

Outstanding Titles *from* Cambridge

Promoting Compliance in an Evolving Climate Regime

Edited by Jutta Brunnée,
Meinhard Doelle,
and Lavanya Rajamani

Hb: 978-052-1-19948-3: 512 pp.
Pb: 978-052-1-13613-6

Renewable Energy Sources and Climate Change Mitigation

Special Report of the Intergovernmental Panel on Climate Change

Ottmar Edenhofer,
Ramón Pichs-Madruga,
Youba Sokona, Kristin Seyboth,
Susanne Kadner, Timm Zwickel,
Patrick Eickemeier, Gerrit Hansen,
Steffen Schlömer,
Christoph von Stechow,
and Patrick Matschoss

Hb: 978-1-107-02340-6: 1,088 pp.
Pb: 978-1-107-60710-1

Introduction to Modern Climate Change

Andrew Dessler

Hb: 978-1-107-00189-3: 252 pp.
Pb: 978-0-521-17315-5

Tropical Geomorphology

Avijit Gupta

Hb: 978-0-521-87990-3: 400 pp.

Tropical Ecosystems and Ecological Concepts 2nd Edition

Patrick L. Osborne

Pb: 978-0-521-17734-4: 536 pp.

New in Paperback!

Geomorphology and Global Environmental Change

Edited by Olav Slaymaker,
Thomas Spencer,
and Christine Embleton-Hamann

Pb: 978-0-521-29100-2: 468 pp.

The Role of Biotechnology in a Sustainable Food Supply

Edited by Jennie S. Popp,
Molly M. Jahn, Marty D. Matlock,
and Nathan P Kemper

Hb: 978-0-521-19234-7: 300 pp.

Management of Freshwater Biodiversity Crayfish as Bioindicators

Julian Reynolds
and Catherine Souty-Grosset

Hb: 978-0-521-51400-2: 384 pp.

Environmental Literacy in Science and Society From Knowledge to Decisions

Roland W. Scholz

Hb: 978-0-521-19271-2: 656 pp.

*Part of the
Systematics Association
Special Volume Series!*

Climate Change, Ecology and Systematics

Edited by Trevor R. Hodgkinson,
Michael B. Jones, Stephen Waldren,
and John A. N. Parnell

Hb: 978-0-521-76609-8: 544 pp.

Ecosystem Approaches to Fisheries

A Global Perspective

Edited by Villy Christensen
and Jay Maclean

Hb: 978-0-521-11305-2: 342 pp.
Pb: 978-0-521-13022-6

Forest Health

An Integrated Perspective

Edited by John D. Castello
and Stephen A. Teale

Hb: 978-0-521-76669-2: 404 pp.
Pb: 978-0-521-74741-7

*Part of the
Ecology, Biodiversity, and
Conservation Series!*

Marine Protected Areas A Multidisciplinary Approach

Edited by Joachim Claudet

Hb: 978-0-521-76605-0: 392 pp.
Pb: 978-0-521-14108-6

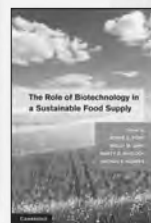
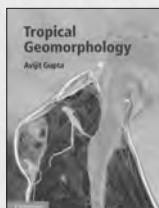
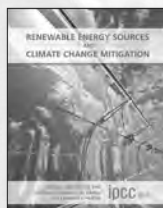
Social Networks and Natural Resource Management

Uncovering the Social Fabric of Environmental Governance

Edited by Örjan Bodin
and Christina Prell

Hb: 978-0-521-76629-6: 390 pp.
Pb: 978-0-521-14623-4

Prices subject to change.



www.cambridge.org/us

800.872.7423

twitter @CambUP_earthsci



CAMBRIDGE
UNIVERSITY PRESS

NAEP Membership Application

(Please Print)

Title _____ First Name _____ MI _____ Last Name _____ Suffix(es) _____
(Dr/Mr/Mrs/Ms/Miss)

I prefer to receive mailings at: Home Office

Home Address:

Street _____

City _____ State _____ Zip Code _____

Telephone _____

e-mail _____

Office Address:

Title _____

Employer _____

Street _____

City _____ State _____ Zip Code _____

Telephone _____ Fax _____

e-mail _____

NAEP periodically publishes a membership directory. This directory is distributed to NAEP members free of charge and sold to non-members for a nominal fee. If you do not want to be included in a directory published in paper or electronic form, check here.

