

US-IALE NEWSLETTER

Issue 15/1

August 1999

Appalachian Laboratory
University of Maryland Center for Environmental Science

NOTES FROM THE CHAIR

Jack Ahern

The 5th World Congress of IALE "The Science and the Action" was held in Snowmass, Colorado, from July 29 - August 3. Attendance figures indicated that approximately half of the participants were from the USA. IALE President John Wiens did an outstanding job as local host - with a memorable Congress venue and facility, outstanding Congress and symposium programming, and well-organized social events. In deference to the World Congress, US-IALE kept a low profile. We suspended our awards program and banquet for the Congress, and held a separate business meeting for US-IALE members. I believe that my impression was shared by most that attended the Congress: this was the most exciting, intellectually rich, and well-attended IALE event in history. Congratulations and sincere thanks to John Wiens, Michael Moss, and the entire organizing committee.

I wish to recognize and thank the Executive Committee officers that completed their two year terms at the World Congress. Steve Seagle completed his term as Secretary, and volunteered for reelection. Steve has done an outstanding job with the newsletter, helping to move towards an electronic distribution, and with other US-IALE business. Sandra Turner

completed her term as Councilor-at-Large. Sandra worked on the US-IALE Strategic Plan, and on the Membership Committee. Charlotte Pyle completed her term as Treasurer, assisting the important effort to receive non-profit status for US-IALE, and keeping our modest but complex finances in good order. Sam Riffell completed his term as one of our student representatives. Sam worked to modify our bylaws to include two student representatives, helped to organize the student social, and served on the Nominations Committee for this year's elections. It has been a pleasure to work with these fine people. I ask that you join me in expressing gratitude and support for their generous volunteer efforts on behalf of US-IALE.

During the World Congress US-IALE held elections for Secretary, Treasurer, Councilor-at-Large, and one Student Representative. Your new Secretary is Steve Seagle. Alan Johnson is the new Councilor-at-Large, Phil Townsend is the new Treasurer, and Marlene Cole is the new Student Representative. The new Executive Committee is working to begin implementing our strategic plan, to complete our approval for non-profit status, and to develop a long-term financial plan.

The next symposium will be in Ft. Lauderdale on April 15-19, 2000. Local Host Fred Sklar reports that preparations are on track for our next national

meeting. Please see the call for papers in this newsletter, and visit the symposium web site for more details.

I am pleased to announce that the Executive Committee has accepted a proposal from Arizona State University to host the 2001 US-IALE Symposium. Laura Musacchio will serve as local host and Jianguo (Jingle) Wu will be the Program Chair. Both are at Arizona State. The symposium promises to bring a particular emphasis on urban landscape ecology, with the recently established Phoenix Urban Long Term Ecological Research Site integrated with the symposium. Please stay tuned for more details. The local host and program chair will need your support and assistance as the preparations develop.

With the help of the Executive Committee, and numerous other volunteers' efforts, US-IALE is advancing on many fronts. The field of landscape ecology is expanding nationally and internationally. US-IALE needs your participation, support, ideas and comments. I personally invite any of you who wish to serve or assist US-IALE - in any capacity - to contact me at jfa@larp.umass.edu. Thank you all.

MEETING REPORT - THE FIFTH WORLD CONGRESS OF IALE

John Wiens

The Fifth World Congress of the International Association for Landscape Ecology was held in Snowmass Village, Colorado, on July 29 - August 3, 1999. Numbers give some indication of the success of the Congress: of the 624 registrants, 295 individuals, representing 35 countries, came from outside of the United States. The Congress truly was

an international gathering of landscape ecologists. A wide age spectrum was also represented, from some of the founders of landscape ecology to the 213 students who attended. There were five plenary addresses, eighteen symposia (containing 164 contributions), 229 contributed papers, and 144 posters. Lots of exciting stuff!

But numbers alone tell only part of the story. The setting at Snowmass, with a central, well-designed conference center and many nearby shops, restaurants, and watering holes (as they are called here), facilitated frequent contacts among attendees. Landscape ecology is an enormously broad discipline, and the Congress provided the opportunity for individuals with quite different perspectives to share and compare their views. The collection of 28 essays prepared especially for the Congress, *Issues In Landscape Ecology*, includes a sampling of the varied perspectives that make up landscape ecology today and that define the agenda for the future. Collectively, the essays, symposia, plenaries, and contributed papers and posters show that the integration of the science of landscape ecology with the action and practice of landscape ecology is a much closer goal than it once seemed. Copies of *Issues In Landscape Ecology* are available from the Secretary-General of IALE (Michael Moss, Faculty of Environmental Sciences, University of Guelph, Guelph, Ontario N1G 2W1 Canada) for US\$ 12, mailing included.

The Congress was also an occasion to honor those who have contributed so much to the growth of IALE as an organization and of landscape ecology as a discipline. IALE Distinguished Service Awards were presented to Jesper Brandt (Denmark), Frank Golley (USA), Milan

Ruzicka (Slovak Republic), Severin M. ten Houte de Lange (The Netherlands), and Isaak Zonneveld (The Netherlands); IALE Distinguished Scholarship Awards were presented to Richard Forman (USA) and Michel Godron (France), Gray Merriam (Canada), Zev Naveh (Israel), Paul Opdam (The Netherlands), and Denis Saunders and Richard Hobbs (Australia). A new IALE Executive Committee was also elected. Those elected are: Richard Hobbs (President), Mike Moss (Secretary-General), Rob Jongman (Treasurer), Felix Kienast (Deputy Secretary-General and Bulletin Editor), Margareta Ihse (Vice-President), and Xiao Dunning (Vice President). They are joined by Francoise Burel and Kathy Freemark, whose terms as Vice-President continue.

