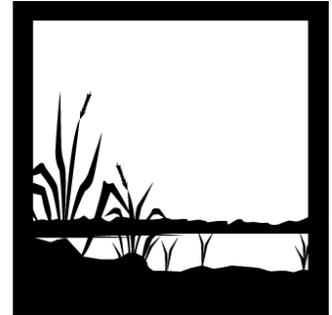


# US-IALE Newsletter

Issue 19/1, January 2004



**U.S. Regional Association of the International Association of Landscape Ecology**

Compiled by Bob Keane US-IALE Secretary

## Notes from the Chair *Eric Gustafson*

I am pleased to announce that George Hess has agreed to serve as the Program Chair for the 2005 US-IALE Symposium in Syracuse, NY. He joins local host Jim Palmer and a team from the SUNY College of Environmental Science and Forestry in organizing that meeting. They are working to select plenary topics and speakers, and based on the discussions I've seen, the meeting promises to be very stimulating! This meeting will mark the first time US-IALE has held a meeting in the Northeast. I'd like to thank both Jim and George for volunteering to fill this vital role in fulfilling the ongoing mission of US-IALE.

I trust that you are making plans to attend the 2004 Annual Symposium in Las Vegas, Nevada. This meeting will have all the characteristics that you have come to expect and appreciate in US-IALE meetings – not too big, mid-meeting field trips, stimulating presentations and attention to detail. I'd like to thank Nita Tallent-Halsell and Bruce Jones, who are organizing this meeting. I look forward to seeing you there!

In response to demand from our members, we will offer on-line membership renewal this year to those who wish to take advantage of the convenience of the Internet and credit card transactions. Providing this service has been no small undertaking. I'd like to thank Rebecca Kennedy, Matt Gregory, Janet Ohmann, Mary Santelmann and Nancy Castro for their prodigious efforts in research, logistics and programming to make this service a reality. You'll find details later in this newsletter.

Chair-elect Peter August has formed a committee to review our Strategic Plan. The current plan is over 5 years old. They are evaluating the relevance of the current plan, to ensure that it still provides useful guidance for the Executive Committee as we make decisions about the challenges and opportunities that face US-IALE. Peter will report on the recommendations of the committee at the general business meeting in Las Vegas.

I always welcome initiatives from our members. If you have an idea that will help US-IALE become more effective, I'd love to hear from you. You can contact me at [egustafson@fs.fed.us](mailto:egustafson@fs.fed.us). Together, we can make progress!

## **2004 US-IALE Meeting**

**Nita Tallent-Halsell**  
**Bruce Jones**

The 19<sup>th</sup> annual symposium of US-IALE will held on 31 March - 2 April 2004, in the Alexis Park Resort in Las Vegas, Nevada ([www.usiale.org/lasvegas2004/](http://www.usiale.org/lasvegas2004/)). We expect attendance by over 400 ecologists, landscape architects, geographers, planners and other professionals from around the globe. The program will include special sessions, contributed papers and posters sessions, short courses in ARC GIS ( 29- 30 March 2003) and National Hydrology Database (30 March 2003), a Landscape Modeling & Software Swap meet and Demonstration and field trips (Nevada Test Site - 30 March 2003; Lake Mead, Hoover Dam, Valley of Fire & Red Rock Conservation Area - 1 April 2003; Grand Canyon, Bryce Canyon, Zion National Park and Death Valley; 2 - 3 April 2003). Confirmed speakers include Jerry Franklin (University of Washington), Phil Pister (California Department of Fish and Game, Retired) and Larry Band (University of North Carolina).

The theme for the 19<sup>th</sup> Annual symposium of US-IALE is “Transdisciplinary Challenges in Landscape Ecology.” From its onset, landscape ecology has been defined by a wide range of scientific disciplines, including those in the general categories of the physical sciences, the ecological sciences, and more recently, the social sciences. In addition to providing a venue for a diverse set of scientific disciplines, landscape ecology has emphasized the importance of spatial pattern and scale. Solving current and future environmental issues requires transdisciplinary approaches that integrate the physical, ecological, and social sciences in space and time. The theme of this meeting was selected to provide a forum to consider the challenges and potential of applying transdisciplinary approaches to solve current and

future environmental issues. Activities for this meeting were selected to demonstrate and highlight research, methods, and tools that integrate multiple scientific disciplines needed to address today’s environmental problems. For additional information contact Nita Tallent-Halsell ([tallent-halsell.nita@epa.gov](mailto:tallent-halsell.nita@epa.gov); 702.798.2567) or Bruce Jones ([jones.bruce@epa.gov](mailto:jones.bruce@epa.gov); 702.798.2671).