NAEP membership is open to persons engaged in all aspects of the environmental professions in one of the following categories:

General Membership \$150.00 / year

General membership is open to individuals who have earned an undergraduate or graduate degree and have at least three years experience working in the environmental field. General members may vote and hold office.

College or University _____ Specialties _____

Degree(s) _____ Years of experience _____

Associate Member \$125.00 / year

Associate membership is open to individuals who do not meet the requirements for general membership.

Student Membership \$40.00 / year

Student membership is limited to full-time students pursuing an environmental degree. A copy of a current transcript and college ID is required and must accompany the application.

Date entered current degree program: _____ Expected graduation date _____

Anticipated degree _____ College or University _____ Program/Major _____

Senior Membership \$75.00 / year

Corporate Membership \$750.00 / year (Primary Office) Corporate Branch Membership \$375.00 / year

FEES

Membership Dues \$ _____

Chapter Dues \$ _____

Additional mailing fee \$ _____

Total Amount Due \$ _____

METHOD OF PAYMENT

Check/money order for \$ _____ payable to **NAEP**
National Association of Environmental Professionals

Charge \$ _____ to my Visa, Mastercard, Discover or American Express card.

Card Type: _____

Card No. _____ Exp. Date _____

Signature _____

Security Code _____

Please be sure to read the information on the last page and sign this application.

To Help Us Serve You Better

Practice Setting
(Circle One)

- Academe
- Consulting
- Contracting
- Government
- Industry
- Military
- National Lab
- Nonprofit
- Private Sector
- Utility
- Other _____

Discipline
(Circle one or two)

- Administrator
- Architect
- Engineer
- Faculty
- Lawyer
- Manager
- Planner
- Student
- Scientist
- Other _____

Specialty Area
(Circle one or two)

- Audit
- Compliance
- Impact Assessment
- Monitoring
- Protection
- Regulation/Policy
- Research
- Resource Management
- Technology & Design
- Other _____

Focus
(Circle one or two)

- Air
- Ecology
- NEPA
- Noise
- Socioeconomic
- Soil
- Water
- Waste
- Wetlands
- Other _____

How Many Years in the Field?

- | | | |
|-----|-------|-----|
| 0-2 | 6-10 | 16+ |
| 3-5 | 11-15 | |

NAEP Chapters

In addition to membership in the national Association, NAEP maintains a network of regional, state, local and student chapters that offer additional opportunities for professional growth. Check below if you would like to join one of the chapters and include applicable dues in addition to the amount for NAEP membership.

State/Local Chapters

- | | |
|---|------------|
| <input type="radio"/> Alaska | \$25/year |
| <input type="radio"/> Arizona | \$30/year |
| <input type="radio"/> California | \$140/year |
| <input type="radio"/> Florida | \$30/year |
| <input type="radio"/> Georgia | \$20/year |
| <input type="radio"/> Hawaii | \$30/year |
| <input type="radio"/> Illinois | \$35/year |
| <input type="radio"/> Indiana | \$35/year |
| <input type="radio"/> Michigan | \$60/year |
| <input type="radio"/> Mid-America (IA, KS, MO, NE) | \$15/year |
| <input type="radio"/> Mid-Atlantic (DC, MD, VA) | \$40/year |
| <input type="radio"/> North Carolina | \$25/year |
| <input type="radio"/> Northwest (OR & WA) | \$25/year |
| <input type="radio"/> Pennsylvania | \$60/year |
| <input type="radio"/> Rocky Mountain (CO, ID, MT, NV, UT, WY) | \$50/year |
| <input type="radio"/> Texas (select one) | |
| <input type="radio"/> North Texas | \$35/year |
| <input type="radio"/> Texas | \$50/year |

Membership is individual (not your company's) and non-transferable. Corporate memberships are available; please contact the national office for more information.

Your national dues (see page 1) include a subscription to our journal, *Environmental Practice*. Chapter dues are collected by NAEP on behalf of the affiliated chapters and passed to them along with your name and address. Some chapters are more active than others.