Organizing this Congress was a rewarding task, made much easier by the able assistance of a number of students and associates. I particularly want to recognize the contributions of Cindy Botteron and Stephanie Bestelmeyer, without whose efforts the Congress would have been a splendid example of chaos theory in action.

CALL FOR PAPERS: US-IALE 2000
Fred Sklar

The 15th Annual Symposium of the U.S. Division of the International Association of Landscape Ecology will be held April 15-19, 2000, at the Marina Marriott in Fort Lauderdale, Florida. The theme of the symposium will be **Integration of Societal and Landscape Heterogeneity: Problems and Solutions**. Visit the symposium website at <http://www.ces.fau.edu/iale2000> for instructions on abstract submissions,

registration information, information for developing special sessions/workshops, travel/hotel arrangements, and local tourist attractions.

Societal demands for housing, roads, natural resources and jobs are often at odds with demands for parks, clean air & water, nature preserves, and the sustainability of healthy ecosystems. How have these conflicting demands altered landscape heterogeneity? How does landscape heterogeneity affect biodiversity and the quality of life? The IALE-2000 Program Committee seeks abstracts for papers and posters for sessions that capture developments or syntheses in landscape and ecosystem science, with particular focus on one of the following four themes: 1. **Processes and Consequences of Landscape Fragmentation and Alteration** (e.g., fractals, gap analysis, energy flow, climate change, fire effects, percolation, gradients, biodiversity, and regional planning); 2. **Principles of Landscape Management and Restoration** (e.g., biogeography, restoration concepts, biogeochemical budgets & processes, resource management & policy, urban planning, landscape architecture, case studies); 3. **Comparative Systems Analyses** (e.g., scale, landscape function & structure, cityscapes, seascapes, feedbacks & linkages, paleoecology, network analysis, modeling); 4. **Value and Assessment of Landscapes** (e.g., social trends, risk assessment, ecological economics, GIS techniques, mapping, remote sensing).

One highlight of the meeting will be a series of half-day field trips on Monday, April 17, and full-day field trips on Wednesday, April 19. Full-day trips include: Everglades National Park, Big Cypress National Preserve, Corkscrew Swamp Sanctuary, Biscayne National

Park and Glass Boat Tour, Fairchild Botanical Garden/Miami, and Florida Bay John Pennekamp Coral Reef State park. Half-day trips include: Airboat Tour of the Everglades, Agro-ecosystem Tour, the Everglades Nutrient Removal Project, and John D. MacArthur Beach State Park.

Hotel accommodations will be in the luxurious Marina Marriott, with easy access to beaches, museums, and a wide range of restaurants. Located on the Intercoastal Waterway, the Marina Marriott is also a stop for The Water Taxi, which is the preferred way to see the "Venice of America". For the conference, a block of hotel and lodge rooms has been reserved at discounted rates (\$89 per night single to quad occupancy). Conference rates apply during April 15-19 and, on a space available basis for three days before and after the Conference

For program information: Dr. Fred H. Sklar (Program Chair), Everglades Systems Research Division, South Florida Water Management District, West Palm Beach, FL 33416-4680. Telephone Number: 561/682-6504; Fax Number: 561/682-6442; E-mail Address: fsklar@sfwmd.gov. For registration information: Dr. Yegang Wu (Program Coordinator), Everglades Systems Research Division, South Florida Water Management District, West Palm Beach, FL 33416-4680. Telephone Number: 561/682-6686; Fax Number: 561/682-6442; E-mail: ywu@sfwmd.gov.

Sponsors of IALE 2000 the include the South Florida Water Management District, the Florida Center for Environmental Studies, U.S. Geological Survey, and the Walt Dineen Society.

SILENT AUCTION BOOK SALE

Charlotte Pyle

US-IALE held a silent auction at the World Congress this summer in Snowmass. Though the auction was not as extensive as in previous years, the items were avidly bid upon. I would like to acknowledge donations from Ben Meadows Company (taking the auction table beyond books this year), Cambridge University Press, Island Press, Kluwer Academic Publishers, Scientific Book Displays (Garry Miller), and Springer-Verlag. In addition, individual members of IALE donated books (A. Bennett, J. Wiens) and a banquet ticket (Anonymous).

Because of the extent of the auction, the total proceeds (\$443) are not sufficient to support next year's Foreign Scholar Award without dipping into Foreign Travel Fund savings. Although the Executive Committee plans to continue these annual auctions, it is clear that a more dependable source of income is needed to support this important Fund. Comments and suggestions from the US-IALE membership are welcome.

US-IALE ELECTION RESULTS

Sam Riffell

The 1999 US-IALE General Election was held at the International Congress in Snowmass, Colorado, this past summer. Four positions on the Executive Committee were open, and thanks to a highly qualified slate of candidates, these positions were filled.

