



Journal of the
National Association of Environmental Professionals



ENVIRONMENTAL PRACTICE

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ENVIRONMENTAL PRACTICE

Journal of the National Association of Environmental Professionals

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CONTENTS

<i>Ray Clark</i>	LETTER FROM THE EDITOR: Introduction: The History, the Hope, and the Reality	261
<i>Harold Draper</i>	PRESIDENT'S MESSAGE: President's Message	270

FEATURES

<i>Ronald E. Lamb</i>	RESEARCH ARTICLE: Essential Elements of Effective Implementation of the National Environmental Policy Act (NEPA): Agency Decision Making and the NEPA Process	272
<i>Harriet L. Nash</i>	RESEARCH ARTICLE: Defining Appropriate Spatial and Temporal Scales for Ecological Impact Analysis	281
<i>Larry W. Camper & Zahira Cruz</i>	ENVIRONMENTAL REVIEWS AND CASE STUDIES: NEPA Training Is Essential: It Shouldn't Just Be for Environmental Staff	287
<i>Robert Evans</i>	ENVIRONMENTAL REVIEWS AND CASE STUDIES: Decision Making in the Environmental Impact Assessment Process	290
<i>Joseph Trnka & Elizabeth Ellis</i>	ENVIRONMENTAL REVIEWS AND CASE STUDIES: <i>Streamlining</i> the National Environmental Policy Act Process	302
<i>Owen L. Schmidt</i>	ENVIRONMENTAL REVIEWS AND CASE STUDIES: Ultimate Streamlining: Making National Environmental Policy Act Documents as Small as the Law Will Allow	309
<i>Shannon C. Stewart</i>	ENVIRONMENTAL REVIEWS AND CASE STUDIES: NEPA as a Tool for Strategic Analysis and Decision Making	316

POINTS OF VIEW

<i>Dinah Bear</i>	PERSPECTIVES FROM THE FIELD: Recalling the Value of the National Environmental Policy Act	323
<i>Jennifer Hernandez & Stephanie DeHerrera</i>	PERSPECTIVES FROM THE FIELD: The National Environmental Policy Act in the Ninth Circuit: Once the Leader, Now the Follower?	329
<i>Douglas B. MacDonald & Kimberly Farley</i>	PERSPECTIVES FROM THE FIELD: The National Environmental Policy Act Shouldn't Make Decisions Any Harder Than They Are Already	335
<i>David S. Mattern</i>	PERSPECTIVES FROM THE FIELD: Who Reads Your NEPA Documents and Why?	341
<i>Fred R. Wagner</i>	PERSPECTIVES FROM THE FIELD: The Federal Highway Administration's "Every Day Counts" Initiative: Finding a Path to Better Environmental Outcomes within Existing NEPA and Agency Regulations	347
<i>Kenneth S. Weiner</i>	PERSPECTIVES FROM THE FIELD: Are the National Environmental Policy Act (NEPA) Rules Immutable—An Opportunity for Presidential Leadership on the Environment	349
<i>Harold Draper</i>	CONCLUDING PERSPECTIVE: The Challenge for Those Assessing Environmental Impact: Finding Our Way—Not Always a Linear Path	359

CONTRIBUTORS

364

Mission Statement for *Environmental Practice*

Aims and Scope

Environmental Practice is the official journal of the National Association of Environmental Professionals (NAEP). The central purpose of *Environmental Practice* is to provide an open forum to NAEP members and other concerned individuals for the discussion and analysis of significant environmental issues. Research Articles and Environmental Reviews and Case Studies appearing in *Environmental Practice* are peer reviewed and aim for the highest standards of professional quality.

Environmental Practice is a source for continuing professional renewal and development. It aims to serve men and women at all stages of their careers, from initial training through mid- and senior-levels. Environmental work is an exciting, dynamic field, and *Environmental Practice* strives to match that pace with lively and timely commentary on the critical issues of the day. *Environmental Practice* aims to provide authoritative discussion on issues of wide interest to the international community of environmental professionals.

Professionals from many different disciplinary backgrounds, working in many different arenas, are faced with

developing imaginative approaches for the practical resolution of a wide variety of environmental problems. *Environmental Practice* provides a comprehensive outlet for the publication of such interdisciplinary findings. This publication actively seeks breadth of viewpoint and method because it holds that solutions to environmental problems are often to be found in understanding the linkages among issues previously considered separate. Periodically, *Environmental Practice* will devote its pages to selected topics of special concern to a significant segment of the readership.

