



Ecology in 2020

2006 Annual Report





A LOOK AT 2006

MESSAGE FROM THE EXECUTIVE DIRECTOR

MEMBERSHIP IN THE ECOLOGICAL
SOCIETY OF AMERICA (ESA) GROWS
CLOSE TO 10,000

ESA has had another productive and successful year. The upward trend in membership continues with growth to 10,000 clearly in sight. Our finances are strong and we are building a reserve to allow us to operate with no loss of service to our members in the event of some unforeseen disruption.

Our new Annual Meeting staff team developed a number of initiatives that began in Memphis. Emphasis was placed on “greening” the meeting.

Our themed meeting in Mexico this year was an exceptional success. The program attracted participants from all over the world and travel support enabled many students from Latin America to attend. While in Mexico, ESA hosted a meeting of the Federation of the Americas—a gathering of presidents of ecological societies from the Americas. The Federation activities are expanding, as is its membership.

In addition to fundraising and supporting the Mexico meeting, Science programs included leadership in a collaborative effort with other scientific societies on data sharing issues, a National Agricultural Air Quality Workshop bringing together attendees from 25 countries, and a continued focus on sustainability science.

A major new initiative was the establishment of a Development Office to guide us in pursuing funding opportunities for priority activities identified by the Governing Board and staff. One of these is the plan for a Regional Knowledge Partnership in the Southeast region, an effort to address issues identified by stakeholders in the region.

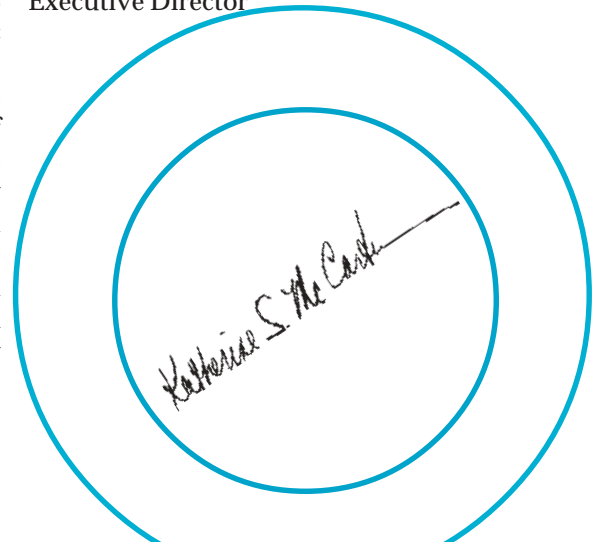
Our Society’s journals continue to be among the best in the field. Our newest publication, *Frontiers*, moved up in the ISI rankings (2nd out of 134 in the Environmental Science category and 6th out of 112 in the Ecology group) and *Ecology*, *Ecological Applications* and *Ecological Monographs* remain top-rated journals. We inaugurated the ESA data registry, where authors can make their metadata widely available. This year as well, we provided all our institutional subscribers print and online access to our journals at a reduced cost.

Rapid Response Teams, established last year, are thriving. Members involved have provided scientific input on congressional legislation, on proposed rule making by the Administration, and to a “friend of the court” brief submitted to the Supreme Court. ESA’s policy briefings, leadership in national coalitions, numerous fact sheets, position papers, official ESA statements, and media outreach build ESA’s reputation in the policy arena.

ESA’s Strategies for Ecology Education, Development, and Sustainability (SEEDS) program generates excitement among participants and ESA members involved in the program. The program hosted students in Montréal, Memphis, and the Mexico meeting. SEEDS students attended a field trip to the Sevilleta Long Term Ecological Research Project, and another to sites in Kansas. For the first time, a leadership workshop was held that included three generations of SEEDS fellowship students.

The following pages in this report highlight these accomplishments – and many more. ESA is a strong and growing organization of which I am proud to be Executive Director. Our staff team is professional, dedicated to the mission of the Society and to serving the membership. All of us are enthusiastic about the future of ESA and our role in its success.

- Katherine S. McCarter, ESA
Executive Director



A VISION FOR 2020

LETTER FROM THE PRESIDENT



ESA PRESIDENT
NANCY B. GRIMM



It has been my great pleasure to serve the ESA over this past year. Our Society continues to flourish and is growing ever stronger. Today, our membership is nearing 10,000 ecologists from academia, government, and the private sector. Today, we publish the highest quality papers on a diverse array of topics in the world's best ecological journals. The Society today is active in Washington, and has begun to turn its attention to Latin America and China. Today we celebrate 10 years of Strategies for Ecology Education, Development, and Sustainability—better known as SEEDS. And today we look back on January's meeting in Mexico, where English speakers were in the minority and themes of human migration, production systems, and invasive species were discussed.

Where will we be in 2020—if we could see into the future with 20-20 vision? I give you one hopeful scenario, a four-part vision for a plausible future state of our Society that can be realized through the work of the ESA Governing Board, staff, and membership. Ecology will lead the environmental sciences in creating new knowledge via the free sharing of ecological information. Ecological knowledge partnerships will be distributed regionally within the U.S., while ESA's involvement will extend internationally. Ecology will be a more relevant, engaged, and responsive science. Most importantly, ESA will be a diverse Society that is more reflective of the larger human society of which we are part.

We anticipate a deluge of ecological information from the expanding new technologies for observing ecological systems, including a national ecological observatory network (NEON) and related observational platforms. Ecologists must freely share these data, employing new kinds of tools for data access, management, and analysis. This year, the Governing Board approved and

established an ESA Data Registry. We encourage everyone who has a paper accepted in the ESA journals to register your data and make them publicly available.