The newly elected officers will serve a two-year term beginning at the 1999 meeting and continuing through the 2001. New officers are: Alan Johnson

(Clemson University) - Councilor-at-Large; Steve Seagle (UMCES Appalachian Laboratory) - Secretary; Phil Townsend (UMCES Appalachian Laboratory) - Treasurer; and Marlene Cole (Rutgers University) - Student Representative.

Members of the US-IALE Executive Committee provide valuable and oftentimes unrecognized benefits to the US-IALE membership, and we are grateful to all the candidates for their willingness to serve. Also, special thanks are due to out-going officers Sandra Turner (Councilor-at-Large), Charlotte Pyle (Treasurer), and Sam Riffell (Student Representative).

STUDENT TRAVEL AWARDS

Kim With and Steve Seagle

As at the 1998 US-IALE meeting, Dr. Jack Liu was able to secure support from NASA for student travel awards to attend this year's 5th IALE World Congress in Snowmass, CO. In addition to helping defray travel costs, student recipients were honored at a banquet that promoted interaction with multiple established landscape ecologists. US-IALE appreciates Jack's efforts to aid student attendance, and also the efforts he and John Wiens made to arrange the banquet.

CURRENT AND FUTURE US-IALE STUDENT ACTIVITIES

Sarah Gergel and Marlene Cole

We'd like to thank all the students who attended the Student Banquet at the IALE Congress this summer in Snowmass. This was only the second

student social ever, and we were thrilled with the huge turnout (>200 people). We are hoping to continue with this event at the next US-IALE Annual Meeting in Ft. Lauderdale and are interested in any feedback you can share on the event.

We are also in the process of instituting a 'Lunch with a Mentor' program at IALE Annual Meetings. While still in the works, we envision a luncheon where small groups of students (3-4) have lunch with a more experienced researcher or practitioner of landscape ecology. This is intended to help students meet and get to know experienced landscape ecologists, learn more about the field, talk about their research, get job advice, and just generally get more out of the annual meetings. Watch for more details regarding signing up to be a mentor, as well as signing up as a student.

We'd also like to take this opportunity to introduce US-IALE's new co-student representative, Marlene Cole. Marlene is currently a Ph.D. candidate at Rutgers University. She has degrees from Vassar College and Yale University's School of Forestry and Environmental Studies and has worked for The Wilderness Society and The Nature Conservancy. Her doctoral research looks at the effects of the spatial pattern of habitats on species interactions, specifically how the locations of mosquito control ditches affect interactions between dominant marsh plants and ribbed mussels. Marlene plans to work within US-IALE to increase opportunities for student involvement, obtain additional funding for student scholarships, and increase student membership.

Your student representatives would like to hear from you and can be contacted for questions and comments. Email is the easy route: Sarah Gergel -

sarah@ravel.zoology.wisc.edu; Marlene Cole – mbcole@crssa.rutgers.edu.

BUSINESS MEETING MINUTES

July 30, 1999 – Snowmass, CO
Steve Seagle, US-IALE Secretary

Meeting convened at 5:40 PM.
Attending: Entire US-IALE Executive Committee and approximately 25 others.

1. US-IALE Chair Jack Ahern extended a welcome to all individuals, introduced the Executive Committee, and expressed appreciation for Executive Committee members whose current term has ended. These individuals included: Charlotte Pyle (Treasurer), Sandra Turner (Councillor-at-Large), Steve Seagle (Secretary), and Sam Riffell (Student Representative). He also expressed his thoughts that the past year had held some important developments for US-IALE while the upcoming year held several challenges.

2. Chair Ahern reminded everyone that US-IALE elections were currently being held during the Congress. Sam Riffell, of the Nomination and Elections Committee, introduced those running for office: Steve Seagle - Secretary; Phil Townsend - Treasurer; Alan Johnson and James Palmer - Councillor-at-Large; Marlene Cole, Steve Friedman, Jeffery Lusk, and Brian Sturtevant - Student Representative.

3. The outgoing US-IALE Treasurer Charlotte Pyle presented the Treasurer's report, noting that during the previous year US-IALE had operated at a deficit of \$379.00. *[Editor's Note: A detailed Treasurer's report is located at the end of this Newsletter.]* A brief discussion for why this deficit existed ensued. General consensus seemed that unless

US-IALE membership increased significantly an increase in member dues would be likely. US-IALE continues to seek tax-exempt status from the U.S. Internal Revenue Service.

4. US-IALE Secretary Steve Seagle noted that the previous year had seen multiple changes in the way that US-IALE does business. In particular, it was noted that the electronic distribution of the Newsletter was apparently very effective (saving \$200-250/ mailing), and this type of communication with the membership also opened the way to more frequent presentation of US-IALE issues to the membership at large. In conjunction, he noted the high importance of maintaining a correct email address with the US-IALE Membership Secretary. Steve also noted that members wishing to receive the Newsletter as a hard copy would still be accommodated, and that comments for improvement of the Newsletter were welcome. On behalf of Membership Secretary Nancy Castro, Steve reported that US-IALE membership had stayed relatively constant for several years (1996 - 206; 1997 - 350; 1998 - 312; 1999 - 313), and that the membership composition (regular, student and foreign members) had also remained similar over that time. US-IALE members should contact the Membership Secretary to: (1) be added to the mailing list for Newsletters (contact by U.S. mail only), or (2) make changes to membership information, and renew membership. Members should pay particular attention to addressing questions concerns about membership, journal subscriptions, etc. to the correct individual. A complete reminder of these contacts will be sent to members.

