

## U.S. Regional Association of the International Association for Landscape Ecology

# US-IALE Newsletter

**Summer 2010**  
**Volume 25/2**

Inside this issue:

<i>25th Anniversary Symposium</i> . . . . .	1
<i>Presidents Message</i> . . . . .	2
<i>Historic Perspective</i> . . . . .	2
<i>Student News</i> . . . . .	3
<i>Past Presidents Address</i> . . . . .	6
<i>2010 Awards Update</i> . . . . .	7
<i>Foreign Scholar Award</i> . . . . .	9
<i>CHANS Fellows of 2010</i> . . . . .	10
<i>NASA-MSU Mentor Awards</i> . . . . .	10
<i>NASA-MSU Professional Enhancement Awards</i> . . . . .	10
<i>Note from Landscape Ecology Journal Editor</i> . . . . .	12
<i>Membership</i> . . . . .	12
<i>New Committee Members</i> . . . . .	13
<i>Parting Committee Members</i> . . . . .	15
<i>2011 Annual Meeting—Portland Oregon</i> . . . . .	16
<i>Executive Council</i> . . . . .	17

## *US-IALE celebrates their Twenty-fifth Anniversary, returning to Athens, GA the location of the first meeting in 1986.*

The United States Regional Association of the International Association for Landscape Ecology (US-IALE) celebrated their Twenty-fifth Anniversary Symposium at the University of Georgia (UGA) Continuing Education Conference Center & Hotel in Athens Georgia from 5 through 9 April 2010. Approximately 300 participants from 20 countries (Argentina, Bangladesh, Belgium, Brazil, Canada, China, France, Germany, India, Israel, Italy, Mexico, New Zealand, Pakistan, Philippines, South Africa, Spain, Taiwan, United Kingdom, and United States) participated in the symposium with the theme “Is What Humans Do Natural?”

Terry L. Barrett and Gary W. Barrett, Eugene P. Odum Chair in Ecology, were hosts and served as co-program chairs for the twenty-five year celebration symposium. A beautiful southern setting and southern hospitality served as the backdrop for an exciting meeting agenda which included four plenary, twelve symposiums and five workshops. In addition, approximately 150 technical and 51 poster presentations were scheduled.

The four plenary sessions provided a snapshot of the path that landscape ecology has taken in the US, from its early beginnings to current pressing topics. The first plenary of the meeting described pivotal circumstances in the early history and founding of US-IAEL. Richard T. T. Forman described the founding of IALE and relationship with US-IALE; Gary W. Barrett placed the setting in the early 1980s when federal funding became paramount to landscape ecology; and Monica G. Turner explained challenges, as a young ecologist, organizing a na-

tional meeting for a fledgling professional organization.

In the other plenary sessions, Simon A. Levin, Princeton University, and one of the participants of the Allerton Park Workshop, discussed the evolution of ecosystem patterns in addressing major environmental problems; Joseph A. Tainter, Utah State University, interpreted the collapse of complex ancient societies as future lessons; and Carol Brewer, University of Montana, focused on the significance of linking ecologists with participatory citizenry to advance scientific research and literacy.

Marking the twenty-fifth anniversary, special symposia recognized the contributions of US-IALE presidents and editors of *Landscape Ecology*. Symposium I, “US-IALE Presidents’ Symposium,” organized by Gary W. Barrett, encompassed ret-

*(Continued on page 4)*



*Allerton Park Workshop participants in 1983. The NSF sponsored workshop led to the formation of US-IALE and the first symposium in 1986 at UGA in Athens, GA.*

## *President's Message – Nonpoint environmental issues and landscape ecology*



*Dean Urban*  
US-IALE President  
2010-2012

I was in high school when the Cuyahoga River caught fire and burned. That was an era when environmental problems were, in principle, simple: shut down or clean up the offending pipes and stacks. Since then, many of our point-source environmental problems have been solved—or at least the solutions are known. Today our environmental challenges tend to be “nonpoint source” in nature, a term that implies that the problems somehow arise from nowhere. But everything happens *somewhere*, so “nonpoint” is misleading: what we really mean is “too many points”.

That is, the issue is so spatially extensive that it is often not obvious where to focus efforts to fix the problem.

I have been reminded of the “nonpoint” challenge in the wake of the oil rig disaster in the Gulf of Mexico. The well itself, of course, is a point-source problem, and one that will be ‘solved’ at a single point far beneath the ocean’s surface. But the aftermath of the disaster is classic nonpoint: oil carried throughout most of the Gulf, affecting much of the Gulf Coast shoreline, and eventually perhaps much of the southern Atlantic seaboard. Faced with a catastrophe of such magnitude, it is easy to despair: it is not clear where to even begin to address this problem.

In some disciplines, however, we have made substantial progress in dealing with nonpoint stressors. Water quality management has long embraced best practices that target key areas and local solutions (riparian buffers, livestock exclusions) while also noting that certain topographic settings are particularly vulnerable to mismanagement, or amenable to management interventions.

Much of environmental management is now nonpoint source. Population pressure on land use is pervasive, leading to widespread loss and fragmentation of natural habitats. And global climate change is, well, global. These are nontrivial challenges, but also an opportunity for us as landscape ecologists. Our discipline is founded on the premise that location matters, that spatial configuration and ecological processes are tightly coupled. From this, we have spawned a multifaceted research agenda in population, community, ecosystems, and human ecology, with a corresponding diversity of applications in conservation biology, resource management, ecological restoration, and land use planning. In all of this, the focus is on location: Which hotspots most need to be protected? Which degraded sites most need to be restored? What arrangement of land uses will best ensure the provision of ecosystem services to society?

In short, we are pretty good with nonpoint problems. But we haven’t been very good about advertising this expertise to a rapidly expanding client base. Over the last 25 years landscape ecology has founded itself as a discipline, invested the due diligence to ensure that its foundation was conceptually and numerically sound, and survived the growing pains of establishing its intellectual identity. Now it is time to prove that we can also be useful.

The Gulf oil disaster will be solved, proximately, by a master plumber. But the aftermath will be mitigated by an army of people who can address the most pressing problems at the places they most need to be addressed: which places need to be protected if possible, which places should be cleaned up first, and so on. This is landscape ecology (and seascape ecology). That’s us.