The ESA of 2020 will have a network of Regional Knowledge Partnerships, coordinating rapid response teams of ESA member-experts who can provide scientific insight crucial to sustainable environmental management at local or regional scales across the continent. They will help to coordinate already strong and established local science-policy linkages within the regions. This year, ESA leadership launched a pilot program to develop a Regional Knowledge Partnership in the Southeast. ESA in 2020 also will be internationally engaged. It will coordinate the activities of a strong Federation of the Americas, with triennial meetings in Latin America. It will regularly participate in conferences, information exchange, and journal publication/translation in China and other rapidly developing countries. Today's ESA staff and membership efforts, such as funding nearly 100 Latin American students to attend the Mérida meeting and translation of several *Issues in Ecology* into Spanish and Chinese, are trajectories that presage this international involvement.

To become a science that is more relevant, more engaged, and more responsive, ecology must acknowledge that humans are a part of nature, that our actions and decisions reach even the remotest field site, and in turn, that human-generated changes in ecosystems feed back to the human system at various scales. Coupled with the outreach of ESA 2020 is a receptivity to new models and new ways of thinking, from the social and physical sciences, informed by the ways of engineers and planners, and responsive to the needs of those charged with management of the environments in which we live. Today, there's a sea change evident in the

Society and the science, reflected in topics of Annual Meeting symposia and subject-matter diversity of the sections. In a future, new era where collaborative, interdisciplinary research is imperative, we must learn to communicate across the disparate lexicons, objectives, and traditions of diverse disciplines.

Finally, ESA 2020 will be a Society of scientists from diverse personal backgrounds, with more people of color, more ethnic diversity, and a greater variety of perspectives and insights. In the words of twelve young leader-members in the SEEDS program, "we embody the diversity that ESA seeks, a diversity that is necessary for the advancement of science and society....SEEDS values cultural diversity in ecology by viewing it as a crucial tool to expand global environmental awareness, advance science, and increase community development." ESA today counts among its membership 4% Latino/Latina and <1% each African American and Native American, yet these groups are together nearly a quarter of the U.S. population. The dedicated ESA staff members who have worked on the SEEDS program get many kudos but every one of ESA's members needs to get involved in promoting diversity to get moving us forward.

My 2020 Vision is perhaps different from yours—and well it should be. The rich array of individual perspectives, and the broad spectrum of scientific questions and the way we go about answering them, is what makes the unfolding of scientific knowledge so exciting. Get involved and help create and realize a collective vision for the ESA of the future.



The Ecological Society of America is the country's primary professional organization of ecologists, representing over 9,700 scientists in the United States and around the world.

Since its founding in 1915, ESA has diligently pursued the promotion of the responsible application of ecological principles to the solution of environmental problems through ESA reports, journals, research, and expert advice to Congress. The Society also works with national and international media to convey ecological research results to the general public.

ESA offers a professional Certification Program for ecologists and maintains a list of Certified Ecologists.

Membership Benefits include:

- Networking opportunities and contacts with over 9,700 professional ecologists worldwide through the online ESA Membership Directory, through Section and Chapter activities, and through the Annual Meeting and other conferences

- Advance notification of employment opportunities

- Substantial cost savings on registration for the Ecological Society of America's Annual Meeting that draws more than 3,000 professional ecologists from around the world

- Membership - only subscriptions to the Society's well respected and highly cited scientific journals - *Ecology*, *Ecological Monographs*, and *Ecological Applications* - which provide the latest peer-reviewed research worldwide

- Subscription to *Frontiers in Ecology and the Environment*, a world-class

journal of interdisciplinary science for scientists, researchers, resource managers, policy-makers and educators

- Representation in the policy arena: ESA ensures that ecological science informs national policy decisions and works to garner federal support for ecological research

- Opportunity to join any of the five chapters or twenty sections

- Discounted subscription rates to *Journal of Natural Resources and Life Sciences Education*, published by the American Society of Agronomy

- Discounted subscription rates to *Journal of Biological Dynamics*

BIOLOGY AND ECOLOGY WERE THE MOST POPULAR FIELDS FOR RESPONDENTS SEEKING

A MASTERS DEGREE

*- PROFILES OF ECOLOGISTS**

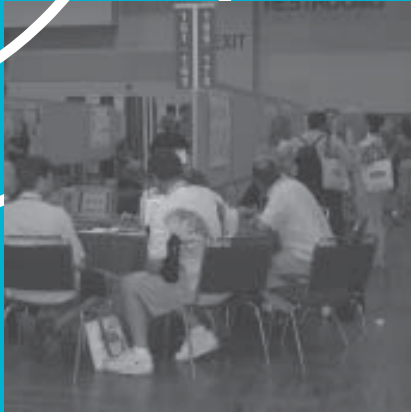
ESA MEMBERS HAIL FROM OVER 90 COUNTRIES

2006 ESA MEMBERSHIP STATISTIC



Photos (t-b): 1) Andrea Rawluck (McGill University) sampling in the field. Photo: Kaitlyn Rathwell. 2) SEEDS students and Meg Lowman from New College of Florida in front of their poster. Photo: Trevor Caughlin 3) ESA members participate in "An evening with music and ecology." Photo: Annie Drinkard. 4) Ecologists studying the job board during ESA's Annual Meeting. Photo: Laura Lipps.

MEMBERSHIP



Ecologists gather at a poster session during ESA's Annual Meeting. Photo: Laura Lipps.



Robin Reid, Andrew Muchiru, and Jayne Belnap inspect biological soil crusts in Masaaai Mara National Park, Kenya. File photo.