5. Bob Gardner noted that, although he had resigned as Editor-in-Chief for

Landscape Ecology and no successor had been found, the journal continued to function smoothly in its editorial process, with most handling of manuscripts now done by Kluwer. Bob also noted the decrease in journal cost, increase in the number of pages published, and development of a subject editor board as improvements in the journal over the last three years. The current backlog of papers waiting for publication may result in higher rejection rates. Also, according to research by Kluwer, the citation index of Landscape Ecology ranks very high among general ecology journals and first among geographic journals.

6. Pete August, Chair of the Foreign Scholar Travel Award Committee, noted this year's great success in increasing funding for the Foreign Scholar Travel Awards. This effort was put forth to promote greater participation in the World Congress, and resulted in five travel awards being offered (from among 47 applicants), rather than the usual one or two. These awards were supported by last year's silent book auction (2), Kluwer Publishers (1), and new donations (2). Pete praised members of the Committee (Frank Golley, John Bissonette, Russell Watkins, Jianguo Wu, and Sam Riffell) for their effort and expressed the hope that such enthusiasm for these awards could continue. *[Editor's Note: Please see the article on the Foreign Scholar Travel Awards found elsewhere in this Newsletter.]*

7. Eric Gustafsen, Chair of the US-IALE Awards Committee reminded attendants that although the US-IALE awards had been deferred this year, his Committee would be seeking nominees for all US-IALE awards to be given at the 2000 meeting in Florida. Any

nominees received this year would be included in the competition during 2000.

8. Sandra Turner and Kim With updated those attending on the status of the US-IALE Strategic Plan, noting that the plan was approved by a vote of the membership and that Phase II (implementation) was now in motion. Members of the Strategic Planning Committee have outlined priorities and action items, and submitted a draft of these to the US-IALE Executive Committee for comment. These plans will then be presented to the general membership for discussion and possible adoption. Chair Ahern pointed out two examples of potential new committees (Communication and Endowment) that will be needed to help implement Phase II. Tom Crow continues as Chair of the US-IALE Strategic Planning Committee but was unable to attend the meeting. Other members include Sandra Turner, Kim With, and Sarah Gergel.

9. Kim With reported that the Society for Conservation Biology (SCB) did not accept the proposal submitted by the University of Michigan, which was endorsed by US-IALE, for a joint meeting between the two organizations in 2001. *[Editor's Note: A more-detailed article on this issue is presented later in this newsletter.]*

10. Fred Sklar, Program Chair for the 2000 US-IALE meeting, noted that the date for the 2000 meeting is April 15-19 in Fort Lauderdale, Florida. Because of the timing of the International Congress, this US-IALE meeting will occur in only about 9 months. Also, an April meeting was desirable in order to keep costs down. Fred then briefly outlined the meeting structure and accommodations, and noted that he did have brochures for distribution. *[Editor's Note: Please see*

the article in this Newsletter on the 2000 meeting.]

11. Chair Ahern announced that a final venue, local host, and program chair for the 2001 US-IALE meeting had not been finalized although a decision is expected soon.

Meeting adjourned at 6:35 PM.

NEWS ON EPA'S ReVA PROGRAM

Betsy Smith

The Environmental Protection Agency's Office of Research and Development announces a new research initiative, the Regional Vulnerability Assessment (ReVA) program. ReVA is developing and testing an approach to comparative ecological risk assessment at the regional scale. The pilot assessment will be done for the Mid-Atlantic region and builds on data collected for the Environmental Monitoring and Assessment Program (EMAP). Using a landscape approach, ReVA seeks to answer two questions: 1) What will be the most pressing environmental problems in the next 5 to 25 years?, and 2) Where are the most vulnerable ecosystems located? The goal here is not exact predictions, but a first-cut early warning system to identify and prioritize undesirable environmental changes we should expect over the next few decades. As such, ReVA represents a new risk paradigm for EPA that will require innovative approaches to combine existing knowledge, focus new research, and synthesize many types of information into a meaningful assessment designed to inform environmental decision makers about future environmental risk. An interim product, The Mid-Atlantic Stressor

Profile Atlas, is currently available in draft form on the ReVA homepage: <http://www.epa.gov/eimsreva>; review comments are welcome. For additional information on ReVA, contact Dr. Betsy Smith, at smith.betsy@epa.gov.

US-IALE FOREIGN SCHOLAR TRAVEL AWARD WINNERS - 1999

Foreign Scholar Travel Award Committee

US-IALE places high value on the scholarly contributions of foreign landscape ecologists at the annual conference. To this end, it provides one or more travel grants to scientists from economically underprivileged countries to assist them in participating in the conference. This year, the US-IALE annual meeting was held in conjunction with the 5th Annual World Congress in Snowmass, Colorado. Given the size and significance of this year's conference, the Foreign Scholar Travel Award Committee made a special effort to provide as many grants as possible.

Five awards of \$1,000 each were made this year. Two of the awards were funded by the proceeds of the successful book auction held at the 1998 US-IALE conference at Michigan State University. Two additional awards were made possible by anonymous, out-of-pocket donations by a number of members of US-IALE. Finally, Kluwer Publishers, the publisher of Landscape Ecology, generously donated a fifth award to facilitate attendance by a landscape ecologist from eastern Europe.