## **Awards Changes**

**Patrick Zollner**

In its annual report, the Awards Committee proposed several changes to the Executive Committee and the following changes were approved. The first change was the establishment of a new award, the Distinguished Service Award. This award is intended to recognize individuals who have contributed exceptionally to US-IALE. Exceptional service represents a contribution to US-IALE in terms of time, energy and dedication that initiated, developed or otherwise promoted US-IALE in an unusual manner and thus deserves special recognition. Some examples of the sorts of activities that we envision meriting this award are; 1) service to IALE or the US chapter as evidenced by sustained contributions as an elected officer, committee chair/member, or annual meeting organizer; 2) service as a leader representing the landscape ecology perspective on government commission, panels, working groups (this might include, for instance, a member of congress, or a scientist); 3) service as an editor of a core landscape ecology journal. (e.g. *Landscape Ecology* or *Landscape and Urban Planning*); or 4) service as a mentor and educator of the next generation of landscape ecologists (including both formal advising activities and other activities that assist students).

The second change was to elevate the status of all of the awards by only offering them when there is a compelling candidate, not necessarily

each year. Starting this year the Awards Committee will review nominations of candidates for all three individual awards (Landscape Ecologist, Landscape Practitioner, and Service) annually, but will only present awards that have exceptionally deserving nominees. This change will decrease the frequency at which these awards are presented, but it should also increase the stature of the awards.

The third change was to provide \$500 to award recipients to cover travel expenses for them to come to the meeting to personally receive their award at the banquet.

Finally the awards committee would like to encourage all of you to submit nominations for this year's awards. Each year the awards committee sends out calls for nomination of candidates for each of the US-IALE awards and this year we have yet to receive any nominations for this year's Outstanding Paper in Landscape Ecology or any new nominations for the individual awards (Landscape Ecologist, Landscape Practitioner, and Service). (Applications submitted for last years meeting have been preserved and will be considered again this year.)

Please take the time to nominate a paper or an individual for one of these awards. The awards committee greatly appreciates the time you put into these nominations. Good nominations will contain more than simple assertions of a candidate's worthiness. See the web page (<http://www.usiale.org/awards.htm>) for more details on the awards and suggestions on what to include in nominating letters.

## **Web-Based Membership Payment**

***Mary Santelmann***

***Matt Gregory***

***Janet Ohmann***

The US-IALE Executive Committee has considered and discussed web-based membership renewal and dues payment by credit card as a means to increase membership and member satisfaction for several years. At the April, 2003 meeting in Banff, BC, the Executive Committee decided to forge ahead with offering online membership registration and payment via credit card as a new service to members. It was decided that the potential benefits outweighed the added costs (particularly startup costs) and would enhance the image of the society. It was also decided that costs of developing the online membership pages and setup would be borne by the society without raising membership fees at this time.

### **Overview of web-based membership**

Online membership services will be accessed through the US-IALE website homepage (<http://www.usiale.org/>). On the US-IALE website, the user links to a membership page, where they choose either: (1) download and print the membership form (PDF format) and pay conventionally (regular U.S. mail with payment by check or money order); or (2) join/renew online, which requires payment by credit card.

We considered the use of some commercially available options for credit card authorization and payment, but decided against them when initial tests revealed that members would have to sign up for individual accounts with these companies in order to register online, and would begin receiving unsolicited email after signing up for such accounts. Eventually we opted to set up a merchant account with US Bank, use

Authorize.Net as the credit card authorization service, and webmaster Matt Gregory programmed the code that integrates with services from Authorize.Net and US Bank. For a diagram of how this all fits together, you can go to the website for Authorize.Net, (<http://www.authorizenet.com/solutions/diagram.php>) which has a nice schematic. This should allow members to renew or join online with minimum difficulty. Matt has put in many hours of work to get the site working and to create a seamless (we hope) connection to the membership database maintained by membership secretary Nancy Castro.

There are minimum monthly costs for having a merchant account with U.S. Bank as well as transaction charges of 2-4% percent for each entity involved (U.S. Bank, Authorize.Net). In addition, there are charges incurred for the hosting of the IALE web site at Oregon State University College of Forestry Computer Resources Group, because we require a secure socket in order to protect member information. However, we believe that the charges and convenience are justified to provide a service that you our members have been requesting for some time. Please visit the Web site for instructions on how to use this new capability. We hope it meets your needs!