At the twenty-fifth anniversary Landscape Ecology symposium, there was some discussion about making the discipline relevant, perhaps through marketing. I would argue that we are already plenty relevant. And we don’t need marketing. We merely need to show that we are useful and can help solve today’s environmental problems for society. If we can do this, marketing will take care of itself. It’s time for landscape ecology to abandon its introspective youth and enter the workforce.

**Dean Urban**  
President, US-IALE  
Duke University

*First Page*

---



---

## *A Historical Perspective*

The Twentieth-fifth Anniversary meeting in Athens at UGA was appropriate as the first US-IALE symposium was held there in 1986. Three years earlier, landscape ecology had its beginnings in the United States in the spring of 1983 in Allerton Park, Illinois. The National Science Foundation (NSF) funded a workshop organized by Paul Risser, Richard Forman, and James Karr as per the recommendation by Gary W. Barrett, then Ecology Program Director at the NSF. The Allerton Park Workshop served as a catalyst for annual symposia of US-IALE. The late Frank B. Golley and Postdoctoral Fellow Monica G. Turner (presently a member of the National Academy of Sciences and a faculty member at the University of Wisconsin) co-chaired the first annual meeting of

*(Continued on page 9)*

## Student News and Notes

We received positive feedback on the three major student events from the 2010 US-IALE annual meeting in Athens, GA. The student social, student - mentor breakfast, and professional development workshop were each a big success, and we look forward to continuing these student activities at next year’s conference. There were over 50 participants in the student – mentor breakfast, which is similar to previous years. Turnout for the student workshop and social was lower than previous years (10 and 30 respectively), but those who attended found them valuable experiences.

At the **student-mentor breakfast**, the students (members only) were matched based on their future career goals with mentors in academia, government, or a non-profit agency. We received generally positive feedback from student participants. For example, one student mentioned, *“I enjoyed discussion at the student-mentor breakfast on the pros and cons of working in academia.”* Suggestions for next year included scheduling the meeting as a lunch to better accommodate those with jet lag.

In the **professional development workshop**, titled *“Building Successful Collaborations,”* Drs. Jack Liu, Geoffrey Henebry, and J Vaun McArthur each presented their insights on fostering successful collaboration and then led a general discussion on topics of interest to students and young professionals. The topics included special

challenges to interagency collaboration, approaching potential collaborators, timing and approach to identifying authorship order, working with unorganized or absentee project leaders, and obtaining timely feedback from collaborators. Participant feedback included, “I enjoyed it... it was good to hear experience and suggestions from more experienced scientists,” and *“The three speakers provided excellent insights.”* Participants also commented that they appreciated the free flowing question and discussion. Slide shows and handouts from the workshop will be placed on the student section of the members-only portion of the US-IALE website.

For the **student social**, we visited the Chateau Elan, where we were treated to “The Taste of Athens” which included a huge spread of traditional southern food: collard greens, cornbread, fried green tomatoes, hushpuppies, catfish, and cobbler for desert. An entertaining tour through the winery taught us that *SOIL gives wine its flavor*, most wineries now use oak chips in enormous stainless steel vats rather than barrels to achieve an oak finish, and that red wine results from leaving the skin of the grapes in with the wine. Many of us tasted several types of wine – from the drier Stella 211, a sweet peach wine, to a port served from the same style of bottles used on ships, designed with wide flat bottoms to slide across the table rather than

*(Continued on page 16)*



Tabitha Graves,  
Student Representative



Jessica Price, newly elected  
Student Representative

## US-IALE on Facebook



*Consider joining us on Facebook for connecting with like-minded people and sharing general information.*

*See you on Facebook!!*



*Student Social attendees learning the nuances of wine making and tasting.*

## 25th Anniversary Symposium (Continued)



(Continued from page 1)

Provost Jere Morehead welcomed the returning US-IALE as they celebrate twenty-five years of service.

respectives of accomplishment and challenge during each USIALE presidential term of service. Symposium V, “Editors’ Symposium, *Landscape Ecology, A History of Branching Tree or a Converging Stream?*,” was presented by Jianguo (Jingle) Wu, current editor of *Landscape Ecology*. A forthcoming book, edited by Gary W. Barrett, Jianguo Wu, and Terry L. Barrett, chronicling the iteration of landscape ecology through terms of USIALE presidents, and editors of the journal *Landscape Ecology*, is in process. Additional symposia were organized that encompassed topics such as landscape ecology of wildfires; complexity of acoustical pattern in landscapes; pathogens in heterogeneous landscapes; land-surface phenology; and graph, network, and circuit models in landscape ecology. Herman H (Hank) Shugart, University of Virginia, presented the 2010 US-IALE Twenty-fifth Anniversary Awards Dinner Address, “Landscape Ecology and Global Change” describing the impact of biotic and abiotic factors in boreal-forest dynamics.



Richard Forman and Monica Turner during the first plenary

(SRS) and Savannah River

Half-day field trips including the historic Madison Walking Tour and the State Botanical Garden of Georgia sampled culture and ecology of southeastern landscape. Day trips included: Coweeta Long-Term Ecological Research (LTER) site; Georgia Aquarium & World of Coca-Cola, Inside CNN Atlanta Studio Tour; Organic farms (Carl Jordan’s Full Moon Farm, Woodland Gardens, and Roots Farm, each with distinct agendas), Odum watershed and log house — Spring Hollow, and regional *Boutier* Winery; and Savannah River Site Ecology Laboratory (SREL) organized by Rebecca Sharitz, Professor and Senior Research Scientist, SREL.