Student in a tree climbing course at the Center for Canopy Ecology at New College of Florida. Photo: Bryson Voirin.

Membership Category

Domestic	8049
Foreign	1709
Total Members	9758

Members by Affiliation

Academic	6486
Government	1227
Non-Profit	455
Consulting	610
Other/No Record	980

**MOST RESPONDENTS
DISCOVERED THEIR INTEREST
IN ECOLOGY THROUGH SCHOOL
- MOST AS UNDERGRADUATES,
BUT MANY EARLIER IN THEIR
EDUCATION**

*- PROFILES OF ECOLOGISTS**

Membership by Category

Regular	
Domestic	5201
Foreign	1033
Student	
Domestic	2278
Foreign	300
Life	
Domestic	225
Foreign	19
Emeritus Member	
Domestic	293
Foreign	33

Honorary Member	14
Developing Country	323
Other Members	39

ESA does not require its members to submit personal information regarding ethnicity or gender. The following statistics represent information that was volunteered by members.

Members by Ethnicity

Caucasian	7114
Asian	423
Hispanic	346
African American	77
Native American	33
Other/No Record	1765
Grand Total	9758

Members by Gender

Male	4851
Female	2474
Other/No record	2433
Grand Total	9758

* From Profiles of Ecologists Report, which surveyed members and nonmembers from May - September of 2005. Available at: www.esa.org/teaching_learning/diversity.php

Applied Ecology Section

The second largest ESA Section, Applied Ecology, gave a scholarship to Sean Michaletz from the University of Calgary to attend the 91st ESA Annual Meeting.

Aquatic Ecology Section

The Section provided two travel awards for the 2006 ESA Annual Meeting.

Asian Ecology Section

The Section continued to promote collaboration between American and Chinese ecologists. Their activities included translating important documents and papers from ESA journals into Chinese, as well as assisting with several meetings.

Biogeosciences Section

Growing by leaps and bounds, the Section supported a symposium in the 2006 ESA Annual Meeting.

Education Section

Members of the Section continue to be involved in many highly successful activities including Teaching Issues and Experiments in Ecology (TIEE), SEEDS, Syllabus Exchange, Ecology 101, and EcoEdNet.

Long Term Studies Section

The Section held a joint mixer with the Applied, Agroecology, and Rangeland Sections at the 91st ESA Annual Meeting.

Paleoecology Section

Zoe Finkel was awarded the 2005 Edward S. Deevey Award for Out-

standing Student Presentation in Paleoecology.

Physiological Ecology Section

The Section received commitments of support for the Billings Award. Members also made improvements to their website, including over 80 course listings.

Plant Population Ecology Section

Members selected five graduate students for its Student Travel Awards and continued their tradition of holding a silent auction at the ESA Annual Meeting.

Rangeland Ecology Section

Members organized and sponsored the symposium, "The detection of catastrophic thresholds," along with the Society for Range Management, at the 2006 ESA Annual Meeting.

Soil Ecology Section

In addition to sponsoring a symposium at the ESA Annual Meeting, the Section continued to hold its competition for best student presentation in soil ecology at the meeting.

Statistical Ecology Section

In addition to the E.C. Pielou Student Award, the Section sponsored a symposium and full day workshop at the ESA Annual Meeting.

Student Section

Enjoying a dramatic increase in student involvement and an increase in membership, members of

the Student Section have been involved in the organization of eleven sessions and workshops at the 2006 ESA Annual Meeting. The Section also has representation and/or participated with the Public Affairs Committee, the Meetings Committee, and the ESA Website Redesign Committee.

Traditional Ecological Knowledge (TEK) Section

Successfully implementing programs for the last two ESA Annual Meetings, as well as the Mérida Meeting in Mexico, the Section continues to hold lively sessions. A number of meeting participants, from a wide array of ecological fields, have commented that the existence of the TEK Section has encouraged them to join ESA.

Theoretical Ecology Section

The Section awards the Alfred J. Lotka and Vito Volterra prizes for the best presentations given by students during the ESA Annual Meeting. The members of the Section also sponsored an organized oral session at the 91st ESA Meeting.

Urban Ecosystem Ecology Section

Members set up a new website including venues for urban ecology publications, links to urban ecological research sites, and academic programs.

LINKS TO SECTION AND CHAPTER WEBSITES CAN BE FOUND AT:
www.esa.org/chapters_sections/



Sue Phillips collects soil samples in the Mojave Desert. Photo: Tonya Troxler, U.S. Geological Survey.



Meeting attendees explore a poster session. Photo: Laura Lipps.



Nelle Marcoux (McGill University) meeting with local farmers. Photo: Kaitlyn Rathwell.

ECOLOGY ENGAGED

THE MATERIALS ON THESE PAGES ARE “SNAPSHOTS” FROM THE MANY ACTIVITIES OF CHAPTER AND SECTION MEMBERS. FOR A COMPLETE LIST OF SECTIONS AND CHAPTERS VISIT WWW.ESA.ORG/CHAPTERS_SECTIONS

Canada Chapter

Over the past year, the Canada Chapter awarded student prizes to Danielle Way and Patrick Vogan. The Chapter sponsored a symposium on genetic diversity at the 91st ESA Annual Meeting. Members also met at the first general meeting of the Canadian Society of Ecology and Evolution.

Mexico Chapter

With 61 members from six countries and growing, the Mexico Chapter had a busy year helping with the ESA meeting in Mérida, Mexico. The Chapter also published the results of its first sponsored symposium, “The Evolution of Ecology in Mexico,” in *Frontiers in Ecology and the Environment*, 4(5):259-267.

