

US-IALE Newsletter

Issue 20/2, July 2005



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

Compiled by Bob Keane US-IALE Secretary

Notes from the Chair

Peter August

The 2005 US-IALE Symposium held in Syracuse, New York this past March informed us, inspired us, and challenged us. The scholarship in the technical sessions and symposia was exceptional. The student papers were the high point of every session; impeccable science, professional delivery, and thought-provoking content. The pre-conference technical training sessions were booked to capacity and included hands-on training in state-of-the-art software and analytical procedures. William Kittredge's plenary lecture reminded us of the human-dimension of landscape ecology. Landscapes are an essential element of the soul of our communities; they define and reflect who we are and what we value. Kittredge's personal reflections of growing up in rural northwestern U.S. painted a vivid picture of changing landscapes and changing social attitudes. Healthy ecosystems and healthy social networks of people and institutions are connected. John Wiens, one of our most influential scholars, challenged us with his observation that landscape ecology is about CONSERVATION ACTION! Our scientific observations, experiments, and models define CONSERVATION SCIENCE. But we are more than that. John implored us to engage in conservation action -- using our science to conserve and restore landscapes,

or guide development in ways that do not compromise the long-term viability of species and habitats. Landscape ecology is about getting things done on the ground. How we convert science to action is a new frontier. Young landscape ecologists (and your deans, department chairs, or lab supervisors) -- take note. The implications of Wiens' message are profound. The traditional metrics of success -- teaching evaluations, grant dollars won, and peer-reviewed journal papers published -- are not enough. Metrics of conservation action are acres conserved, habitats restored, populations protected, and land use conversions that did not result in polluting our waterways or nibbling away natural habitats.

The messages we received in Syracuse reinforce one thing for me -- landscape ecology and landscape ecologists play an essential role in the sustainable stewardship of our earth's ecosystems. What discipline has all the ingredients of sustainable stewardship under one roof: the theory, the core principles, the commitment to the scientific method, the human dimension, and the integration of ecology with landscape scale planning and design? It is our discipline, landscape ecology.

Speaking of the human dimension of landscape ecology, meetings do not spontaneously happen! Jim Palmer and his colleagues at SUNY-ESF did a magnificent job of hosting the 2005 Symposium. George Hess and Frank Koch at North Carolina

State University put together an awesome program. The technical sessions, venue, meals, and social events were wonderful. Janet Silbernagel and the Awards Committee did an excellent job organizing the awards program. Jack Liu and Anita Morzillo outdid themselves with another cohort of superb NASA-MSU Fellows. Nancy McIntyre and the Nomination Committee presented a terrific slate of candidates for officers. Thanks to Rebecca Kennedy and Matt Gregory, our US-IALE web wonks, we had on-line voting this year. Because of the ease in voting, we received a 300% increase in votes cast this year compared to previous elections using paper ballots. The student programs were a success this year thanks in large part to the organizational skills of Ashton Drew and Matt Luck. Sam Riffell and the Foreign Scholars Travel Award Committee made it possible for Pavel Ktitorov from the Russian Federation to attend the Syracuse meetings.

I want thank our outgoing officers Nancy McIntyre (Councillor at Large) and Ashton Drew (student rep) for their dedication and commitment to US-IALE. They served you well! I also want to welcome our new Chair Elect -- Bob Gardner, our new Councillor at Large -- Pat Zollner, and our new Student Rep -- Kimberly Mattson. Bob Keane was reelected to serve another term as Secretary. David Mladenoff completed his tour of duty as Editor in Chief of the *Journal Landscape Ecology*. Jingle Wu from Arizona State University takes over as Editor in Chief. David -- thanks! Jingle -- welcome!

Before I sign off, be sure to mark your calendars. The dates are March 28 to 1 April 2006, the place is the Bahia Resort Hotel on the water in Mission Bay San Diego, and the occasion is the 21st Annual Symposium of US-IALE. Local host Janet Franklin and Program Chair Sarah Goslee are putting together a conference you don't want to miss. If you value scholarship, camaraderie, Mexican food, sun, and the Pacific Ocean you want to plan on joining us in San Diego.

Message from the new Chair-elect

Bob Gardner, Chair-elect

It is an honor and privilege to be selected as President-elect of IALE. Our young organization has had only 10 presidents to date, but these individuals have done a remarkable job of founding US-IALE and promoting the science of landscape ecology in North America. It will be a challenge to maintain their commitment and enthusiasm and continue their efforts to promote our organization.