Simon Levin, and Carol Brewer each delivering plenary addresses

Sponsors for the 2010 USIALE Twenty-fifth Anniversary Symposium are gratefully acknowledged as: **Global \$5,000+** NASA MSU Professional Enhancement Awards Program, NSF CHANS International Network of Research on Coupled Human and Natural Systems (CHANS-Net), Terry L and Gary W Barrett, USDA Managed Ecosystems Programs; **Continental \$2,000+** ERDAS Earth Resource Data Analysis System Incorporated, ESRI Environmental Systems Research Institute Incorporated, Jianguo Liu and Family; **Regional \$1,000+** USGS Rocky Mountain Geographic Science

(Continued on page 5)



During the Opening Plenary Session, each president and editor was presented with an award of appreciation engraved in Georgia Topaz Blue Quarry granite contributed by Terry L and Gary W Barrett. Pictured from left to right, Gary Barrett presenting the award to Jianguo (Jingle) Wu as *Landscape Ecology* Journal Editor, Jianguo (Jack) Liu as US-IALE President and Mrs Frank Golley receiving the award for the late Frank Golley who served as editor of *Landscape Ecology* from 1987 to 1996.

# 25th Anniversary Symposium (Continued)



Field trip to Spring Hollow Log House

(Continued from page 4)

Center; **Community \$500+** EPA United States Environmental Protection Agency, Penn State University, Salford Systems, Springer Science and Business Media, United States Forest Service; **Individual \$250** University of Minnesota College of Design; and H. Ronald Pulliam, for a personal contribution to the “UGA Alumni After Dinner Hour” reception for members of USIALE.

We would like to thank the USIALE Board of Directors, and especially Lisa Schulte-Moore, for their invitation to serve as hosts and program chairs for the twenty-fifth anniversary symposium. A special edition “Is What Humans Do Natural?” of *Landscape Ecology* is being submitted for review. We appreciate all correspondence regarding the symposium whether lending advice or providing encouragement . Thank you for sharing this occasion with Athens.

**Terry L Barrett and Gary W Barrett**  
2010 US-IALE Program Hosts and co-Chairs

*First Page*



Hank Shugart, the 2009 recipient of the Distinguished Landscape Ecologist Award delivered the keynote address at the Awards banquet



A distinguished table at the Awards Banquet (left to right) - Robert French, Hank Shugart, Monica Turner, Wes Jackson, John Wiens, Jingle Wu, Gary Barrett and Terry Barrett



Students participating in the festivities at the Awards Banquet



The food was plentiful, delicious and most meals were included in the registration fee.



John Wiens sharing his most memorable experience of the last year at the NAS.A-MSU Dinner



Terry and Gary Barrett, Program Hosts and co-Chairs for the Twenty-fifth Anniversary Symposium

## Past President's Address



*Jack Liu, US-IALE  
President  
2008-2010*

Hatfield's dedication and ability to revise bylaws, record meeting minutes, update documents, and redesign and edit the newsletters is second to none. Lisa Schulte-Moore (Treasurer) provided excellent stewardship of US-IALE finances. Even though the world is in the midst of financial crises and the Board decided to substantially reduce registration fees for US-IALE's annual meetings in the past two years, US-IALE's financial asset has increased due to generous donations and other types of support from various institutions and individuals. Matt Baker (Councilor-at-large and Chair of the Meeting Site Selection Committee) had diplomatic skills in coordinating relevant parties for annual meetings and in selecting the right hosts and program chairs for 2011–2013 meetings. Janet Silbernagel (Councilor-at-large) took the lead in getting insurance for annual meeting participants. Sarah Gergel (Councilor-at-large) generated teaching resources for the US-IALE web site. Dean Urban (President-elect) and Michael Wimberly (Councilor-at-large) provided insightful input. The student representatives (Martin Simard, Namrata Shrestha, and Tabitha Graves) organized excellent workshops, student socials, mentor lunch/breakfast, and web materials for students.

Much of US-IALE's work was completed by chairs and members of various committees. Rebecca Kennedy (Web coordinator) and webmasters Matt Gregory and Matt Viehdorfer developed attractive and informative web sites for US-IALE and annual meetings. Under the leadership of Falk Huettmann, the Membership Committee designed new flyers to publicize US-IALE and attract new members and has been working together with the web team to transform the management of membership information and provide better membership services. Awards Committee (Anita Morzillo, chair) did a fabulous job of taking on more responsibilities in selecting student travel awardees in addition to selecting winners of other awards. The Foreign Scholar Travel Awards Committee (Sam Riffell, chair until 2009, and Deahn DonnerWright, chair 2009–present) worked hard in selecting foreign scholars to attend US-IALE meetings and in generating funds through book auctions to support this worthy program. The Nominating Committee (Nancy McIntire, chair until 2010, and Chris Lepczyk, new chair) worked diligently in identifying excellent candidates for vari-

ous positions and managed the election process. During the past two years, three new committees were established: Past Officers Advisory Committee (Peter August, chair) shared invaluable experience and institutional memory with sitting officers, Sponsorship Committee (Bob Keane, chair) contacted possible sponsors and established a database of potential sponsors for the annual US-IALE conferences, and Exploratory Task Force on Public Policy (Joan Nassauer, chair) is going to determine if and how US-IALE should establish a Public Policy Committee that would promote the use of landscape ecology by policy makers.

I was fortunate to work with outstanding board members and committees. Secretary Colleen

ous positions and managed the election process. During the past two years, three new committees were established: Past Officers Advisory Committee (Peter August, chair) shared invaluable experience and institutional memory with sitting officers, Sponsorship Committee (Bob Keane, chair) contacted possible sponsors and established a database of potential sponsors for the annual US-IALE conferences, and Exploratory Task Force on Public Policy (Joan Nassauer, chair) is going to determine if and how US-IALE should establish a Public Policy Committee that would promote the use of landscape ecology by policy makers.

