  
_Louis Curth_  
30

MY CRANE MOUNTAIN HOME: RARE NORTH COUNTRY PHOTOGRAPHS  
NOW AVAILABLE THROUGH THE ADIRONDACK RESEARCH LIBRARY  
_Matthew Golebiewski_  
35
Welcome to Volume 24 of the Adirondack Journal of Environmental Studies (AJES). This is our first wholly online issue, a format which we have adopted in order to make our content available to readers more promptly and more frequently. We hope to move back to our earlier format of two numbers per year. The mission of the Journal remains as it was stated way back in 1994 by our first editors, Gary Chilson and David Vinopal. They wrote:

...AJES is designed to create a tone somewhere between a magazine and a journal; the targeted readership is educated though not necessarily academic people who are concerned about the region; contributing authors will cover a wide variety of disciplines and perspectives, and among them will be representatives from industry, from colleges and universities, from local and state government, from the natural and social sciences, and from the environmental and property rights movements, to mention but a few.¹

We intend to include information both about and of interest to the Adirondacks. To that end, we welcome submissions in several different categories. As Chilson and Vinopal noted, we certainly look for scholarly studies, and we will also have sections for Commentaries (essays and views), student work, and announcements of general interest.

With this issue, we launch a new feature of AJES which we call Spotlight on Adirondack Archives. In this section we invite museums and libraries with collections or archives of Adirondack materials (of which there are many) to feature one or more of their holdings. The Kelly Adirondack Center maintains a list of over 80 such organizations.² The objective of this feature will be to attract more use of these archives by researchers—whether from schools, government offices, industry, or the general public. The first entry in this section O.D. Putnam photograph collection, newly acquired by the Kelly Adirondack Center of Union College. We hope to highlight other archives from the Adirondack Region in future issues.

We welcome submissions in any of these categories on a rolling basis. Direct any questions to Doug Klein (kellycenter@union.edu) or Dan Fitts (adkresearchconsortium@gmail.com).

The Adirondack Journal of Environmental Studies (AJES) exists to foster a dialogue about the broad range of issues that concern the Adirondacks and Northern Forest. AJES serves to bridge the gaps among academic disciplines and among researchers and practitioners devoted to understanding and promoting the development of sustainable communities, both human and wild. The journal purposefully avoids serving as a vehicle for any single or special point of view. To the contrary, in searching for common ground AJES welcomes variety and a broad spectrum of perspectives from its contributors.
2021 BOARD OF DIRECTORS

Melanie Johnson
PRESIDENT
Paul Smith’s College

Stephen Bird
VICE PRESIDENT
Clarkson University

Jeffrey Denkenberger
TREASURER
Molpus Timberlands Management, LLC

BOARD MEMBERS

Eileen Allen
SUNY Plattsburgh

Jonathan Brown
RIT

James C. Dawson
SUNY Plattsburgh, emeritus

Andrea Ferro
Clarkson University

Bryan Goodwin
SUNY Adirondack

Joseph Henderson
Paul Smith’s College

J. Douglas Klein
Union College

Ellen Percy Kraly
Colgate University

Amanda Lavigne
NYS Department of Health

Kevin MacKenzie
St. Lawrence University

David Miller
Consultant

Melissa Otis
Author

Richard Stedman
Cornell University

Elizabeth Thorndike
Cornell University

Mark Watson
Retired NYSERDA

Daniel Fitts
Executive Director

IN MEMORY

Bruce Selleck (1946-2017)
Bill Porter (1931-2020)
WITH APPRECIATION, RECOGNIZING OUR
2021 PARTNERS AND SPONSORS

SUSTAINING PARTNERS:
Brookfield Renewable
New York State Energy Research and Development Authority
Paul Smith’s College
Union College
Sponsoring Partners:
Empire State Forest Products Association

SUPPORTING PARTNERS:
Clarkson University
Colgate University
St. Lawrence University
SUNY ESF
SUNY Plattsburgh
University of Vermont

FOUNDATION SPONSORSHIP PROVIDED BY:
The Walbridge Fund LTD
Boquet Foundation
Cloudsplitter Foundation
Colgate University Upstate Institute
Glenn and Carol Pearsall Adirondack Foundation
International Paper Foundation
New York State Electric and Gas
Price Chopper’s Golub Foundation
Stewart’s/Dake Family
Henry Uihlein II and Mildred A. Uihlein Foundation Trust

CONTRIBUTING PARTNERS:
The Adirondack Council
Adirondack Experience
Adirondack Nature Conservancy
Cornell University Department of Natural Resources
Open Space Institute
The Wild Center

LOCAL GOVERNMENT PARTNERS:
Adirondack Park Local Government Review Board
Town of Newcomb

PARTNERS:
Adirondack Community College
Adirondack Park Institute, Inc.
Adirondack Wild
Audubon New York
International Paper’s Ticonderoga Mill
The Fund for Lake George, Lake George Waterkeeper

ASSOCIATE PARTNERS:
Mountain Lake PBS
NYS Olympic Regional Development Authority
ADIRONDACK JOURNAL of ENVIRONMENTAL STUDIES

EXECUTIVE EDITOR
J. Douglass Klein
Union College
Kelly Adirondack Center
807 Union Street
Schenectady, NY 12308
kellycenter@union.edu

EXECUTIVE EDITORIAL BOARD
Eileen Allen, SUNY Plattsburgh
Stephen Bird, Clarkson University
James C. Dawson, SUNY Plattsburgh, emeritus
Joe Henderson, Paul Smith’s College
Melanie Johnson, Paul Smith’s College
Ellen Kraly, Colgate University

MANAGING EDITOR
Daniel Fitts
Adirondack Research Consortium
213 Cantwell Hall
Paul Smith’s College Campus
P.O. Box 96, Paul Smiths, NY 12970
adkresearchconsortium@gmail.com

ASSOCIATE EDITORS
David Cotter, Union College
Andrew Morris, Union College

CONTRIBUTING TO AJES
We encourage the submission of manuscripts, reviews, photographs, artwork, and letters to the editor. For additional information, to view previous volumes of the journal, and to submit an article for consideration, please visit the AJES website at www.ajes.org.

The views expressed in AJES are the authors’ and not necessarily those of the editor, publisher, Union College, or the Adirondack Research Consortium, or affiliated parties.

ISSN: (NEEDED) ©2021

Cover Photo: Fourth Lake; Fulton Chain; Adirondack Mountains.
Front and Rear Cover Photos from the Adirondack Research Library postcard collection at Union College.