We received 47 applications from 23 countries. Applicants were judged on the scientific merit of the papers they proposed to present at the conference,

financial need, communication skills, and the importance of attending the conference for their professional development. All of the applications were meritorious, but five winners were exceptionally well qualified. They were:

Dr. Simon R. Swaffield (Lincoln University, New Zealand). Dr. Swaffield's research is on applying the principles of landscape ecology in the conservation and management of culturally modified landscapes. He takes a broad view of the New Zealand landscape and considers the ecological and as well as the social and cultural aspects. At the Congress, he was most eager to learn how colleagues from other countries successfully communicate to politicians and decision-makers the importance of taking a landscape perspective in resource management.

Dr. Elena Lioubimtseva (Moscow State University; currently on research assignment at the University of Louvain, Belgium). Dr. Lioubimtseva's research is on using remote sensing techniques to characterize land cover pattern and change. She is currently examining the relationship between the scale of source data and variation in landscape characteristics in various regions of Russia. At the World Congress Dr. Lioubimtseva was interested in meeting colleagues from other countries who work in land cover classification systems and she was anxious to learn how this information is successfully used in environmental planning or management. Dr. Lioubimtseva is the recipient of the Kluwer Publishers Travel Grant.

Ms. Susana Ochoa-Gaona (Ph.D. Candidate, Universidad Nacional Autonoma de Mexico and Research Scientist at El Colegio de la Frontera Sur, Chiapas, Mexico). Ms. Ochoa-Gaona is a plant ecologist

studying forest fragmentation and land cover change in the highlands of Chiapas, Mexico. This research is the focus of her Ph.D. degree, which will be completed this fall. She has over 25 years of field experience in studying the flora and ecological communities of Mexico. At the World Congress Ms. Ochoa-Gaona was most interested in learning how her colleagues from other countries use quantitative analysis in characterizing landscapes and measuring their change.

Dr. Qiong Gao (Institute of Botany, Chinese Academy of Sciences, Beijing, China). Dr. Gao's current research is developing simulation models of landscape processes. He is especially interested in understanding if and how mechanistic models developed at small scales can be extended to larger regions and landscapes. At the Congress, he was eager to meet other quantitative ecologists to discuss simulation models and landscape flux dynamics.

Dr. Li Xiangzhen (Ecological Division, Chinese Academy of Sciences, Beijing, China). Dr. Xiangzhen studies the ecology of grassland-dominated landscapes in China, especially the Mongolian Plateau. In particular, he is interested in knowing how disturbance/relaxation cycles influence landscape-scale processes, especially the flow of nitrogen, shrub dynamics, and changes in soil properties. At the Congress he was anxious to meet other scientists working in grassland ecosystems to learn of their work and exchange ideas on the role of landscape ecology in grassland ecosystem management.

Submitted by the members of the US-IALE Foreign Scholar Travel Award Committee: Peter August, Frank Golley,

John Bissonette, Russell Watkins,
Jianguo Wu, and Sam Riffell.

FOREIGN SCHOLAR TRAVEL AWARDS – 2000 MEETING

Pete August

US-IALE will hold its next annual meeting in Fort Lauderdale, Florida, during April, 2000. Announcement of Foreign Scholar Travel Awards for attendance at this meeting, along with application instructions will be posted at: www.edc.uri.edu/usiale-fsta. The Travel Awards Committee looks forward to receiving and reviewing your applications.

USING THE USIALE-L LISTSERV

Pete August

The purpose of the USIALE-L listserv is to foster communication among members of the national and international community of landscape ecologists. The list entertains any and all dialogue on matters of interest or importance to landscape ecologists. It is maintained at the University of Rhode Island and is moderated by Peter August. Anyone can subscribe and contribute to the discussion group. USIALE-L mail is not screened. However, the list should NOT be used for commercial purposes or to advertise products or services. Anyone repeatedly abusing this simple request will be unplugged by the moderator.

The value of the USIALE-L forum is a function of the quality of news, dialogue, and discussion that each of you contribute. If you have a thought,

question, or concern that is relevant to landscape ecology, throw it out for your peers to enjoy, critique, or debate. Here are a few technical reminders to help you use this resource.

In order to subscribe to USIALE-L, send to LISTSERV@PETE.URI.EDU the following message: SUBSCRIBE USIALE-L Your Name.

To unsubscribe from USIALE-L, send to LISTSERV@PETE.URI.EDU the following: SIGNOFF USIALE-L.

To use, send all messages (postings) to USIALE-L@PETE.URI.EDU. Your message will be automatically forwarded to everyone who has subscribed to the USIALE-L list.

NEVER include attachments to your postings. They can cause annoying problems with many subscribers email service.

If you want to review past USIALE-L messages, there is a permanent archive of all postings and a great search engine to find the one you are looking for at this URL: <http://pete.uri.edu/archives/usiale-l.html>.

Think twice before hitting the reply button on your email software -- do you want to respond to the whole list or just the original author of the posting?

If you have any questions or problems, feel free to contact Pete August (pete@edc.uri.edu).

US-IALE MEMBERSHIP UPDATE

Nancy Castro

As of August 31, 1999, there are 325 active members in the US-IALE. Of this total, 236 are U.S. regular members, 11 are international regular members, 76 are U.S. students and 2 are international student members. Membership in US-

IALE has increased slightly from the 1998 year-end tally of 312 active members.