## Other US-IALE News

**Bob Keane**

***Email Voting Results*** -- The results of the general membership vote to **amend the US-IALE bylaws to allow email or electronic voting** was passed by an enormous margin: 103 FOR, 1 AGAINST, and 3 NO DECISIONS. The revised by-laws can be found in the Executive Committee handbook on the US-IALE Website (<http://www.usiale.org>)

***Latest on the NEON project*** - A House-Senate Conference Committee report, expected

to be adopted in the coming weeks, directs NSF to continue refining the NEON plan with funding from the Research and Related Activities account. NSF had sought \$6 M in that account to fund NEON activities. NSF also had sought \$12 M for implementation of NEON from the Major Research Equipment and Facilities Construction account, but the committee declined that request without prejudice, instead requesting further development of NEON in light of a recent report from the National Academy of Science, "Neon: Addressing the Nation's Environmental Challenges". The NAS report endorsed the NEON concept but suggested that certain aspects of the implementation plan need improvement. Further analysis of the NAS report is included in this month's Washington Watch column of BioScience, "Third Time a Charm for NSF's National Ecological Observatory Network" ([http://www.aibs.org/washington-watch/washington\\_watch\\_2003\\_12.html](http://www.aibs.org/washington-watch/washington_watch_2003_12.html)). Bruce Jones represented US-IALE on the NEON (National Ecological Observatory Network) Committee.

## Student News and Notes

**Jennifer Fraterrigo,  
C. Ashton Drew**

### Student Activities Planned for US-IALE 2004

The 2004 Annual Meeting will offer a variety of opportunities designed to inform, connect and entertain US-IALE student members. In addition to the oral and poster sessions where you will have the opportunity to share your research with the landscape ecology community, US-IALE will again host four student-oriented activities: the Lunch with a Mentor, the Landscape Ecology Career Forum, the Student Social, and the Student Feedback Program. These events are open to all current and recent students with an interest in landscape ecology.

Lunch with a Mentor (Friday, April 2) is a free, catered event that matches small groups of students with accomplished landscape ecology researchers for informal conversation.

Discussion topics at these lunches typically range from the students' research interests and career goals to highlights from the mentors' own personal and professional journeys. If you are a student and you are interested in attending Lunch with a Mentor, please (1) register for the meeting, (2) sign up to be a US-IALE student member if you haven't already, and (3) email the following information to Jennifer Fraterrigo ([jmfrater@iastate.edu](mailto:jmfrater@iastate.edu)): your name, email address, university, 4-6 keywords describing your interests, and two or three mentors with whom you would especially like to dine. We will do our best to accommodate your request. Landscape ecologist professionals who are interested in volunteering as mentors should also contact Jennifer.

At the Career Forum (Friday, April 2), a panel of landscape ecologists from diverse backgrounds and institutions will share their insights into career development strategies and professional opportunities. If you have suggestions for panel discussion topics, please contact Ashton Drew ([cadrew@unity.ncsu.edu](mailto:cadrew@unity.ncsu.edu)) by February 1, 2004.

The Student Social (Thursday, April 1) will be hosted at a local pub following the conference banquet. What better way to relax after a long day of presentations than to attend this popular and free event? Take advantage of this excellent opportunity to renew friendships and forge new professional partnerships with other up-and-coming landscape ecologists.

The Student Feedback Program will provide an opportunity for students to receive a formal evaluation of their oral presentation from members of the audience. Students who would like to receive feedback should check the box "Student Feedback Program" on their abstract submission form. Further questions about this program should be directed to Jennifer Fraterrigo ([jmfrater@iastate.edu](mailto:jmfrater@iastate.edu)).

### **Free Registration for Student Volunteers at US-IALE 2004**

If you are an undergraduate or graduate student, you may apply to [tallent-halsell.nita@epa.gov](mailto:tallent-halsell.nita@epa.gov) to serve as a Student Volunteer at the 2004 US-IALE Annual Meeting. Deadline for application is February 6, 2003. Each Student Volunteer will be expected to be a student member of the US-IALE and provide a minimum of 14 hours of service at the meeting in exchange for his/her meeting registration. Only a limited number of Student Volunteers will be accepted and these slots will be filled on a first-applied, first notified basis. Please do NOT apply unless you will be available to provide 14 hours of service during the meeting. PLEASE NOTE: IF YOU ARE NOT SELECTED, YOU WILL NEED TO PURCHASE YOUR REGISTRATION ON-SITE IN ORDER TO ATTEND THE MEETING. (If you apply and are not selected, you will be eligible for the early registration rate). If you want to be considered to serve as a Student Volunteer, please choose that option as your rate when you register online.