Send the completed application to:

NAEP
PO Box 460
Collingswood, NJ 08108

Tel: 856-283-7816

Fax: 856-210-1619

Email: naep@naep.org



National Association of Environmental Professionals

NOMINATION FORM 2013 PRESIDENT'S AND NATIONAL ENVIRONMENTAL EXCELLENCE AWARDS

The National Association of Environmental Professionals (NAEP) is seeking nominations for our annual National Environmental Excellence Awards. We are requesting nominations from you, your company, or agency describing outstanding environmental contributions from applicable projects and programs. It is not necessary for you or your organization to be a member of NAEP and nominations may include projects or programs recognized by others. The Environmental Excellence Award nomination(s) are to be submitted to the NAEP Awards Review Committee and **must be received by August 15, 2012**. Each selected Award Winner will receive a beautiful award plaque and an invitation to briefly address participants at the Annual NAEP National Conference. This year's conference will be held in Los Angeles, California, April 1-5, 2013.

Instructions: Simply tab through this form and fill-in each appropriate item electronically. Save the document to your hard drive then submit (by email) this form along with all other required information for your nomination package described below.

I. Nominee:

Person, Agency, Company or Work Group:

Address:

City:

State:

Zip:

II. Eligibility Criteria: (Also see Item V. Data Sheets, for required supporting documentation)

1. Represents a national or major achievement involving national organizations, Federal, State, tribal or local agencies or companies.
2. National or International contribution to the environment with verifiable evidence.
3. Achieves innovation in compliance methodology and/or integration of decision making with environmental regulatory processes.
4. Nomination material should be submitted in hard copy and in complete sets or packages; materials may also be submitted in electronic/digital format but only as background/support.

III. Award Category (choose one or more from the following listing)

- | | |
|---|--|
| <input type="checkbox"/> NEPA Excellence | <input type="checkbox"/> Education Excellence |
| <input type="checkbox"/> Environmental Management | <input type="checkbox"/> Planning Integration |
| <input type="checkbox"/> Public Involvement/Partnership | <input type="checkbox"/> Environmental Stewardship |
| <input type="checkbox"/> Conservation Program(s) | <input type="checkbox"/> Best Available Environmental Technology |

IV. Name of Action/Program/Project Achievement Nominated:

V. Applications must include data sheets responding to the following questions and addressing the Criteria in Item II above:

1. Describe how project emphasizes creative or novel approaches (200 words);
2. What problem does your action, program, project, or achievement address (100 words);
3. Cite the best verifiable evidence of significant achievement (100 words);
4. Identify the action, program, project, achievement beneficiaries (100 words);
5. Describe committed public/private implementation funding, monetary benefits, and cost savings from the action, program, project, achievement (100 words);
6. Describe unique features or methodologies not presented elsewhere (100 words); and
7. Please indicate if there are any pending legal actions concerning the project/achievement/methodology, etc. If the answer is "yes", please explain.

VI. Supporting Evidence Desired. (Award nominations should be accompanied by letters stating the following information):

1. Abstract description of action, program, project, or achievement;
2. Unique features and value added of process or methodology used;
3. Relevance to one or more of the criteria from Item II above;
4. Contact(s) in nominating agency/organization to verify merit of action, program, project, or achievement;
5. Stakeholder contact(s) to support nomination;
6. Report, agreement, publication, or other documentation to support nomination; and
7. Other supportive letters from customers, stakeholders, agencies, or organizations.

Notes: (1) Nominations can include self-nominations. (2) Actions, programs, projects, or achievements nominated for this award may also be nominated for any other professional awards by other organizations. (3) Nominating agency/organization/stakeholder do not have to be an NAEP member. (4) This nomination form is from the NAEP web site. (5) For best success in receiving an award, please tailor supplementary materials to directly address the criteria listed above. Supplementary materials that do not directly address award criteria could hinder chances for success.

VII. Nomination Submitted By:

Name:	Agency/Firm Name		
Address:	City:	State:	Zip:
Phone:	Fax:	E-mail Address:	
Signature:	Date:		

VIII. Submit your complete application by email as a word file attachment to: naep2@naep.org

Abby Murray
NAEP Headquarters
P.O. Box 460
Collingswood, NJ 08108

P: 856-470-4521
F: 856-210-1619

National Association of Environmental Professionals
Code of Ethics and Standards of Practice For Environmental Professionals

The objectives of Environmental Professionals are to conduct their personal and professional lives and activities in an ethical manner. Honesty, justice and courtesy form moral philosophy which, associated with a mutual interest among people, constitute the foundation of ethics. Environmental Professionals should recognize such a standard, not in passive observance, but as a set of dynamic principles guiding their conduct and way of life. It is their duty to practice their profession according to this Code of Ethics.