Mid-Atlantic Chapter

Directing its energies to presenting at annual scientific meetings, the Chapter held its official meeting in April in New Jersey, with the theme, “Ecology in the Field.” About 100 people attended 22 oral sessions and 39 poster presentations.



SEEDS Students (l-r) Chris McLaughlin, Lisa Garcia, Angela Loud Bear, and Amber Finley and other participants in the Traditional Ecological Knowledge workshop. SEEDS file photo.

Rocky Mountain Chapter

The Chapter continues to sponsor the annual Front Range Student Ecology Symposium at Colorado State University. Following a discussion on NEON (National Ecological Observatory Network), the Chapter applied for and received a long-range planning grant for a meeting for the Northern Rocky Mountain Ecological Observatory (details online at: www.normeo.org).

Southeastern Chapter

In addition to holding two meetings this year, the Southeastern Chapter bestowed the Odum Award and the Quarterman Kever Award in March at the Association of Southeastern Biologists Meeting. The Chapter also organized two symposia at the ESA Annual Meeting.

Joining an ESA Section or Chapter is a great way to become more active within the Society. Chapters are regionally based and tend to focus on issues related to their localities. Activities may range from field trips to organizing seminars. Sections draw members who share an interest in a particular area of ecology and provide a network for members to advance their work in the field. Sections and Chapters also organize and sponsor symposia, workshops, business meetings and networking events at the ESA Annual Meeting.

REACHING A GLOBAL AUDIENCE



Online Access to Research in the Environment (OARE)

ESA is one of the founding members of OARE, a new collaborative initiative to make global research in the environmental sciences available online to scientists, researchers, and policy makers in over 100 countries in the developing world for free or at nominal cost. The project, an initiative with the United Nations Environment Programme (UNEP), Yale University, and scientific and technical publishers was launched in 2006. ESA has contributed all of its journals to the collection.



China Special Issue

September 2006 saw the publication of the *Frontiers* Special Issue on China. This issue, made up entirely of articles written by Chinese authors in China, focused on air and water pollution, urbanization, biodiversity loss, and land-use change in that country. The abstract of each article appeared in both English and Chinese. Copies have been distributed free in China.



Impact factor

In June 2006, *Frontiers* received its second impact factor. The journal is ranked 2nd out of 134 journals in the Environmental Science category and 6th out of 112 journals in the Ecology category.

Competition to publish in ESA's journals increased in 2005, the most recent data available, with acceptance rates for *Ecology*/



Monographs at 20.7 % and 22.6 % for *Applications*.

Ecology in an Era of Globalization

In 2006, ESA held its first solo international conference, *Ecology in an Era of Globalization*, in Mérida, Mexico. The meeting attracted more than 480 attendees from 20 countries. Over 200 student participants included 99 Latin American students supported by a Ford Foundation grant to ESA, and 31 U.S. students assisted by a National Science Foundation grant.

Press interest in the Society's journals and meetings

Interest included coverage by National Public Radio, *Toronto Star*, ScienceNow, *Nature*, United Press International, *USA Today*, ABC News, *Scientific American*, Deutschlandfunk Radio, *Seattle-Post Intelligencer*, and DailyIndia.com.

Journals available in China

ESA recently reached an agreement with the Chinese Government to make all ESA journals accessible to institutions in China. To help efforts, the Asian Ecology Section created a Chinese version of the ESA website (www.esachina.cn/).

Research around the globe

ESA's journals attract submissions from many countries outside the U.S. Only half of the corresponding authors in 2005 had a U.S. institutional affiliation.

Pictures from top to bottom: 1) File photo of an urban environment 2) Participants listen to a presentation at the Ecology in an Era of Globalization meeting. Photo: C.S. Duke. 3) An article in the New York Times covered a study on historic sea turtle populations published in Frontiers. Pictured: Kemp's ridley's sea turtle (Lepidochelys kernpi). Photo: Annie Drinkard. 4) Noemi Baquera, 2005-2006 SEEDS Fellow and Mérida travel awardee, looking through a telescope at the Mirador in Uaymitun in Mexico. This was part of a SEEDS field trip led by ESA Member Cindy Wilber. SEEDS file photo.

EDUCATION AND DIVERSITY



SEEDS student on field trip in Mexico. File photo.



Grimm and King County (Washington) Executive Ron Simms at the Opening Plenary of the Annual Meeting. Photo: Drinkard.



Patrick Megonigal (left with hat) and participants on a field trip as part of the three-day course on wetlands science for congressional staff in August. Photo: Nadine Lynn.

SEEDS CELEBRATED ITS 10TH YEAR WHILE ITS CHAPTERS GREW TO 37 GROUPS IN 2006

New Education Series

The new Education Series *Pathways to Effective Communication*, was launched in the August issue of *Frontiers* and is proving to be a lively and informative addition to the *Frontiers* content. The series focuses on communication – specifically on communication with all the different audiences that *Frontiers* readers will probably have to face at some time during their career. Each contribution begins with a story and then goes on to provide the reader with information on what previous research has

taught us about the particular type of communication.

SEEDS Workshop

Three generations of SEEDS fellowship students and many of their mentors attended a workshop that was held in March in Tempe, Arizona, at the Arizona State University (ASU) campus.

The workshop was hosted by Nancy Grimm, ESA President and current SEEDS Fellowship mentor, and the Global Institute of Sustainability at ASU.

The workshop began with a roundtable discussion on the complex topic of leadership. Students also received an introduction to the applied ecology movement within ESA from Laura

Huenneke, Dean of the College of Engineering and Natural Sciences at Northern Arizona University. Students took information from this introduction to develop their ideas for a Student Summit, which is the fellowship students' voice to the ESA community. The end result was a paper published by the students in the *ESA Bulletin*.