As someone who hosted an annual meeting of US-IALE in the past, I particularly appreciate the time and effort of the 2009 and 2010 meeting hosts and program chairs (Tom Edwards and John Bissonette in 2009 and Gary and Terry Barrett in 2010) as well as many others (e.g., meeting planners Cindy Delaney for 2009 and Holly Blanchard for 2010). I am very grateful to the sponsors and supporters of US-IALE and its annual meetings. In the past two years, the NASA-MSU Professional Enhancement Awards Program, with continued support of NASA and Michigan State University (MSU), added 41 more NASA-MSU alumni. USGS and Utah State University (through Tom Edwards and John Bissonette) supported 10 students to attend the 2009 meeting. The National Science Foundation (NSF), through the International Network of Research on Coupled Human and Natural Systems (CHANS-Net), supported 24 CHANS Fellows to attend the US-IALE meetings in 2009 and 2010. Tom Baerwald, NSF's senior science advisor, gave a plenary address at the 2009 US-IALE meeting and presented the CHANS Fellowship awards. A grant from the National Institute of Food and Agriculture (NIFA) of USDA supported not only 10 students through the USDA-NIFA Professional Enhancement Awards Program, but also travel expenses and hotel accommodations for five plenary speakers (Carol Brewer, Simon Levin, Hank Shugart, Joseph Tainter, and Monica Turner) at the 2010 meeting for the 25<sup>th</sup> anniversary. Dr. Mike Bowers, program manager at USDA, participated in the 2010 meeting and presented the USDA-NIFA awards. I also thank those invited guests who were at the NASA-MSU dinners and Simon Levin (advisor to CHANS-Net) who was at a lunch with CHANS Fellows to interact with the awardees.

Thanks also go to all other members and supporters, including many staff and students at the Center for Systems Integration and Sustainability at MSU. Due to space limitation, it is impossible to mention everyone who has contributed to US-IALE, and the people noted above certainly have done more than what is mentioned.

Internationally, US-IALE supported the first landscape ecology meeting in South America, which was held in Brazil last fall, thanks to Bob Gardner's coordination efforts. US-IALE has also decided to set aside more funds for the Foreign Scholar Travel Awards program. A number of US-

[First Page](#)

[\(Continued on page 14\)](#)

## US-IALE 2010 Awards Update

Big congratulations to the following 2010 Award winners, announced at the annual banquet held on April 7<sup>th</sup> in Athens.

### Outstanding Paper in Landscape Ecology (2009)

The committee reviews nominations for papers published during the past two years that make an outstanding contribution to the literature of the field of landscape ecology. This year we selected **Smith, A.C., N. Koper, C.M. Francis, and L. Fahrig's** "Confronting collinearity: comparing methods for disentangling the effects of habitat loss and fragmentation," a 2009 paper in *Landscape Ecology* (24:1271-1285). Adam C. Smith accepted the award on behalf of the authors.

### The recipient of the award for Best Student Presentation Awards for 2009 was:

**Alisa Wade**, Colorado State University  
*Urban encroachment on the US protected area network* (oral presentation)

### Two students received Best Student Presentation Honorable Mention awards in 2009:

**Niko Balkenhol**, University of Idaho  
*Hierarchical, multi-scale analysis of landscape-genetic relationships in Idaho cougars* (oral presentation)

**Jennifer Litteral**, Arizona State University  
*Effects of urbanization on avian species diversity in the Phoenix metropolitan area: patterns in vegetation fragments* (oral presentation)

### 2010 Award for Best Student Presentation

This year we updated this award to include a \$300 cash award, a waiver of one future meeting registration fee, and one complimentary attendance on a fieldtrip or at a workshop of the awardee's choice at a future annual meeting. Waiver of registration and fieldtrip or workshop fees may be applied to one of the next two subsequent US-IALE annual meetings.

At the 2010 US-IALE annual meeting in Athens, 18 students registered to have their presentations considered for the award for best student presentation. These presentations were evaluated by a total of 20 judges. The Awards committee is pleased to announce the winner, who will be acknowledged at the banquet at the 2011 annual meeting in Portland:

**Kathleen J. Vigness-Raposa**, University of Rhode Island  
*Habitat of humpback whales (Megaptera no-*

*vacangliae*) in the North Atlantic Ocean (oral presentation)

Many thanks to all the student participants and especially to the judges who are an essential component of the student award program: Amélie Davis, Kristen de Beurs, Ashton Drew, Sarah Goslee, Eric Gustafson, Colleen Hatfield, Jeff Hollister, Falk Huettmann, Yetta Jager, Josh Lawler, Qingmin Meng, Emily Minor, Roy Plotnick, Robert Scheller, Lisa Schulte-Moore, Janet Silbernagel, Mirela Tulbure, Steven Walters, Eric White, and Yolanda Wiersma.

### Distinguished Service Award

The Distinguished Service Award recognizes individuals who have contributed exceptionally to US-IALE. Exceptional service represents a contribution to US-IALE in terms of time, energy and dedication that advanced the mission of US-IALE in an extraordinary manner and thus deserves special recognition. This year's recipient is **Monica G. Turner, Eugene P. Odum Professor of Ecology at the University of Wisconsin**. Monica has been an active member of US-IALE since its inception 25 years ago, and her intellectual efforts have greatly shaped the direction of the landscape ecology discipline.

### Distinguished Landscape Practitioner Award

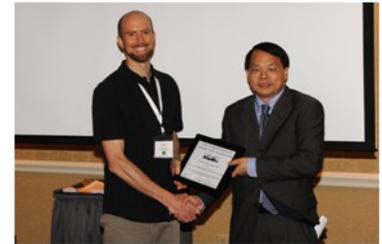
The Distinguished Landscape Practitioner Award recognizes outstanding applications of the principles of landscape ecology to real-world problems, and is based on nominations received from the US-IALE membership. This year's recipient is **Wes H. Jackson, Director of The Land Institute near Salina, Kansas**. Wes is recognized within the US and internationally for his outstanding visionary approach to agricultural research and agrarianism during the past 40 years, and his achievements and research related to sustainable agriculture in the Midwest and Great Plains.

### Distinguished Landscape Ecologist

The Distinguished Landscape Ecologist Award recognizes individuals whose long-term scientific contribution has helped to define the field of landscape ecology, and is based on nominations received from the US-IALE membership. This year we are honored to present this award to two individuals who stand out as having made major contributions to the science and practice of landscape ecology, but in very different ways.