As the keystone of professional conduct is integrity, Environmental Professionals will discharge their duties with fidelity to the public, their employers, clients, and with fairness and impartiality to all. It is their duty to interest themselves in public welfare, and to be ready to apply their special knowledge for the benefit of mankind and their environment.

Creed

The objectives of an Environmental Professional are:

1. to recognize and attempt to reconcile societal and individual human needs with responsibility for physical, natural, and cultural systems.
2. to promote and develop policies, plans, activities, and projects that achieve complementary and mutual support between natural and man-made, and present and future components of the physical, natural and cultural environment.

Ethics

As an Environmental Professional I will:

1. be personally responsible for the validity of all data collected, analyses performed, or plans developed by me or under my direction. I will be responsible and ethical in my professional activities.
2. encourage research, planning, design, management and review of activities in a scientifically and technically objective manner. I will incorporate the best principles of the environmental sciences for the mitigation of environmental harm and enhancement of environmental quality.
3. not condone misrepresentation of work I have performed or that was performed under my direction.
4. examine all of my relationships or actions that could be legitimately interpreted as a conflict of interest by clients, officials, the public or peers. In any instance where I have a financial or personal interest in the activities with which they are directly or indirectly involved, I will make a full disclosure of that interest to my employer, client, or other affected parties.
5. not engage in conduct involving dishonesty, fraud, deceit, or misrepresentation or discrimination.

6. not accept fees wholly or partially contingent on the client's desired result where that desired result conflicts with my professional judgement.

Guidance for Practice as an Environmental Professional

As an Environmental Professional I will:

1. encourage environmental planning to begin in the earliest stages of project conceptualization.
2. recognize that total environmental management involves the consideration of all environmental factors including: technical, economic, ecological, and sociopolitical and their relationships.
3. incorporate the best principle of design and environmental planning when recommending measures to reduce environmental harm and enhance environmental quality.
4. conduct my analysis, planning, design and review activities primarily in subject areas for which I am qualified, and shall encourage and recognize the participation of other professionals in subject areas where I am less experienced. I shall utilize and participate in interdisciplinary teams wherever practical to determine impacts, define and evaluate all reasonable alternatives to proposed actions, and assess short-term versus long-term productivity with and without the project or action.
5. seek common, adequate, and sound technical grounds for communication with and respect for the contributions of other professionals in developing and reviewing policies, plans, activities, and projects.
6. determine that the policies, plans, activities or projects in which I am involved are consistent with all governing laws, ordinances, guidelines, plans, and policies, to the best of my knowledge and ability.
7. encourage public participation at the earliest feasible time in an open and productive atmosphere.
8. conduct my professional activities in a manner that ensures consideration of technically and economically feasible alternatives.

Encourage Development of the Profession

As an Environmental Professional I will:

1. assist in maintaining the integrity and competence of my profession.
2. encourage education and research, and the development of useful technical information relating to the environmental field.
3. be prohibited from lobbying in the name of the National Association of Environmental Professionals.
4. advertise and present my services in a manner that avoids the use of material and methods that may bring discredit to the profession.

NATIONAL ASSOCIATION OF ENVIRONMENTAL PROFESSIONALS BOARD OF DIRECTORS

Committed to achieving the highest standards of ethics and competence within the environmental professions

PRESIDENT

Paul Looney, CEP, CSE, PWS
Volkert & Associates, Inc.

VICE PRESIDENT

Harold Draper, D.Sc., CEP
Burns & McDonnell

TREASURER

Joseph F. Musil Jr., PE, PP, LEED® AP
Urban Engineers, Inc.

SECRETARY

Robert P. Morris, Jr., PE
US Army Corps of Engineers

IMMEDIATE PAST PRESIDENT

Ron Deverman
HNTB

ELECTED BOARD MEMBERS

Marie Campbell
Sapphos Environmental

Judith Charles
AECOM

Charles Eccleston, PhD, CEP
Environmental Planning and NEPA
Services, Inc.

Wendy Haydon
CH2M Hill

Brock A. Hoegh, CEP
HNTB

Gary F. Kelman, MS, CEP
Maryland Department of the Environment

Ronald Lamb, CEP
US Marine Corps

DIRECTORS REPRESENTING CHAPTERS

Brett Berglund, CPG - **Alaska**
SLR International Corp.