Women and Minorities in Ecology Committee Report

First founded in 1993, this committee provides leadership and recommendations for ESA diversity initiatives. A new report was issued in 2006, and is available at www.esa.org/teaching_learning/diversity.php.

Volume 4 of TIEE was issued this year.

INFORMING SOCIETY

Background: Susan Williams discussing invasive species at the National Press Club. Dick Mack and David Lodge also presented at the event. Photo: Annie Drinkard.

Experts on the Society's **Rapid Response Teams** presented recommendations on **management of biological invasions** at the National Press Club, led **congressional staff on a wetlands field trip**, and weighed in on a **climate change case** before the US Supreme Court.

Members of the **Public Affairs Committee** participated in the newly formed **Mexican Ecological Society's** first science conference to share information on public outreach.

The Workshop on Agricultural Air Quality: State of the Science

Held in June 2006 in Potomac, Maryland, the Science Office provided logistical and programmatic support for this workshop, which was cosponsored by North Carolina State University (N.C. State) and Duke University. The workshop, supported by U.S. Department of Agriculture, National Science Foundation, and others, focused on improving agricultural air quality inventories and recommended technological and methodological changes in current modeling and measurement practices. Workshop co-chairs included Viney Aneja of N.C. State and former ESA President Bill Schlesinger of Duke University.



Data Sharing Workshops

A series of workshops was held on data sharing designed to explore common ground on data sharing issues among the ecology, evolution, and organismal biology communities. The first, on the development of data registries, was held in July in Washington, DC, and the second, on data centers, was hosted at the National Center for Ecological Analysis and Synthesis (NCEAS) in December.

ESA's Annual Meeting in Memphis, Tennessee

ESA's 91st Annual Meeting consisted of 115 contributed oral sessions, 24 symposia, 14 organized oral sessions, 26 workshops, 10 special sessions and 16 evening sessions.

Over 2800 people attended, enjoying the scientific exploration of ecology and the cultural richness of Memphis.

GETTING INVOLVED

Congressional Visits

Help ESA raise awareness about ecological science in the policy world. Policymakers continue to say they don't see scientists often enough in the Halls of Congress. Consider visiting, writing, or



calling your Senators and Representatives either when you're in Washington, DC or in your home district when Congress is in recess. The ESA Public Affairs Office can help you every step of the way and you'll find "how-to" tips and legislative updates at the Public Policy & Media homepage.

Teaching Issues and Experiments in Ecology, ESA-TIEE Web

The **TIEE Web** aims to improve teaching and student learning through integrated and innovative lecture and lab materials. Add to the TIEE Web by contributing to the experiments and issues components being developed. For more information, contact tiesubmissions@esa.org.

ESA Position Papers, Policy Papers, and Issues in Ecology

Opportunities exist to propose and develop **ESA Position Papers, Policy Papers, and Issues in Ecology** on key ecological issues. Proposals for Position Papers and Policy Papers should be submitted to the ESA Governing Board and proposals for *Issues in Ecology* should be submitted to Editor Bill Murdoch (Email: murdoch@lifesci.ucsb.edu).



Photos (l-r): 1) Eminent Ecologist Award Winner Daniel Simberloff with Nancy Grimm. ESA file photo. 2) International trade is one way for invasive species to reach new locales. ESA file photo. 3) Meeting attendees examining a quilt and posters at the 2006 ESA Annual Meeting. Photo: Laura Lipps.

In 2006 the Meetings Committee requested ESA give priority to 'green' cities for future annual meeting sites.

ESA's meetings staff worked to save resources and reduce waste by implementing the "Annual Meeting Recycle Bag" program.