[First Page](#)

[\(Continued on page 8\)](#)



*Adam Smith accepting the award from Jack Liu for the 2009 Outstanding*



*Monica Turner receives the Distinguished Service Award from Jack Liu.*

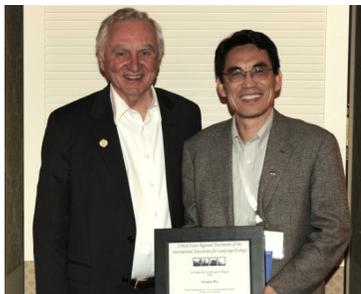


*Wes H. Jackson, Director of The Land Institute accepting the Distinguished Landscape Practitioner award from Jack Liu and Anita Morzillo, chair of the Awards Committee*

[First Page](#)

## *US-IALE 2010 Awards Update (Continued)*

*(Continued from page 7)*



*Jianguo (Jingle) Wu received the Distinguished Landscape Ecologist Award. Pictured with his mentor, Gary Barrett.*

**Joan Iverson Nassauer, Professor of Landscape Architecture at the University of Michigan**, is internationally renowned for her research focusing on aesthetic human preferences in landscapes and environmental health, and linking landscape science and practice. **Jianguo (Jingle) Wu, the Dean's Distinguished Professor of Sustainability at Arizona State University**, has made exceptional contributions to landscape ecology in the areas of pattern analysis and scaling, urban ecology, and integrating landscape ecology and sustainability science. Both recipients have been and continue to be active members of US-IALE.

### **Student Travel Awards**

Ten students were selected to receive \$500 for travel to the US-IALE conference and one year membership to US-IALE. These awards were made available by the National Institute of Food and Agriculture of the US Department of Agriculture.

Please be sure to send in your nominations for society awards when we issue the call for nominations later this year. And, please consider serving as a judge for the student award program at the annual conference in Portland next year. Thanks!

---The 2010 US-IALE Awards Committee

**Pete August, Jeff Hollister, Todd Lookingbill, Steven Walters, & Anita Morzillo (Chair)**



*Joan Nassauer, recipient of the Distinguished Landscape Ecologist Award.*

### **2010 Student Travel Awardees**

Name	Institution
Xiaodong Chen	Michigan State University
Jane Foster	University of Wisconsin
Jolie Goldenetz-Dollar	Mississippi State University
Tabitha Graves	Northern Arizona University
Sarah Haas	University of North Carolina-Charlotte
Tracy Pinney	Baylor University
Andrew Rayburn	Utah State University
Clifford Shierk	University of Illinois-Chicago
Marcela Suarez-Rubio	University of Maryland
Anne Trainor	University of North Carolina-Chapel Hill

*First Page*



*2010 Student Travel Awardees with Jack Liu (right) and Mike Bowers (left) from NIFA*



*Felipe Rossetti receiving the Foreign Scholar Travel Award from Deahn Donner and Jack Liu*



*Md Lutfor Rahman, recipient of the 2009 Foreign Scholar Travel Award with Deahn Donner, Award Committee Chair*

## *Foreign Scholar Travel Award*

The 2010 recipients of the USIALE Foreign Scholar Travel Award (FSTA) were **Felipe Rossetti from Brazil, and Md Lutfor Rahman from Bangladesh**. Rossetti’s presentation focused on the influence of forest cover structure at different spatial scales in stream fish communities in catchments of the Corumbatai River Basin, San Paulo State, Brazil. Rahman’s presentation focused on how landscape factors shape plant and bird communities in newly created grassland on restored landfill sites.

There was a concerted effort to substantially increase revenue for the Foreign Scholar Travel Awards (FSTA) by increasing proceeds received from the Silent Book Auction. The FSTA Committee along with the generous efforts of Gary Barrett, who solicited book contributions from 25 publishers, received many book donations from individuals attending the symposium. FSTA would especially like to thank Lois Iverson for his continued donations every year. Publishers’ books and softwares were on exhibit for three days during which time meeting participants could enter silent bids. All proceeds from the Silent Book

Auction go toward the 2011 Foreign Scholar Travel Awards. Contributors for the Silent Auction included:

- The University of California Press
- Island Press
- John Hopkins University Press
- Sinauer Associates Incorporated
- Springer Publishing
- Gary W. Barrett
- ESRI (2 ArcGIS 9.3.1 licenses)
- Clark Labs (ISRISI Taiga and Land Change Modeler software)

The Silent Book auction was considered a success thanks to meeting participants, book contributors, Gary Barrett and members of the FSTA Committee. The final amount generated from the auction was \$1,905.

**Gary and Terry Barrett  
Deahn Donner  
Committee Chair**

*[First Page](#)*

## *A Historical Perspective (Continued)*

*(Continued from page 2)*

US-IALE in the Institute of Ecology. The Institute of Ecology is now the Eugene P. Odum School of Ecology — the first stand-alone School of Ecology in the nation.

Faculty and graduate students within the Odum School of Ecology have distinguished roles in the founding and professional growth of this major, professional organization. Following the first annual US-IALE symposium, UGA faculty have continued to support landscape ecology with contributions in administration, research, and concept during the past twenty-five years. For example, Gary W. Barrett, Monica G. Turner, and Jianguo Liu have served as president of US-IALE; Frank B. Golley (1990,1991), Monica G.

Turner (1998), Gary W. Barrett (2001), and H. Ronald Pulliam (2005) have been recipients of the prestigious Distinguished Landscape Ecologist award; Frank B. Golley was founding editor of the journal, *Landscape Ecology* and served from 1987-1996; and Frank B. Golley and Eugene P. Odum received the US-IALE Outstanding Service award in 1998.

**Terry L Barrett  
Gary W Barrett  
2010 US-IALE  
Program Hosts and co-Chairs**

*[First Page](#)*

**“Faculty and graduate students within the Odum School of Ecology have distinguished roles in the founding and professional growth of this major, professional organization.”**

## *CHANS Fellows of Class 2010 at the US-IALE Meeting*

With support from the U.S. National Science Foundation, the International Network of Research on Coupled Human and Natural Systems (CHANS-Net, [www.chans-net.org](http://www.chans-net.org)) supported the attendance of 10 CHANS Fellows at the 2010 US-IALE meeting. In addition to presenting their own research, the Fellows enjoyed numerous opportunities of interacting informally with the meeting attendees, learning about the latest developments in landscape ecology and CHANS research, and building professional networks with other attendees (including a dinner gathering with NASA-MSU awardees, USDA-NIFA awardees, and invited guests; and a lunch meeting with Simon Levin, a plenary speaker at the 2010 US-IALE meeting and an advisor to CHANS-Net). The 2010 CHANS Fellows are:

Name	Institution
Allan, Brian	Washington University
Dribin, Andrew	University of Illinois - Chicago
Kennedy, Rebecca	USDA Forest Service
Meng, Qingmin	University of North Carolina -Charlotte
Peng, Jian	Peking University, China
Qureshi, Salman	University of Karachi, Pakistan
Santos, Maria	University of California, Davis
TaunMu, Mao-Ning	Michigan State University
Van Appledorn, Molly	University of Maryland - Baltimore
White, Eric	Oregon State University



*2010 CHANS Fellows being recognized at the Awards Banquet*

[\*First Page\*](#)



*Monica Turner and John Wiens receiving the NASA-MSU Outstanding Mentor Awards*

## *NASA-MSU Outstanding Mentor Awards*

Since the beginning of the NASA-MSU program in 1998, numerous established and active scientists have played important roles in mentoring the NASA-MSU awardees during and beyond the annual NASA-MSU dinners. As US-IALE celebrated its 25<sup>th</sup> anniversary, it was most fitting to recognize some of those senior landscape ecologists who made extraordinary contributions to the NASA-MSU program. Those individuals have attended many NASA-MSU dinners and have helped NASA-MSU awardees in many other ways. Below are the four recipients of the inaugural NASA-MSU Outstanding Mentor Awards and examples of their special contributions.

**Peter V. August** (University of Rhode Island): He did an outstanding job in co-

hosting a NASA-MSU dinner.

**Richard T. T. Forman** (Harvard University): He was always ready to talk to students who approached him and looked for students to talk with.

**Monica G. Turner** (University of Wisconsin at Madison): She made considerable efforts in accommodating the NASA-MSU program when hosting the US-IALE meeting in Wisconsin.

**John A. Wiens** (PRBO Conservation Science): He was responsible for encouraging the NASA-MSU program to continue after the first year. He also worked with two former awardees in organizing a symposium and editing a book.

[\*First Page\*](#)

## NASA-MSU Professional Enhancement Awards

The NASA-MSU Professional Enhancement Awards are made possible by the support from the National Aeronautics and Space Administration and Michigan State University. This was the 13th consecutive year of the program, which to date has supported approximately 270 students. Twenty students were selected to receive awards this year:

Name	Institution
Miguel Acevedo	University of Florida
Emily Cohen	University of Southern Mississippi
Bradley Cosentino	University of Illinois
Betsy Kreakie	University of Texas
Pinki Mondal	University of Florida
Ganapathy Narayanaraj	South Dakota State University
Todd Ontl	Iowa State University
Paula Prist	University of Sao Paulo
Heidi Puckett	Mississippi State University
Diana Raper	Oregon State University
Jessica Salo	Colorado State University
Kunwar Singh	University of North Carolina-Charlotte
Vincent Smith	University of Wisconsin
Louis Villanueva-Rivera	Purdue University
Sarah Wandersee	San Diego State University
Lisa Wedding	University of Hawaii
Mark Williams	University of Wyoming
Megan Woltz	Michigan State University
Wu Yang	Michigan State University
Sara Zeigler	University of Maryland

The 2010 NASA-MSU Awards Committee—Jianguo (Jack) Liu (Chair), Anita Morzillo (Co-Chair), Garik Gutman (NASA), Sherrie Lenneman (MSU), Sue Faivor (MSU), and Shuxin Li (MSU).

*First Page*

2010 NASA-MSU Awardees with Jack Liu (far right)



## ***NOTE FROM EDITOR-IN-CHIEF OF LANDSCAPE ECOLOGY***

### ***Two new and highlighted article types for the journal***

The journal of *Landscape Ecology* now has two new and highlighted article types: *Landscape Ecology in Review* (LER) and *Landscape Ecology in Practice* (LEP). The journal welcomes manuscript submissions for these two categories!

LER articles are reviews of key concepts, theories, and methods in landscape ecology. These reviews may focus on the development and the state-of-the-art of one to a few related important concepts and theories or the use and misuse of statistical and modeling methods. Depending on the content of the subject, the reviews can be relatively short (mini-reviews of several printed pages) or longer (fully developed reviews of up to 15 printed pages). Manuscripts of LER should be submitted online under the Article Type of *Landscape Ecology in Review*. No prior permission from the Editor-in-Chief is necessary.

LEP articles seek to promote the application of landscape ecological knowledge in practice, and should clearly demonstrate how specific concepts, theories, and principles of landscape ecology are applied in a place-based study. Research questions can be derived either from existing theories or practical needs. Topics on policy making, planning, and adaptive management are all welcome.

More details on LER and LEP can be found in the Guide to Authors at the journal's web site:

<http://www.springer.com/life+sciences/ecology/journal/10980>.

### ***Free Access to EndNote File of All Papers Published in Landscape Ecology***

A complete list of all papers published in *Landscape Ecology* since 1987 to the latest issue of the journal can be downloaded at <http://LEML.asu.edu/LE-journal/> in two formats: EndNote and Word (RTF). The web site is updated periodically.

**Jianguo (Jingle) Wu, Editor-in-Chief, Landscape Ecology**

School of Life Sciences & Global Institute of Sustainability

Arizona State University, P.O. Box 874501, Tempe, AZ 85287-4501

*First Page*

## ***Benefits of Membership***

If you are reading this, you are most likely a member of US IALE. We (the Executive Board) would like to encourage you to promote the organization and its resources to your colleagues, friends and students. Some of the things we have accomplished recently:

- Revamped our web page
- Expanded our Membership interface
- Expanded and updated our Students Section
- Added Teaching Resources to the web page
- Updated and expanded the Newsletter
- Find us on Facebook

- Established a photo archive

Our meetings continue to expand and offer state-of-the-science access for meeting participants. We continue our commitment to enhance student resources. This is a great organization, consider getting involved. Please contact one of the members of the Executive Board for more information.