### **Student Membership**

We strongly encourage you to renew your membership with US-IALE or join today if you haven't already. Your membership fees support the same awards and events that are helping you promote your research and ideas within the landscape ecology community. Without a healthy student membership, the many student perks provided by the organization would be at risk of vanishing. So please, join or renew today! See the Membership section on this newsletter for more details.

### **Upcoming Elections for 2004-2006 Student Representative**

Elections for open Executive Committee positions are held each year at the annual meeting. In response to an email solicitation for nominations for the 2004-2006 Student

Representative, three candidates will be running this year for the position of Student Representative. Full candidate statements will be released along with election information, but here is a brief introduction to each candidate. Be sure to introduce yourself to them at the meeting to learn how they plan to serve you as student members and then remember to VOTE! Joshua Halofsky (Oregon State) is studying the relationship between wolf, elk and aspen in Yellowstone National Park within the framework of trophic cascades theory. Matt Luck (University of New Mexico) is investigating the mechanisms responsible for scaling properties of the energy and water balance of landscapes. Lance Jay Roberts (Michigan State University) is using Landsat and USDA Forest Service data to develop a detailed spatial forest inventory of Michigan's Upper peninsula that he will use to assess landscape structure across ownership boundaries, and model and map bird-habitat distributions.

Student Representatives serve a two-year term during which they have the opportunity to interact with senior members of US-IALE Executive Committee, meet students (future colleagues, and influence the future direction and priorities of the organization. If you might be interested in serving as a student representative, please contact Jennifer ([jmfrater@iastate.edu](mailto:jmfrater@iastate.edu)) or Ashton ([cadrew@unity.ncsu.edu](mailto:cadrew@unity.ncsu.edu)). We are always happy to answer questions and share our experiences. We highly recommend this job!

### **Your US-IALE Representatives**

We'd like to take this opportunity to introduce ourselves. Jennifer Fraterrigo (Student Representative 2002-2004) is a Ph.D. candidate at the University of Wisconsin-Madison. She works with Drs. Monica Turner and Scott Pearson on the influence of land-use and climate change on forest soils and understory herbs in the Southern Appalachian Highlands. Ashton Drew (Student Representative 2003-2005) is a Ph.D. candidate working under Dr. Dave Eggleston at North Carolina State University.

She is studying dispersal dynamics of fish and crustaceans in marine benthic landscapes. Jennifer and Ashton welcome input from students and professionals on how US-IALE might better serve graduate student members.

## **Other Meetings**

### **Bob Keane**

**American Society for Mining and Reclamation (ASMR) 21st Annual Meeting**  
Morgantown, West Virginia  
Sunday, April 18, 2004 - Thursday, April 22, 2004

<http://www.wvu.edu/~agexten/landrec/2004TFS/1stCall.pdf>

### **The Practice of Restoring Native Ecosystems Seminars**

Broadhead, Wisconsin  
Tuesday, April 20, 2004 - Wednesday, April 21, 2004  
Contact [conferences@arborday.org](mailto:conferences@arborday.org). See --  
<http://www.arborday.org/programs/conferencelist.html>

### **Biodiversity and Archipelago II: Connecting Mountain Islands and Desert Seas**

Tucson, Arizona  
Tuesday, May 11, 2004 - Saturday, May 15, 2004

[Biodiversity and Archipelago II: Connecting Mountain Islands and Desert Seas](#)

### **1st Southeastern Regional Conference on Stream Restoration**

Winston-Salem, North Carolina  
Monday, June 21, 2004 - Thursday, June 24, 2004

Abstracts due January 15, 2004.  
See --

[http://www.bae.ncsu.edu/programs/extension/wqg/sri/2004\\_conference/index.html](http://www.bae.ncsu.edu/programs/extension/wqg/sri/2004_conference/index.html)

**Restoration Ecology in Greater Yellowstone Course**

Yellowstone National Park  
Tuesday, June 22, 2004 - Friday, July 9, 2004  
Application due: 4/20/04  
<http://www.wildrockies.org/wrfi/trips/restore99.html>

**18th Annual Meeting of the Society for Conservation Biology, hosted by the Center for Environmental Research and Conservation**

Columbia University, New York  
Friday, July 30, 2004 - Monday, August 2, 2004  
[www.conbio.org](http://www.conbio.org) or  
<http://cerc.columbia.edu/scb2004/index.html>

**89th Annual Meeting of the Ecological Society of America**

Portland, Oregon  
Sunday, August 1, 2004 - Thursday, August 12, 2004  
[http://www.esa.org/meetings/future\\_annual\\_meetings.php](http://www.esa.org/meetings/future_annual_meetings.php)