Despite the drop in subscription cost, journal subscriptions remain almost unchanged from 1998 (155) to 1999 (161). This year, 128 regular members and 33 students have subscribed to the journal.

To keep the US-IALE membership database current, please contact me (ncastro@al.umces.edu) with any change in affiliation or address. Please note that it is **not** the membership secretary's responsibility to notify Kluwer of address changes. If you are a current subscriber to Landscape Ecology, you must contact Kluwer directly with any change of address (orderdept@wkap.nl) in order to receive your journals in a timely manner.

STUDENT AWARDS FOR 1998

Eric Gustafsen

Winners of the student awards in 1998 were inadvertently omitted from the last issue of the US-IALE newsletter, but we certainly want to make certain that those award winners receive due recognition.

At the 1998 US-IALE meeting, held at Michigan State University, two students were chosen for the Best Student Presentation Awards. Each award consisted of a travel grant of \$500 toward attendance at the 1999 IALE World Congress in Snowmass, CO. One award was given for the best oral presentation, and the other for the best poster.

The winner for best student poster presentation was Todd Miller of the University of Wisconsin-Madison.

Honorable mention was given to Penny Flick of Duke University.

The recipient of the best student oral presentation award was Patrick Zollner of Indiana State University. Honorable mention was given to 4 students: Jeff Cardille of the University of Wisconsin-Madison; Joseph Cornell of the SUNY College of Environmental Science and Forestry-Syracuse; Kevin Wehrly of the University of Michigan; and Robb Bajema of Indiana State University.

Congratulations on the excellent presentations and we look forward to hearing of further excellent work at future US-IALE meetings!

NO JOINT MEETING WITH SCB

Kim With

Despite widespread interest and support for a joint meeting between US-IALE and the Society for Conservation Biology (SCB), these two organizations will not be convening together in 2001. A proposal for a joint conference was developed by a six-member committee from the School of Natural Resources & Environment (SNRE) at the University of Michigan, spearheaded by SCB member David Allan and including Tom Crow and Joan Nassauer as representatives of US-IALE. This joint meeting proposal was one of several competing proposals submitted to the SCB by various institutions vying for the 2001 conference site. The SCB governing board reviewed all proposals equally at their annual meeting during the SCB conference held in June at College Park, MD, and elected the venue proposed by the University of Hawaii for the location of the 2001 SCB meeting.

Because the following year will be an international conference in which the SCB will meet outside the United States, re-submission of a joint meeting proposal will have to be pushed back to 2003. The SNRE group at the University of Michigan has expressed interest in continuing to work with the officers of both organizations to develop this proposal further in the hopes of hosting a joint meeting between US-IALE and the SCB in 2003.

NEW DEGREE PROGRAM M.S. in Landscape Architecture

The Department of Horticulture and Landscape Architecture at Washington State University (WSU)-Pullman and the Interdisciplinary Design Institute at WSU-Spokane now offer the Master of Science in Landscape Architecture degree. Students may enroll at either Pullman or Spokane and take advantage of the faculty, facilities, and resources at these locations. Jointly the programs emphasize critical investigation, research, and scholarship related to geographical, biophysical, and cultural landscape dynamics. Both programs operate within the context of serving graduate-level landscape architecture and land planning needs for the Northern Rocky Mountain Bioregion.

Inquiries regarding the program or admission requirements can be directed to: Janet Silbernagel, MSLA Program Coordinator, Department of Horticulture & Landscape Architecture, Washington State Univ., Pullman WA 99164-6414. Telephone: (509) 335-1436; Email Address: jmsilber@wsu.edu; Website: <http://www.cahe.wsu.edu/~hortla>

JOB ANNOUNCEMENTS

Aquatic Ecologist

Assistant or Associate Professor

The Appalachian Laboratory of the University of Maryland Center for Environmental Science (UMCES) solicits applications for a faculty position as Assistant or Associate Professor to enhance its research initiative in landscape and watershed ecology. We are seeking an ecologist interested in linkages between terrestrial and aquatic ecosystems. Possible areas of interest and expertise may include: population or community ecology of freshwater aquatic or wetland species; structure and function of riparian systems; in-stream ecosystem processes; or impacts of land use change on upland aquatic and riparian ecosystems.

It is expected that candidates will have completed a Ph.D. by the time of appointment. The successful candidate will be expected to collaborate with other UMCES faculty members in multidisciplinary research focused on the Chesapeake Bay watershed and generate external funding to support a vigorous research program. While the main responsibility of this position is to conduct research, UMCES faculty members also participate in graduate education and practical application of science.

Review of applications will begin October 15; however, the position will remain open until it has been filled.

Applicants should send a curriculum vitae, a statement of research and teaching interests, selected reprints, and a list of four references (name, address, telephone, FAX and e-mail) to: Robert H. Gardner, Chair of the Faculty Search Committee, UMCES Appalachian Lab,

Frostburg, MD 21532. Telephone: 301-689-7125; FAX: 301-689-7200; e-mail: gardner@al.umces.edu.

UMCES is an Affirmative Action/Equal Opportunity Employer. Women and minorities are strongly encouraged to apply.