2006 AWARD WINNERS

Eminent Ecologist:
Daniel Simberloff

Distinguished Service Citation:
Margaret Palmer

Honorary Member Award:
Suzanne Milton

Corporate Award:
Straus Family Creamery

Sustainability Science Award:
Millennium Assessment Team

Odum Education Award:
Claudia Lewis

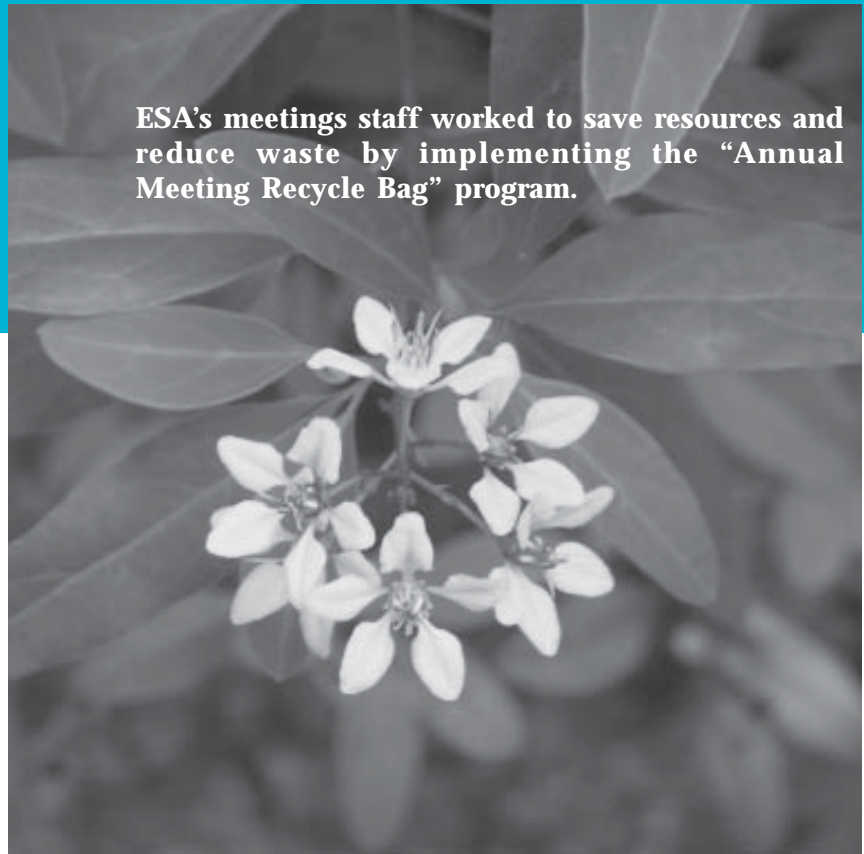
Mercer Award:
Anurag Agrawal

Cooper Award:
Stephen Hubbell

MacArthur Award:
Alan Hastings

E. Lucy Braun Award (2005):
Phoebe Zarnetske

Murray E. Buell Award (2005):
Sean Menke



Flowering plant in the Queen Elizabeth II Botanical Gardens, Grand Cayman, British West Indies. Photo: Drinkard.

ESA ENCOURAGES
AUTHORS TO TAKE
ADVANTAGE OF THE
NEW DATA REGISTRY
FOR DEPOSITING
METADATA

ESA LAUNCHED ITS
FIRST BLOG, *ESA
NEWS AND VIEWS*, IN
NOVEMBER



Photos (clockwise from top): The Straus family with Nancy Grimm (l) and Carol Brewer (r). Alan Hastings (l) receiving the MacArthur Award, pictured with Simon Levin (r). Claudia Lewis receiving the Odum Education Award. All Photos: Drinkard.

STRIDING TOWARDS 2020

ESA staff and the Development Committee created a master plan for ESA's future. The Society is focusing on priorities as determined by the Governing Board. The priorities include: Education programs; *Frontiers in Ecology and the Environment*; Regional Knowledge Partnerships; Federation of the Ecological Societies of the Americas; and Science Office programs.

Development activities were focused on the test membership development campaign, creating campaign materials and prospects for advertising and sponsorships for *Frontiers in Ecology and the Environment*, preliminary work on developing funding for the Knowledge Partnerships-Southeast, SEEDS, and the Fourth International Nitrogen Conference, N2007.

Staff completed an analysis of the membership consumer attitude

survey, identified several potential major advertisers and sponsors for *Frontiers*, worked with *Frontiers* marketing staff to develop advertising sales materials, and identified and added over 100 names to the potential major donor database.

The *Bulletin* has undergone a huge expansion, almost doubling in size since 2004. In response to larger files, the *Bulletin* editors have created smaller file size options for the online PDF versions, so that relevant parts of the *Bulletin* can be downloaded and printed more quickly, even by those with dial-up computer connections.

Two new regular features began this year. "Reports of Symposia at the ESA Annual Meeting" will allow members to "catch up" on colloquia they missed during the whirlwind of the meeting. A second feature, "The Paper Trail" publishes reports by well-known ecologists on classic ecology papers

that influenced their work in an important way.

A new feature is the publication in full of documents produced by ESA or cooperating institutions, such as ESA's Amicus brief to the U.S. Supreme Court in defense of wetlands and another official ESA statement on "The Certainty of Global Climate Change."

ESA LAUNCHED

A REVAMPED

WEBSITE IN 2006

VISIT: WWW.ESA.ORG

A GREATLY EXPANDED PHOTO GALLERY IN THE *BULLETIN* SHOWCASES PHOTOGRAPHS THAT SUPPLEMENT THE SCIENTIFIC ARTICLES PUBLISHED IN *ECOLOGY* AND *ECOLOGICAL APPLICATIONS*.

GOVERNING BOARD 2005-2006

President

Nancy Grimm
Arizona State University

President-Elect

Alan Covich
Institute of Ecology

Past President

Jerry Melillo
Marine Biological Laboratory

Vice President for Science

Gaius Shaver
Marine Biological Laboratory

Vice President for Finance

Bill Parton
Colorado State University

Vice President for Public Affairs

Richard Pouyat
Baltimore Ecosystem Studies

Vice President for Education and Human Resources

Carol Brewer
University of Montana

Secretary

David Inouye
University of Maryland

Members-at-Large

Shahid Naeem
Columbia University

P. Dee Boersma
University of Washington

Dennis Ojima
Colorado State University

MILLENNIUM FUND DONORS

Donor \$1 - \$49

John Ackermann
James Agee
Douglas Alexander
Edith Allen
Margery Anthony
Jeff Arendt
Paul Banko
George Batzli
Barbara Bedford
Arthur Benke
Jan Beyers
Lori Biederman
Seth Bigelow
Bibiana Bilbao
Patrick Bohlen
Christina Bollinger
Richard Boyce
Elizabeth Braker
Dennis Bramble
Nicholas Brokaw
Carol Bryant
Deron Burkepile
Edward Clebsch
Elsa Cleland
Paul Conklin
Robert Creed
Robert Cushman
Bohdan Dziadyk
Stephanie Elia
James Elser
William Ferrell
G. Folk
Lucio Godinez
Tim Graham
Douglas Grant
Lisa Graumlich
Martha Groom
John Harte
Alan Hastings
Barbara Hays
Joel Heinen
Elizabeth Hippert
Carole Hom
Cliff Hupp
Gail Irvine
Kathleen Keeler
Megan Keserauskis
Catherine Koning
Thomas La Point
Mathew Leibold
Susan Letcher
Warner Lo
Zhijun Lu
William Martin
Robert McIntosh
Michael Melampy
Chester Moore