Joining is easy. Check us out at:

**[US-IALE Membership Information](#)**

*First Page*

**An organization is as strong as its membership. Consider getting involved.**

## Welcome New Executive Committee Members

The following candidates were elected to positions on the US-IALE Executive Committee on 7 April 2010:

- Treasurer:  
Rob Scheller
- Councillors-at-Large:  
Janet Franklin  
Ed Laurent
- Student Representative:  
Jessica Price

This was the third year for online voting. Online voting began on March 16 and concluded the day before the banquet (Apr. 6). Election results were announced at the banquet (Apr. 7).

Online turnout was again low (<30 people voted). Although members were notified twice via the USIALE-L listserv and once via an email sent directly to the members, some members mentioned that they never received any notice of the elections. Part of this problem may stem from apparent glitches in membership renewal, whereby some people (me included!) thought they had renewed when in fact they had not. This is an issue that currently being addressed. Possible other solutions to low turnout: (1) urge

people to join the listserv; (2) have a large notice on the US-IALE webpage with a link to the polls (something that was not done this election); (3) make voting to where one does not need a username/password (although this creates the possibility of non-members voting).

Many thanks to the Nominating Committee (Sam Riffell, Lisa Schulte, Janet Silbernagel, and Pat Zollner), the Student Reps (Namrata Shrestha and Tabitha Graves), online voting webmaster Matt Viehdorfer, and to all of the nominees for agreeing to run.

I am stepping down as committee chair, after serving as chair for 7 years; Chris Lepczyk will be the new chair. The 2011 election will be for 1 Chair-elect, 1 Councillor-at-Large, 1 Secretary, and 1 Student Representative. Other than the Chair, which is a 3-year term (1 year as Chair-elect, 2 as Chair), the other positions are 2-year ones. Many thanks to everyone for giving me this opportunity to serve US-IALE.

**Nancy McIntyre, Committee Chair (outgoing)**

[First Page](#)



*Rob Scheller, Portland State University, Incoming Treasurer*



*Janet Franklin, Arizona State University, Incoming Councillor-at-Large and new member on the Site Selection Committee*



*Dean Urban (left), Duke University, transitions to Acting President taking gavel from outgoing President, Jack Liu*



*Jessica Price, PhD student, University of Wisconsin at Madison, Incoming Student Representative*



*Ed Laurent, American Bird Conservancy, Incoming Councillor-at-Large*



*Chris Lepczyk, University of Hawaii at Manoa, Incoming Nominating Committee Chair*

## *Past Presidents Address (Continued)*

*(Continued from page 6)*

IALE members and officials have been invited to serve on the Scientific Committee for next year's World Congress of Landscape Ecology in Beijing.

It is encouraging that the landscape ecology community is more embraced with explicitly linking landscapes and humans and treating landscapes as coupled human and natural systems, as illustrated by the themes of the 2009 and 2010 meetings and recent publications. It is crucial to further integrate landscape ecology with social sciences and policy when addressing societal challenges such as climate change, land-use change, water shortage, degradation of ecosystem services, human well-being, and biodiversity loss.

I am delighted that a new generation of energetic and promising landscape ecologists has emerged. For instance, the hosts and program chair for the 2011 meeting of US-IALE are all former NASA-MSU awardees (Rebecca Kennedy, Anita Mozillo, and Rob Scheller). An upcoming book on species distribution and habitat modeling (to be published by Springer) is edited by NASA-MSU alumni Yolanda Wiersma, Falk Huettmann, and Ashton Drew, and 10 of the 13 chapters have a former NASA-MSU awardee as the lead author. As stated in my Foreword for this book, with these and other promising movers and shakers, landscape ecology will continue to develop rapidly and play an increasing role in addressing important scientific and societal challenges around the world.

As we move forward, please join me in congratulating and welcoming new board members Janet Franklin, Ed Laurent, and Rob Scheller and student representative Jessica Price. I am glad that US-IALE continues to be in good hands under the new leadership of Dean Urban. Let's offer what the new team might need to further advance US-IALE and landscape ecology.

**Jack Liu**

**US-IALE President 2008-2010**

*First Page*



*Some of the participants at the US-IALE Past Presidents Honor Banquet (left to right): Monica Turner, Paul Opdam, Eric Gustafson, Richard Forman, Louis Iverson, Keith Kline, Jack Abern, and Virginia Dale)*

## *Our immeasurable gratitude to those who have given their time and talents*

US-IALE is by in large run by a dedicated group of volunteers who not only have a passion for the field of landscape ecology but also recognize the importance of the organization and the potential contribution it can make to the field. The tireless and unselfish commitment of time and talent contributed by volunteers is directly reflected in the activities, symposia and student involvement reported throughout this newsletter.

We would like to take this opportunity to recognize and express our appreciation to those who have each made significant contributions to the success of the organization and are passing the hat on to others who have stepped up and agreed to serve.

IALE has been extremely fortunate to have a continuing pool of members who are willing to volunteer their time. Please consider becoming actively involved in the organization—the pay-back is the ability to directly see the benefits of your efforts and the continuing success of the organization.



*Dean Urban presenting Certificate of Appreciation to Jack Liu, Outgoing US-IALE President (2008-2010)*

First Page



*Nancy McIntyre, outgoing Chair of the Nominating Committee after serving as Chair for 7 years!*



*Jack Liu presenting Certificate of Appreciation to Matt Baker, Outgoing Councillor-at-Large and Chair of the Site Selection Committee (2008-2010)*



*Namrata Shrestha, Outgoing Student Representative (2008-2010)*



*Jack Liu presenting Certificate of Appreciation to Lisa Schulte-Moore, Outgoing US-IALE Treasurer (2008-2010)*



*Outgoing Councillor-at-Large, Sarah Gergel (2008-2010)*



## USIALE 2011 - Portland, Oregon 3-7 April 2011

Greetings from the Pacific Northwest! Portland offers many amenities that will provide an excellent meeting experience. The city and surrounding region are recognized as models for sustainability and progressive land use planning. Regionally, there are many scenic landscapes including the Columbia River Gorge, Pacific Coast, Willamette Valley, and Cascade Mountains, each containing diverse ecosystem types. Our conference program will highlight regional strengths including locally grown food and landscape sustainability. The conference venue is in the heart of downtown, is Green Seal certified, and can be reached from the airport by light rail. More information will be available on the USIALE website as planning continues.