GIS Director / Faculty Position

Description: Director of Geographic Information Systems (GIS) and Simulation Lab, and Assistant/Associate Professor of Landscape Architecture in the Department of Horticulture and Landscape Architecture, Washington State University at Spokane (WSU Spokane). The position will be a twelve-month, tenure-track appointment and will be located on the Spokane Campus.

University Location: WSU Spokane is a campus of Washington State University, a Land Grant University with campuses located throughout the state of Washington and a system-wide enrollment over 20,000. Formed in 1989, WSU Spokane offers graduate and professional programs in disciplines such as design, engineering, and health sciences. WSU's main campus is located in Pullman in Southeastern Washington, eight miles from the University of Idaho, Moscow, and 75 miles south of Spokane. Spokane is located in the western foothills of the Rocky Mountains and is surrounded by outdoor recreation opportunities. With a 1995 population of approximately 401,000, Spokane County is the largest regional center in the Inland Northwest.

Responsibilities: The successful candidate will serve as the Director of the GIS Lab at the Interdisciplinary Design Institute (IDI) at WSU Spokane

and will be expected to pursue scholarly or creative activities related to the application of GIS to landscape architecture and landscape planning. The candidate is expected to generate extramural funding to advance the GIS and Simulation Lab as well as planning and design assistance to communities. The successful candidate will also have teaching responsibilities in the Landscape Architecture Program at IDI. Specific teaching responsibilities will include introductory and advanced courses in geographic information systems and simulation or modeling technology.

Department: The academic home of the position will be the Department of Horticulture & Landscape Architecture. The position will be located on the Spokane Campus in the newly created IDI. The IDI fosters interdisciplinary instruction, research, and service among faculty and students from architecture, construction management, interior design, and landscape architecture. The Landscape Architecture Program offers a five-year BLA degree that is accredited by the American Society of Landscape Architects and focuses on landscape architecture practice, and design and planning theory. Students in the fourth year of the BLA curriculum are enrolled on the Spokane Campus. The Program also offers an MSLA through the Spokane and Pullman Campuses.

Facilities And Support: The IDI at WSU Spokane currently houses a fully-functional GIS Lab. The lab includes a variety of SUN, HP, NT and Pentium workstations, a complete suite of ESRI software products, ERMapper image processing software and multiple peripheral equipment such as digitizers, flatbed and slide scanners, CD and slide writers, color, laser, pen and electrostatic

printers and plotters. The GIS lab is supported by a permanent full-time GIS specialist.

Qualifications: Required: A terminal degree in a field that routinely utilizes GIS applications; Demonstrated ability to direct a GIS Lab; Demonstrated ability to generate extramural resources to support a GIS Lab; Teaching or professional experience in landscape architecture, landscape planning or a related discipline with an emphasis on applications of GIS. Highly Desired: A degree in landscape architecture or significant interaction with the environmental design disciplines; Knowledge of UNIX, DOS, Windows, and Macintosh operating systems; Displayed computer programming experience; Knowledge of current trends, innovations, and technological advances required to manage a complex GIS Lab; Knowledge of simulation or modeling technology.

Salary And Benefits: Competitive salary commensurate with experience and qualifications.

Application Procedure: Application materials should include: Letter of application that describes the candidate's education, experiences, and interests in relation to the position; A resume which documents the education, experience, and qualifications of the candidate; The names, addresses, and telephone numbers of three references. Applications and or inquires should be addressed to: GIS Director/Landscape Architecture Faculty Search Committee, WSU Spokane Interdisciplinary Design Institute, N. 668 Riverpoint Blvd., Box B, Spokane WA 99202-1662. Telephone Number:(509)358-7920; E-Mail address: mmathews@wsu.edu. **The deadline for application: December 31, 1999 or until position is filled. Date Position Begins: August 16, 2000.**

Washington State University is an equal opportunity/affirmative action educator and employer. Members of ethnic minorities, women, Vietnam era or disabled veterans, persons of disability and/or persons between the ages of 40 and over are encouraged to apply. WSU employs only U.S. citizens and lawfully authorized non-U.S. citizens. All new employees must show employment eligibility verification as required by the U.S. Immigration and Naturalization Service. Upon request, WSU will accommodate applicants who qualify under the Americans with Disabilities Act.

WHO TO CONTACT FOR WHAT

Steve Seagle

US-IALE members have three primary contacts for handling routine business regarding their membership and subscriptions to Landscape Ecology. To receive the best service in the most direct route, members should make certain that they make the appropriate contact with inquiries.

For (1) submitting membership dues and initial subscriptions to Landscape Ecology, (2) submitting a change of address or other contact information, or (3) inquiring about membership status, US-IALE members should contact the Membership Secretary: Nancy Castro, UMCES Appalachian Laboratory, 301 Braddock Road, Frostburg, MD 21532; Email: NCASTRO@AL.UMCES.EDU. Please note that the Membership Secretary does not handle change of addresses for journal shipping (see below), only for the US-IALE membership directory, which is used for

mailing Newsletters, renewal notices, etc.

To submit a change of mailing address for a subscription to Landscape Ecology, members should contact Kluwer Academic Publishers directly. Appropriate Kluwer contact information for this making address changes is: Kluwer Academic Publishers, Journals Department, Distribution Centre, PO Box 322, 3300 AH Dordrecht, The Netherlands (Telephone Number: +31 78 6392392; Fax Number: +31 78 6546474; Email: orderdept@wkap.nl). Kluwer Publishers mails journals directly to subscribers, thus making this the appropriate contact.