Hem Nalini
Morzaria Luna
Chad Murvosh
J. V. Nabholz
Christopher Neill
Elizabeth Newell
Bruce Orr
Gard Otis
Thomas Owens
Andrew Parker
Debra Peters
Charles Ramcharan
Oscar Ramirez-Rivas
George Robinson
Carl Ruetz
Peter Salamun
Paula Sanchini
Joshua Schimel
David Smith
Allison Snow
Candan Soykan
Emily Stanley
Robert Taylor
James Thorne
Jan Topercer
Genevieve Tvrdik
Susan Ustin
Richard Walker
Richard Ward
Stephen Watts
Katherine Webster
Harold Weeks

Sponsor \$50 - \$99

Michael Allen
Robert Beschta
Theresa Bucher
Brian Chabot
Virginia Dale
Evan De Lucia
R. Ford Denison
Peter Frank
Douglas Fraser
Gary Geller
Anne Giblin
Lawrence Giles
Richard Goodwin
Cadet Hand
Bret Harvey
Stephen Johnson
Greayer Jones
Kheryn Klubnikin
William Lidicker
Svata Louda
Gretchen North
Sonia Ortega
David Parkhurst
Thomas Peterson
Heather Reynolds
Paul Ringold
Dave Rugg
Valerie Ryden
Shannon Scroggins
Jack Secor
Thomas Sisk
Charles Southwick
Margaret Stewart

Jason Taylor &
Maggie Smith
Francesco Trama
Thomas Wentworth
Alma Wills
Sarah Workman
Weixing Zhu

Sustainer \$100 - \$249

Jane Bain
Alan Berkowitz
Martyn Caldwell
Stephen Chaplin
Peter Chen
James Coleman
David Coleman
Sharon Collinge
Charlene D'Avanzo
Eric Davidson
Andrew Dobson & Anna
Lyles
J. Emmett Duffy
Alexander Flecker
Harold Fritts
Deborah Goldberg
Katherine Gross
David Hart
Jeffrey Herrick
Paul Higgins
Martha Hoopes
John Howieson
Boyd Hutchison
Douglas James
Thomas Johnsen
Linda Joyce
Bobby Keeland
Brian Keller
Kenneth Klemow
Alan Knapp
William Kodrich
Orie & Elinor Loucks
Nadine Lynn
Michael Marcus
Richard Miller
Steven Miller
Knutte Nadelhoffer
Shahid Naeem & Sara
Tjossem
Richard Norby
David Oberbillig
Louis Pitelka
Richard Pouyat
Douglas Powell
Mary Power
Thane Pratt
Peter Price
H. Ronald Pulliam &
Janice Pulman
Wayne & Monica Richter
Richard Root
Osvaldo Sala
Donald Shure
Stephen Sillett
Boyd Strain
James Sweeney
Carolyn Thomas &
Bob Pohlrad

Jean Thomson Black
William Tietjen
Judith Vergun
Linda Wallace
Milton Weller
H. Wright
Julie Denslow
Dickinson Roop
Rebecca Shaw
Peter Chesson
Janet Lanza
Robert Peet
Alison Perkins
James Grover
Scott Collins
Carlos De La Rosa
David & Marian Gates
Thomas Kinraide
Betty Meggers
Sheila Moats
Alison Power
Victor Riemenschneider
Michael Ryan
Timothy Schowalter
Richard Thomas
Frederic Wagner
Mary Willson
Kenneth Armitage

Patron \$250 - \$499

Jayne Belnap
Elizabeth Biggs &
Nelson Hoy
Arthur Cooper
Clifford Duke
Louis Gross
Laura Huenneke
David Inouye
Robert Jackson
David Kicklighter
Ann Kinzig
Simon Levin
Tim Male
Jason McLachlan
Kiyoko Miyanishi
Steven Oberbauer
William & Alicia
Robertson
Rebecca Sharitz
Gaius Shaver
Mark Walbridge
C. Wasser

Benefactor \$500 - \$999

Lawrence Bliss
P. Boersma
Jill Baron & Dennis Ojima
John Briggs
Alan Covich
Fred Mason Fisher
Memorial Fund of the
Erie Community
Foundation
Nancy Grimm
Margaret Lowman
Jane Lubchenco & Bruce
Menge

James MacMahon
Pamela Matson
Katherine McCarter
Jerry Melillo
Robert Paine
Duncan Patten
John Pelton
Diana Wall

Millennium Club \$1000 and up

Ann Bartuska
Carol Brewer
Stephen Carpenter
Norman Christensen
Christopher Field
William Parton
William Schlesinger

Matching Contributions

Andrew Mellon
Foundation

The Annual Fund for the Millennium was launched during the 1999 Annual Meeting in Spokane, Washington. This fund makes possible activities and programs that ESA could not afford under its current operating budget. ESA would like to recognize the preceding people for their contributions to the Annual Fund for the Millennium during the past year.