Nancy Favour - **Arizona**

Roger Turner - **California**
Roger Turner & Associates, Inc.

Erik Neugaard, CEP - **Florida**
South Florida Environmental and Planning Service

Paul Looney, CEP, CSE, PWS - **Florida**
Volkert & Associates, Inc.

Josh Earhart - **Georgia**
Edwards-Pitman Environmental, Inc.

Dennis Peters, REM - **Hawaii**
CH2M Hill

Gregory Merritt - **Illinois**
ERM

Brock A. Hoegh, CEP - **Indiana**
HNTB

Mary Miller - **Michigan**
MACTEC

Ed Bowers - **Mid America**
Burns & McDonnell

Carolyn Henn - **Mid Atlantic**
Apex Companies LLC

John Jamison - **North Carolina**
HDR, Inc.

Brad Thoms, PE - **Northwest**
Altus Environmental, LLC

William M. Plumpton, CEP - **Pennsylvania**
Gannett Fleming, Inc.

Ruth Gaulke, MAS, MA - **Rocky Mountain**
Rebel Writer

Jim Dobberstine, MS - **Texas**
Lee College

Crystal Lawson, REM - **North Texas**
Dunaway

EX-OFFICIO:

**ACADEMY OF BOARD CERTIFIED
ENVIRONMENTAL PROFESSIONALS
PRESIDENT**

Gary F. Kelman, MS, CEP
Maryland Department of the Environment

EX-OFFICIO:

CERTIFICATION REVIEW BOARD CHAIR
Robert A. Michaels, PhD, CEP
RAM TRAC Corporation

EX-OFFICIO:

ENVIRONMENTAL PRACTICE
Kelly Tzoumis, PhD
James A. Montgomery, PhD
DePaul University

PARLIAMENTARIAN AND RECORDER

Norman Arnold
Independent Consultant

NATIONAL OFFICE

Tim Bower, CAE
PO Box 460
Collingswood, NJ 08108
(phone) 856-283-7816
(fax) 856-210-1619
(email) naep@bowermanagementservices.com

CONFERENCE COORDINATOR

Donna Carter
1049 Sunset Drive
Lake Wales, FL 33853-4226
(phone) 863-679-3852
(fax) 501-423-1701
(email) naepfl@verizon.net

For more information about the NAEP, please visit the association's Web site at www.naep.org.

INCLUDED IN THIS ISSUE:

Paul B. Looney

PRESIDENT'S MESSAGE: Science, Politics, and Policy: Environmental Nexus

James Montgomery

LETTER FROM THE EDITOR

FEATURES

Stentor Danielson,
Seth P. Tuler,
Susan L. Santos,
Thomas Webler &
Caron Chess

RESEARCH ARTICLE: Three Tools for Evaluating Participation: Focus Groups, Q Method, and Surveys

Beth Ravit,
Meredith Comi,
Deborah Mans,
Christine Lynn,
Frank Steimle,
Sean Walsh,
Robert Miskewitz &
Stephanie Quierolo

RESEARCH ARTICLE: Eastern Oysters (*Crassostrea virginica*) in the Hudson-Raritan Estuary: Restoration Research and Shellfishery Policy

Jana Carp

ENVIRONMENTAL REVIEWS AND CASE STUDIES: The Town's Abuzz: Collaborative Opportunities for Environmental Professionals in the Slow City Movement

Nicholas Guehlstorf &
Lars K. Hallstrom

ENVIRONMENTAL REVIEWS AND CASE STUDIES: Participatory Watershed Management: A Case Study from Maritime Canada

POINTS OF VIEW

Sandra Fischer &
Lauren Hauck

PERSPECTIVES FROM THE FIELD: Creative Use of Mixed Media to Mitigate Historical Resource Impacts: Garrison Historic District, Fort Lewis, Washington

Fred B. Samson

PERSPECTIVES FROM THE FIELD: Three Endangered Species Acts: The Costs to Biodiversity Conservation

BOOK REVIEW

Kristan Cockerill

BOOK REVIEW: Martin V. Melosi, *Precious Commodity: Providing Water for America's Cities*

Cambridge Journals Online

For further information about this journal please
go to the journal website at:
journals.cambridge.org/enp



CAMBRIDGE
UNIVERSITY PRESS