**The 19th North American Prairie Conference**

University of Wisconsin-Madison  
Sunday, August 8, 2004 - Thursday, August 12, 2004  
<http://www.napc2004.org/>

**16th Conference of the Society for Ecological Restoration International**

Victoria, British Columbia  
Wednesday, August 25, 2004 - Friday, August

27, 2004

Information can be accessed from [ser.org](http://www.ser.org) (which has links to other conferences). See also --  
<http://www.ser.org/meeting.php?pg=annualconference#victoria>

**Second National Conference on Coastal and Estuarine Habitat Restoration**

Seattle, Washington  
Sunday, September 12, 2004 - Wednesday, September 15, 2004  
11:02 PM - 11:02 PM

<http://www.estuaries.org/index.php>

**24th International Symposium of the North American Lake Management Society**

will convene at the Victoria Conference Centre in Victoria, British Columbia. **November 3-5, 2004.** For information, contact NALMS at 608/233-2836, Fax: 608/233-3186, [nalms@nalms.org](mailto:nalms@nalms.org).

[Lake 2004: International Conference on Conservation, Restoration, and Management of Lakes and Coastal Wetland](#) will convene in Orissa, India. **December 9-13 2004.**

"Climate Disturbance Interactions in Boreal Forest Ecosystems" is scheduled to be held May 3-6, 2004 at the [Fairbanks Princess Riverside Lodge](#) in Fairbanks, Alaska

[Climate Disturbance Interactions in Boreal Forest Ecosystems](#),



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## US-IALE

### United States Regional Association of the International Association for Landscape Ecology 2003 Membership Application and Membership Renewal Form

US-IALE was formed with the purposes of: fostering the science of landscape ecology in the U.S.; linking U.S. landscape ecologists with the international community of landscape ecologists; and promoting interdisciplinary research and communication among landscape scientists and professionals, such as planners, who apply principles of landscape ecology. **Benefits of membership** in US-IALE include: membership in the umbrella international organization, the International Association for Landscape Ecology (IALE); discounts to our journal *Landscape Ecology*; Annual Meeting with discounted registration fee, subscriptions to the US-IALE Newsletter and IALE Bulletin, copy of the membership directory, and the US-IALE website. Please renew your membership or join US-IALE by filling out this form and submitting it to the Membership Secretary (see address below). Submit by January 31, 2003, to ensure there is no lapse in your membership benefits.

**Name:** \_\_\_\_\_  
**Mailing Address:** \_\_\_\_\_  
**E-mail Address:** \_\_\_\_\_  
**Website Address:** \_\_\_\_\_  
**Telephone Number:** \_\_\_\_\_

**New Member:** Yes \_\_\_\_\_ No \_\_\_\_\_

If you are a new member, please indicate how you learned about US-IALE:

\_\_\_colleague \_\_\_*Landscape Ecology* \_\_\_web \_\_\_meeting announcement \_\_\_other (describe)

**Interest Keywords:** (e.g., spatial analysis, urban planning, conservation biology, etc.)

#### DUES

2003 Regular Member (\$30.00) \$ \_\_\_\_\_  
2003 Student Member (\$20.00; Please include copy of student ID) \$ \_\_\_\_\_

#### DONATIONS

Student Award Fund (To support Best Student Presentation Award) \$ \_\_\_\_\_  
Foreign Travel Award (Aids int'l attendance at US-IALE meetings) \$ \_\_\_\_\_  
General Fund (General financial support of US-IALE) \$ \_\_\_\_\_

#### SUBSCRIPTION\*

*Landscape Ecology* (STUDENTS ONLY) (\$60.00) \$ \_\_\_\_\_

**TOTAL** \$ \_\_\_\_\_

**RECEIPTS** will be sent out via e-mail (if available) unless checked here: \_\_\_\_\_

**Please send this form with a check (U.S. \$ on a U.S. bank only), purchase order, or money order (payable to US-IALE) for the total amount to: Nancy Castro, US-IALE Membership Secretary, Appalachian Laboratory 301 Braddock Rd. Frostburg MD 21532.**

\* US-IALE only processes subscriptions to *Landscape Ecology* for student members. Regular members are encouraged to subscribe, and can do so through the Kluwer Publishing homepage for *Landscape Ecology* ([www.wkap.nl/journalhome.htm/0921-2973](http://www.wkap.nl/journalhome.htm/0921-2973)). You must be a member of IALE to receive member subscription rates from Kluwer.