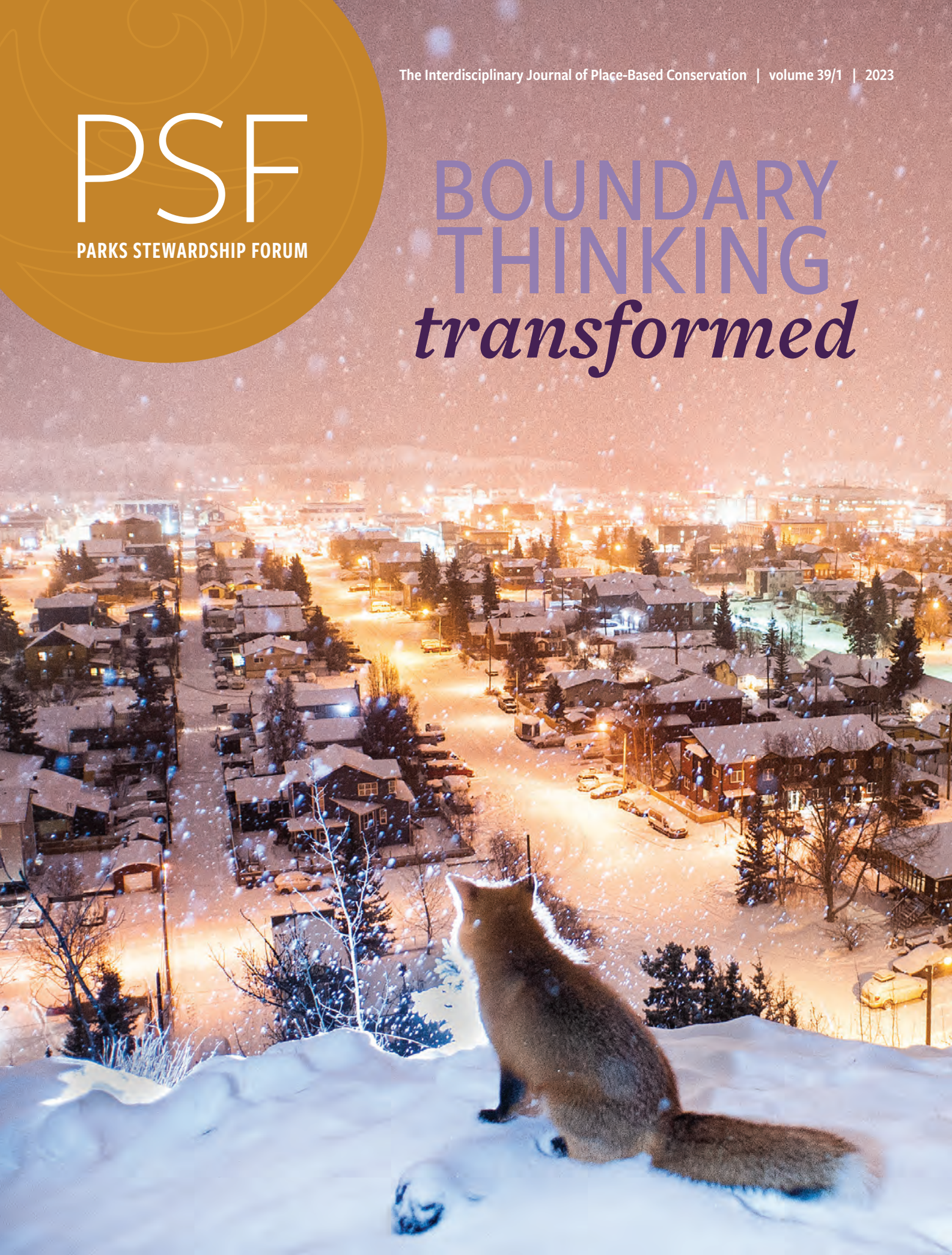


The Interdisciplinary Journal of Place-Based Conservation | volume 39/1 | 2023

PSF

PARKS STEWARDSHIP FORUM

BOUNDARY
THINKING
transformed





Co-published by the [Institute for Parks, People, and Biodiversity, University of California, Berkeley](#) and the [George Wright Society](#).

Parks Stewardship Forum explores innovative thinking and offers enduring perspectives on critical issues of place-based heritage management and stewardship. Interdisciplinary in nature, the journal gathers insights from all fields related to parks, protected/conserved areas, cultural sites, and other place-based forms of conservation. The scope of the journal is international. It is dedicated to the legacy of [George Meléndez Wright](#), a graduate of UC Berkeley and pioneer in conservation of national parks.

Parks Stewardship Forum is published through [eScholarship](#), an open-access publishing platform subsidized by the University of California and managed by the California Digital Library. Open-access publishing serves the missions of the Institute for Parks, People, and Biodiversity and the George Wright Society to share, freely and broadly, research and knowledge produced by and for those who manage parks, protected/conserved areas, and cultural sites throughout the world.

The journal continues *The George Wright Forum*, published 1981–2018 by the George Wright Society.

Parks Stewardship Forum is distributed under a Creative Commons Attribution-NonCommercial 4.0 International License (CC BY-NC 4.0) that allows others to copy, distribute, translate, adapt, and build upon original submissions to *Parks Stewardship Forum*, as long as they provide appropriate credit to the author(s) and do not use the submission for commercial purposes. Anyone who uses or redistributes the submission under this license must indicate any changes that were made, must link to the license, and cannot imply that the author endorses them or their use. More information about this license is available at <https://creativecommons.org/licenses/by-nc/4.0/>.