For inquiries concerning problems with a journal subscription, currently US-IALE members should contact the US-IALE Treasurer: Phil Townsend, UMCES Appalachian Laboratory, 301 Braddock Road, Frostburg, MD 21532; Email: treasurer-usiale@al.umces.edu. This route is necessitated by our arrangement with Kluwer to keep journal prices down and to partially subsidize student subscriptions through regular member subscriptions. Members should note that having the US-IALE Treasurer act as a contact with Kluwer can be time consuming for the Treasurer, and the Executive Committee is investigating other arrangements with Kluwer. If the contact for journal subscription problems changes, members will be informed immediately.

For (1) US-IALE membership forms or (2) Landscape Ecology subscription forms, the US-IALE website (located at <http://www.edc.uri.edu/iale/>) has forms and appropriate addresses.

Suggestions or articles the US-IALE Newsletter should be submitted to the US-IALE Secretary: Dr. Steve Seagle, UMCES Appalachian Laboratory, 301

Braddock Road, Frostburg, MD 21532;
Email: SEAGLE@AL.UMCES.EDU.

DEADLINE FOR NEWSLETTER

Steve Seagle

The next US-IALE Newsletter will be issued in early January, 2000. Please submit any articles or news items to Steve Seagle (seagle@al.umces.edu) by the end of December 1999.

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**PLEASE NOTE THAT THE ANNUAL TREASURER'S REPORT IS FOUND ON
THE FOLLWING TWO PAGES.**

TREASURER'S REPORT

Charlotte Pyle, Out-Going Treasurer

US-IALE filed the final papers for tax exempt status in March 1999 and continues to wait for the IRS to act.

During the last year (7/1/98 - 7/1/99), US-IALE operated at a deficit of \$395.00. However, we continue to be solvent because of accumulated savings. Our finances involve three categories of funds: Student Award Fund, Foreign Travel Fund, and General Fund.

FINANCIAL SUMMARY 7/1/98 - 7/1/99

FUND	<u>INCOME</u>	<u>EXPENSES</u>	<u>NET</u>
Student Award Fund	\$ 851	500 (obligated)	+ 351
Foreign Travel Fund	\$ 4,837 (includes carry-over of \$1,637 from 3/98)	5,000 (includes obligations)	- 163
General Fund	\$ 22,075	22,658	- 583
Totals	\$ 27,763	28,158	- 395

YEAR-TO-DATE INCOME AND PREVIOUS YEAR EXPENSES

US-IALE income for 1/1/99-7/1/99, excluding dues and subscriptions, was \$3,370. For comparison, total expenses for 1/1/98-12/31/98 was \$5,448.

COMMENTS ON FUNDS AND PROJECTED EXPENSES

The Student Award Fund is endowed and self-supporting. In the past 12 months (7/1/98 - 7/1/99), interest and donations totaled \$851 with \$500 obligated for a travel award to the 1999 World Congress given (1999) to the student with the best paper at the 1998 US-IALE meeting.

The Foreign Scholar Travel Fund relies primarily on the silent auction book sale and donations. The IALE World Congress this year presented an unusual situation and US-IALE decided to work hard to sponsor five Foreign Travel Awards of \$1000 each instead of the usual single award of \$800. The sum of \$4837 was available for this from donations, interest on accounts other than the Student Award Fund, book sale receipts (\$1,637) brought forward from the 1998 US-IALE meeting. The remaining \$163

necessary to make the five awards was taken from accumulated Foreign Scholar Travel Fund savings.

During the year 7/1/98 - 7/1/99, the General Fund had \$22,075 in income and \$22,658 in expenses (operating at a deficit of \$583). It is important to realize that most of our General Fund income is pass-through" funds (subscriptions forwarded to the publisher of Landscape Ecology and dues of \$20 per regular member and \$10 per student member forwarded to our international parent organization (IALE).

Our "real" operating base is \$10 per member per year, plus any donations made to the General Fund. For the current calendar year (1/1/99 - 7/1/99), our income is \$3370. This may be compared to expenses of \$5448 for the previous calendar year (1/1/98 - 12/31/98). We have made efforts to reduce expenses in 1999, primarily through cutting postage and printing costs (with renewals and newsletter sent by e-mail).

DETAILS ON TOTAL ASSETS

On paper, US-IALE had \$33,108.46 as of 7/1/99. This figure is somewhat misleading as more than two-thirds (\$23,627.12) of the money was obligated or in an endowment. These obligations and endowments include:

Remaining obligation on \$5000 Foreign Travel Awards	\$ 4,681.05
Remaining obligation on \$500 Student Award	\$ 500.00
Obligated to (international) IALE (225 Regular x \$20 + 72 Students x \$10)	\$ 5,220.00
Student Award Fund endowment (Certificate of Deposit)	\$13,226.07

The remainder of US-IALE funds (\$9,481.34), which are not obligated and not in an endowment, include:

Student Award Fund Savings	\$1,445.41
Foreign Travel Fund Savings	\$2,590.58
Operating Funds	\$5,445.35*

* Additional obligations of unspecified amounts that will be drawn from these operating funds include: membership secretary salary owed for May-June and expected for July-December; newsletter costs; and renewal costs.