Priority for publication is given to articles that offer insightful views on the importance and interpretation of results from an interdisciplinary perspective. Reports of findings should go beyond a laboratory analysis, a field experiment, a philosophical discussion, or a theoretical modeling, for example, and discuss the implications of the findings for public policy or professional practice. *Environmental Practice* seeks especially to publish studies that link data and findings in science and technology with issues of public policy, health, environmental quality, law, political economy, management, and the appropriate standards for expertise. Many publications achieve excellence through tightly focused specialization, but in contrast *Environmental Practice* seeks its accomplishments through the promotion of excellent research and writing on the common interests among different kinds of specialists.

Join the Dialog

The central purpose of *Environmental Practice* is to provide a forum for the discussion and analysis of significant environmental topics. An important part of this discussion is the "Letters to the Editor" section that appears in occasional issues of *Environmental Practice*.

The editors welcome your comments and insights on articles appearing in this or other issues of the journal.

Call for papers for publication in the scholarly journal:
ENVIRONMENTAL PRACTICE

The journal of the National Association of Environmental Professionals

ENVIRONMENTAL APPLICATIONS OF UNMANNED AERIAL SYSTEMS
vol. 17 no. 3 (September 2015)
In Association with Argonne National Laboratory

The September 2015 issue of Environmental Practice is devoted to the application of Unmanned Aerial System (UAS) technologies for land and natural resource management.

UAS technologies have made dramatic technical advances in the past decade. Their use domestically is currently tightly constrained by existing FAA regulations. Within the next few years the FAA is expected to provide a regulatory framework that allows for a greatly expanded role for UAS in domestic airspace for a wide variety of applications. One of those will be remote sensing for land and natural resource monitoring.

From hazardous waste site characterization to assessing and monitoring public land resource quality, UAS can be expected to revolutionize the quantity and quality of data sets available to decision-makers and environmental practitioners, while significantly reducing the cost of acquiring such data sets.

Specific topics that could be addressed include, but are not limited to:

**Deadline for submittals is
February 15, 2015 to
dcarro17@depaul.edu**

**Sample issues of the journal
can be found at:**

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- i. The current and future regulatory environment and how that can be expected to constrain and/or mold domestic UAS natural resource applications.
- ii. Trends in UAS hardware developments that have significant implications for land and natural resource applications.
- iii. Developments in UAS-friendly sensor technologies applicable to land and natural resource monitoring.
- iv. Mission design, data management, data fusion and data analyses advances pertinent to land and natural resource management.
- v. Examples of UAS applications to specific land and natural resource management and monitoring challenges.
- vi. Implications of UAS availability for environmental practice.



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TRANSPORTATION
vol. 17 no. 4 (December 2015)

Transportation systems are critical to our economy and way of life. Transportation systems can also have significant environmental impacts. Transportation accounts for about 72% of total U.S. petroleum consumption and 33% of total greenhouse gas emissions. Transportation infrastructures have also displaced and fragmented habitat. Finding sustainable transportation solutions is a continuing challenge for environmental professionals.

The December 2015 issue of *Environmental Practice* is devoted to the subject of Transportation. We welcome a variety of perspectives from scholars, practitioners, and students in a variety of fields.

**Deadline for submittals is
May 15, 2015 to
dcarro17@depaul.edu**

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Specific topics that could be addressed include, but are not limited to:

- i. Green infrastructure, and the use or application of Green Infrastructure as a partner to environmental analysis
- ii. HOV tolling
- iii. Civil rights application in transportation
- iv. Planning and environmental linkages; better planning for NEPA
- v. Communication between decision-makers and the public, specifically with regard to modeling
- vi. Health benefits of transportation; improving transportation systems for health and public welfare; children's health
- vii. Health impact assessment, within and outside of NEPA
- viii. Climate change analysis
- ix. Environmental Justice in tolling; the use of title 6 as a challenge to highway projects
- x. NEPA document quality; push to make documents shorter and more readable, and what are the consequences to transportation projects
- xi. NEPA assignment; when the state takes over responsibilities from Federal Highway Administration
- xii. Multi-level projects; how does DOT handle a project when it involves more than one agency?
- xiii. NEPA for projects that are going through DOT discretionary approval



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