Local Hosts: Robert Scheller (Portland State University)  
Anita Morzillo (Oregon State University)  
Program Chair: Rebecca Kennedy (USDA Forest Service)



*Jack Liu with local brew from Portland, Oregon. Presented by the 2011 Program Host, Rebecca Kennedy*

*First Page*

## Student News (Continued)

*(Continued from page 3)*

tipping over. Finally, the Modern Skirts, a young group of musicians that are favored locally and recognized internationally, most recently opening with R.E.M. in Amsterdam, rocked out while many of us danced along to their driving bass and guitar.

This year we tested a few approaches to getting feedback on posters and presentations by students and young professionals. People enjoyed the opportunity to learn from their experience without being formally judged for best presentation, and we will likely attempt to expand this opportunity at the next meeting.

**For the coming year**, our goals are to continue these invaluable student activities for our old and new student participants in addition to increasing US-IALE's website content for students. We will continue to populate the student section of the member's only portion of the website with past conference materials, structured information on student awards, discussion forums, and finding roommates at the conference. If you have any suggestions for additional material for the student section, we'd like to hear from you. Additionally, we have created a **US-IALE page at the social networking site, Facebook, to increase the organization's presence on the web and to promote group interaction.**

This year the electronic ballot system was used for the student representative election, which worked successfully in election of our **new student representative for 2010-11, Jessica Price (Welcome Jessica!)**. Jessica recently completed her M.S. degree in Conservation Biology and Sustainable Development and is currently a PhD student in Environment and Resources, both at Nelson Institute for Environmental

Studies at the University of Wisconsin at Madison. Jennifer is excited to help continue the tradition of wonderful professional development opportunities provided by US-IALE. Lastly, we would like to **thank outgoing student representative Namrata Shrestha** for her hard work and time over the last two years. She brought many ideas to the position and to the Executive Committee on behalf of students.

As in previous years, we heard from several students that they were impressed and pleased by the many travel awards available to attend the conference, the approachability of many top-level researchers, the large number of meals included with the price of registration, the reasonable hotel rates, the free internet, the Georgia Center, and the warmth and general atmosphere of the US-IALE meeting and the University of Georgia at Athens. Sounds like a lot of students are already looking forward to the 2011 US-IALE meeting in Portland, Oregon. We thank the conference hosts, program chair, and the Executive Committee for their assistance, support and planning efforts!

Please feel free to contact us with any questions or suggestions!

**Tabitha Graves,**  
Student Representative ([tabgra@yahoo.com](mailto:tabgra@yahoo.com))

**Namrata Shrestha,**  
Outgoing Student Representative

**Jessica Price,**  
New Student Representative ([jmprice2@wisc.edu](mailto:jmprice2@wisc.edu))

*First Page*

## *Current US IALE Officers*

### **Dean Urban**

***President, 2009-2010***

Nicholas School of the Environment  
Duke University  
Durham, NC  
919-613-8076  
[deanu@duke.edu](mailto:deanu@duke.edu)

### **Mike Wimberly**

***Councillor-at-Large, 2009-2011***

GISc Center of Excellence  
South Dakota State University  
Brookings, SD 57007  
(605) 688-5350  
[Michael.Wimberly@sdstate.edu](mailto:Michael.Wimberly@sdstate.edu)

Have a question for US-IALE? — contact any member of the Executive Committee

### **Colleen Hatfield**

***Secretary, 2009-2011***

Biological Sciences, Holt Hall  
California State University  
Chico, CA 95929 USA  
(530) 898-4235  
[chatfield@csuchico.edu](mailto:chatfield@csuchico.edu)

### **Janet Franklin**

***Councillor-at-Large, 2010-2012***

School of Geographical Sciences and Urban Planning & School of Life Sciences  
Arizona State University  
P.O. Box 875302  
Tempe, AZ 85287-5302  
(480) 965-9884  
[Janet.Franklin@asu.edu](mailto:Janet.Franklin@asu.edu)

### **Rob Scheller**

***Treasurer, 2010-12***

Environmental Science and Management  
Portland State University  
PO Box 751  
Portland OR, 97207  
[rmschell@pdx.edu](mailto:rmschell@pdx.edu)

### **Ed Laurent**

***Councillor-at-Large, 2010-2012***

American Bird Conservancy  
Science Coordinator  
240 N Highland Ave NE Unit 3525  
Atlanta, GA 30307  
(919) 889-9394  
[elaurent@abcbirds.org](mailto:elaurent@abcbirds.org)

### **Tabitha Graves**

***Student Representative, 2009-2011***

School of Forestry  
Northern Arizona University  
P.O. Box 15018  
Flagstaff, AZ, USA  
[tabgra@yahoo.com](mailto:tabgra@yahoo.com)  
(406) 396-4162

### **Jessica Price**

***Student Representative, 2010-2012***

Nelson Institute for Environmental Studies  
University of Wisconsin at Madison  
70 Science Hall  
550 North Park Street  
Madison, Wisconsin 53706  
(847)927-2754  
[jmprice@wisc.edu](mailto:jmprice@wisc.edu)



*Members of the Executive Board and Committees. From left to right: Janet Silbernagel, Deahn DonnerWright, Rob Scheller, Falk Huettmann, Rebecca Kennedy, Dean Urban, Mike Wimberly, Colleen Hatfield, Tabitha Graves, Jeff Hollister, Anita Morzillo and Jessica Price*

[\*First Page\*](#)

US-IALE's purpose is to

- foster landscape ecology in the United States
- provide a link among practitioners in landscape ecology within the United States as well as the international community
- promote interdisciplinary research and communication among scientists, planners, and other professionals concerned with landscape ecology

*Who Would Benefit from US-LALE Membership?*

<i>Landscape Architects</i>	<i>Ecologists</i>
<i>Land and Nature Managers</i>	<i>Conservation Biologists</i>
<i>Land Use Planners</i>	<i>Biogeographers</i>
<i>GIS Specialists</i>	<i>Spatial Statisticians</i>
<i>Wildlife Biologists</i>	<i>Ecosystem Modelers</i>



[US IALE on the Web](#)



[IALE on the Web](#)