FINANCES

Statement of Activities

	Total
REVENUES	
Grants & Contributions	1,253,335
Membership Dues	558,026
Subscriptions	2,310,009
Manuscript Charges	317,376
Annual Meeting	1,567,725
Investment Income (loss)	143,447
Other Revenues	160,169
Net Assets released from restrictions	-
Total Revenues	<u>6,310,087</u>
EXPENSES	
Program Services:	
Public Affairs	222,425
Science Program	1,161,878
Annual Meeting	1,053,986
Chapters & Sections	15,486
Journals	1,747,124
Frontiers	592,184
Education	<u>566,206</u>
Total Program Services	<u>5,359,289</u>
Management & General	<u>1,264,026</u>
Total Expenses	<u>6,623,315</u>
CHANGE IN NET ASSETS	(313,228)
Net Assets as of June 30, 2005	<u>3,922,428</u>
Change in Net Assets	<u>(313,228)</u>
Net Assets as of June 30, 2006	<u>3,609,200</u>

Statement of Financial Position

CURRENT ASSETS	
Cash and cash equivalents	2,200,488
Investments	3,606,010
Accounts receivable	84,948
Grants receivable	66,449
Prepaid expenses	<u>91,842</u>
Total current assets	<u>6,049,737</u>
FURNITURE AND EQUIPMENT	
Equipment	314,170
Furniture and fixtures	<u>46,583</u>
	360,753
Less Accumulated depreciation and amortization	<u>(291,874)</u>
Total furniture and equipment	<u>68,879</u>
OTHER ASSETS	
Deposits	<u>10,075</u>
Total other assets	10,075
TOTAL ASSETS	<u>6,128,691</u>
CURRENT LIABILITIES	
Accounts payable and accrued expenses	466,434
Deferred revenue:	
Membership and subscription	1,515,161
Meetings	<u>537,896</u>
Total current liabilities	<u>2,519,491</u>
NET ASSETS	
Undesignated	879,264
Board designated	<u>469,012</u>
Total undesignated	1,348,276
Temporarily Restricted	2,210,924
Permanently Restricted	<u>50,000</u>
Total net assets	<u>3,609,200</u>
TOTAL LIABILITIES AND NET ASSETS	<u>6,128,691</u>

Audited by Gelman, Rosenberg, Freedman. For a complete audit report please contact ESA's Washington DC office.



Journal covers from 2006 issues of Frontiers, Ecology, Ecological Monographs, and Ecological Applications. Background: California Mussels (*Mytilus californianus*). ESA file images.

ESA HEADQUARTERS

1707 H Street, NW, Suite 400, Washington, DC 20006

General inquiries: phone: (202) 833-8773,

fax: (202) 833-8775, email: esahq@esa.org

ESA Headquarters

Executive Director: Katherine S. McCarter
ksm@esa.org

Chief Financial Officer: Elizabeth Biggs liz@esa.org

Associate Director, Information Systems: Thet Khaing Oo thet@esa.org

Administrative Assistant/Governance: Marie Fredlake marie@esa.org

Finance & Accounting Associate: Win May Kyaw may@esa.org

Meetings Planner: Michelle Horton michelle@esa.org

Meetings Assistant: Tricia Crocker tricia@esa.org

Membership/Database Manager: Rachel M Dellon rachel@esa.org

Marketing and Advertising Manager: Sika Dunyoh sika@esa.org

Webmaster: Zaw Aung zaw@esa.org

Public Affairs Office

Director: Nadine Lynn nadine@esa.org

Public Affairs Officer: Annie Drinkard annie@esa.org

Policy Analyst: Colleen Fahey colleen@esa.org

Science Office

Director: Clifford Duke csduke@esa.org

Program Manager: Mindy Destro mdestro@esa.org

Program Assistant: Devon Rothschild devon@esa.org

Education Office

1400 Spring Street, Suite 330, Silver Spring, MD 20910-2749 . General inquiries: phone: (301) 588-3873, fax: (301) 588-4693, email: education@esa.org

Director: Jason Taylor jason@esa.org

Program Manager: Katherine Hoffman katherine@esa.org

Education Coordinator: Jennifer Riem jennifer@esa.org

SEEDS Coordinator: Melissa Armstrong melissa@esa.org

Frontiers in Ecology & Environment

1400 Spring Street, Suite 330, Silver Spring, MD 20910-2749 . General inquiries: phone: (301) 588-4691, fax: (301) 588-4693, email: frontiers@esa.org

Editor in Chief: Sue Silver suesilver@esa.org

Assistant Editor: Ken Ferguson ken@esa.org

Assistant Editor: Chelsea Wood chelsea@esa.org

Publications Office

127 West State St., Suite 301, Ithaca, NY 14850-5427
General inquiries: phone: (607) 255-3221, fax: (607) 273-3294, email: esa_journals@cornell.edu

Managing Editor: David Baldwin jdb27@cornell.edu

Data Archives Manager/Features Editor: Jane L. Bain jlb40@cornell.edu

Copy Editor: Gail Blake gab1@cornell.edu

Office Assistant: Heather Carlo hjs22@cornell.edu

Associate Managing Editor: David Gooding dag25@cornell.edu

Copy Editor: Dooley Kiefer dsk11@cornell.edu

Copy Editor: Rachel Lodder rll25@cornell.edu

Editor Emeritus: Lee Miller lm2@cornell.edu

Graphics/Production Editor: Regina Przygocki rhp24@cornell.edu

Office Manager: Jane Shaw ljs19@cornell.edu

Technical Editor: Margaret Shepard

mbs19@cornell.edu

Copy Editor: Nancy Sorrells nrs15@cornell.edu

Editorial Assistant: Linda Stoddard les13@cornell.edu

Publications Coordinator: Anne Marie Whelan

esa_pubs@cornell.edu



The 2006 ESA Annual Report is printed on recycled paper.

Design and Layout: Annie Drinkard Printing: PeakeDeLancey



ECOLOGICAL SOCIETY OF AMERICA
1707 H STREET, NW, SUITE 400
WASHINGTON, DC 20006
WWW.ESA.ORG