Some photos published in *Parks Stewardship Forum* are covered by other Creative Commons licenses, which can be found [here](#). From time to time *Parks Stewardship Forum* also reprints, with permission, previously published material. Such material is subject to its original copyright, as indicated.

Parks Stewardship Forum is published at <https://escholarship.org/uc/psf>. A version designed for online reading is also available at <https://parks.berkeley.edu/psf>.

PSF is designed by Laurie Frasier • lauriefrasier.com



On the cover of this issue

A red fox on the clay cliffs above the city of Whitehorse, Yukon Territory. | [PETER MATHER](#)

EDITORIAL BOARD

Jonathan B. Jarvis, University of California, Berkeley,
Institute for Parks, People, and Biodiversity
Dr. Steven R. Beissinger, University of California,
Berkeley
Rolf Diamant, George Wright Society
Professor Holly Doremus, University of California,
Berkeley
Kalani Quiocho, NOAA
Nadine Spence, Parks Canada

EXECUTIVE DIRECTORS

Dr. Patrick Gonzalez, University of California, Berkeley,
Institute for Parks, People, and Biodiversity
David Harmon, George Wright Society

EDITORIAL STAFF

Dr. Rebecca Conard, Managing Co-editor
Dorothy A. Davis, Co-editor,
“The Photographer’s Frame”
Gary E. Davis, Co-editor,
“The Photographer’s Frame”
David Harmon, Managing Co-editor
Dr. Gary Machlis, Editor, “Verse in Place”

EDITORIAL & ADMINISTRATIVE OFFICE

George Wright Society
P.O. Box 65
Hancock, MI 49930-0065 USA
1.906.487.9722
psf@georgewright.org

CONTRIBUTING TO PARKS STEWARDSHIP FORUM

We welcome proposals for papers in PSF’s two main departments: “New Perspectives,” for non-peer-reviewed articles that will be evaluated solely by the journal’s editors; and “Advances in Research and Management,” for articles that will undergo formal peer review. We also invite proposals for “The Photographer’s Frame,” our regular feature in which contributors tell a compelling conservation story in photographs.

More information and manuscript submission guidelines: <https://www.georgewrightociety.org/psfsubmissions>

Berkeley Institute for Parks, People, and Biodiversity

The University of California, Berkeley, Institute for Parks, People, and Biodiversity advances science and solutions to halt climate change, conserve biodiversity, and improve the experience of nature for all. The Institute conducts new scientific research and helps managers and policymakers apply the results to conservation of ecosystems around the world, especially in national parks and other protected areas.

Public protection of land and water serves important roles for climate change resilience and carbon solutions, endangered species, tropical forests, health and well-being, education, thriving economies, Indigenous cultures, and environmental justice. For these critical issues and other emerging questions, the Institute connects field managers and government policymakers to the high-level interdisciplinary research capabilities of the University of California, Berkeley. Institute researchers also communicate science-based solutions to motivate public action and cultivate future conservation leaders. With new scientific insights, the Institute aims to advance meaningful progress for nature and people.

<https://parks.berkeley.edu>



The George Wright Society advances the scientific and cultural resource values of parks, protected and conserved areas, cultural sites, and other forms of place-based conservation. The Society promotes research and resource stewardship across disciplines; brings practitioners together to share their expertise; provides avenues of communication among scholars, researchers, educators, practitioners, and the public; and supports informed conservation decisions and management actions that embrace these values. By uniting people from many different backgrounds around a common passion for protecting Earth’s natural and cultural heritage, we create the collaboration needed to meet today’s greatest conservation challenges.

<https://www.georgewrightociety.org>



LESLIE LEONG

CONTENTS • VOLUME 39/1

POINTS OF VIEW



LETTER FROM WOODSTOCK
The once and future Advisory Board
Rolf Diamant

5



CLIMATE CHANGE SOLUTIONS
Climate change challenges and science-based optimism
Patrick Gonzalez

11

THEME ARTICLES

BOUNDARY THINKING TRANSFORMED

Mike Walton, guest editor

Boundary thinking transformed

18 *Mike Walton*

Rethinking boundaries in a Half-Earth world

26 *Tony Hiss*

Blurring boundaries: An invitation to the imagination

32 *Leslie Leong*

Courageous conversations: Risks, Race, and recreation

41 *Harrison P. Pinckney, IV*

Moving transboundary conservation from Indigenous engagement to Indigenous leadership: Working across borders for a resilient Cascadia

47 *Meade Krosby, Gwen Bridge, Erica T. Asinas, and Sonia Hall*

One beat in the infinite heart of Haida Gwaii

60 *Nang Kaa Klaagangs Ernie Gladstone and Brady Ruyin Yu*

Invisible boundaries

73 *Peter Mather*

NEW PERSPECTIVES

- 83 **Obstacles to removing non-native species from a national park**
Lary M. Dilsaver

ADVANCES IN RESEARCH AND MANAGEMENT (peer-reviewed papers)

- 91 **Direction for interpretive programming from Alberta Provincial Park management plans**
Glen Hvenegaard, Kiva Olson, and Elizabeth Halpenny

- 101 **Open to change but stuck in the mud: Stakeholder perceptions of adaptation options at the frontlines of climate change and protected areas management**
Stephanie L. Barr, Christopher J. Lemieux, Brendon M.H. Larson, and Scott R. Parker

- 114 **Hug a tree, hug a building: Reflections on the management of natural and built heritage**
Harold Kalman



THE PHOTOGRAPHER'S FRAME

- 132 **A Solution to Existential Crisis—RTFM**
Gary E. Davis and Dorothy A. Davis



VERSE IN PLACE

- 149 **Sun of Honey**
Peter Coyote