While reviewing these excellent examples of leadership, I discovered in my files a copy of the first program IALE held at the University of Georgia in January of 1986. This excellent meeting was ably organized by Monica Turner and Frank Golley, setting a high standard for US-IALE meeting. There were 90 registered participants, allowing the events to be organized around non-overlapping plenary presentations and contributed sessions. I still remember enjoying discussing this "new science" with Richard Forman, Paul Risser, Joan Nassauer, Dennis Knight, Virginia Dale, Bruce Milne, Gus Shaver, among others.

The talks presented were timely and timeless. For instance, Vern Meentemeyer presented a paper on scale effects in landscape disturbance; Monica Turner discussed fire and grazing effects in a Georgia barrier island while David Foster presented an analysis of disturbance regimes and postglacial landscape development in Labrador. And then there was a remarkable lecture by Forest Stens regarding species survival in agricultural landscapes.

David M. Sharpe, elected as the first president of IALE at this meeting, was also there. David is no longer involved in landscape ecology but had produced in 1981, along with Robert Burgess, what I regard as the 1st most significant North American book on landscape ecology: "Forest Island Dynamics in Man-Dominated Landscape" (Springer, New York).

The state of landscape ecology in 1986 was that of a new science with a strong foundation, broad perspective, but with weak tools and methods for discovery and analysis. Remote sensing and GIS were expensive, highly specialized technologies. The time-consuming, hand analysis of aerial photography was still the standard approach for broad-scale studies. But the excitement of Forman and Godron's "new" text was a clear harbinger of the explosion of activity about to begin.

As we begin the 3rd decade of US-ALE we find that the foundations of landscape ecology are robust, that many spatial variables are widely measured, that tools for analysis are inexpensive, and that the results of landscape studies are published in a broad spectrum of outlets. Peter August has acknowledged these trends and affirmed US-IALE's central role as a 'nexus' for landscape ecology—a place where cross-disciplinary meetings and discussions can and will occur. I believe that our challenge is also to encourage and promote scientific synthesis—the combining of diverse disciplines into a coherent whole. Although the number and diversity of landscape studies continues to grow, continued synthesis is required if our science is to mature. I look forward to the 21th meeting of US-IALE in San Diego, whose theme is the land-sea interface, as a forum to explore the process of analysis and synthesis uniquely required by landscape ecologists.

Student News and Notes

*Matt Luck, Kimberly Mattson,
and C. Aston Drew*

Last year's student representatives formed an Ad-Hoc Student Committee to increase student input and involvement in US-IALE activities. In its first year, this committee has successfully managed student-related programs at the Syracuse meeting, recruited members, and is now planning for the 2006 annual meeting. For those of you new to US-IALE, our goals are to assist in developing and coordinating student programs at the annual conference (presentation awards, career forums, mentor lunch, social), identify funding opportunities to support

student travel to US-IALE meetings, and improve communication between student members, the Executive Committee, and the broader professional membership.

One of our first tasks was to develop a Student Forum website (<http://www.usiale.org/students/>) in which students may discuss pertinent landscape ecology topics, provide feedback on the annual meetings, and provide suggestions/comments on student-related activities within US-IALE. This website may be used to discuss research methods, ethics, graduate programs, and broader ecological topics. There is no listserv serviced by the forum, so active participation is necessary. If you are interested in joining the dialogue or the subcommittee, please sign-up at <http://www.usiale.org/students/profile.php?mode=register> or contact the student representatives.

At the 2005 Annual Symposium in Syracuse, we offered three student programs: student evaluations, the student social, and the student-mentor lunch. Although these programs are student-centered, success required active participation of senior members for success. We are working with members to improve student programs at our annual meetings.

The student feedback program is intended to provide a way for students to receive feedback on their presentation without the pressure of competing in the award program. The weak performance of this program in past years was the first challenge tackled by the new Student Ad-Hoc Committee (view or join their discussion posted in the Student Forum). Their discussions and recommendations led to several changes in the way the program was implemented. These changes were a resounding success. While none of the student participants received evaluator feedback in Las Vegas, all registered participants in Syracuse received helpful comments.

The student social was well attended, and lots of networking took place. Despite our larger crowd, we only used half of the money allotted to the students. Although we took advantage of a great price for food and drink, holding the social at a bar presented some issues with undergraduates. We will take this into account for the 2006 meeting.

The student-mentor lunch was a huge success. We had 22 students paired with 14 mentors. We received a lot of feedback that both the students and mentors learned a lot, and a great time was had by all. If you are interested in serving as a mentor for the 2006 meeting, please let us know.

Congratulations to Kimberly Mattson, who was elected in Syracuse to be the US-IALE student representative for the next two years, joining Matt Luck. She is a Ph.D. student at Virginia Tech studying impact assessment in freshwater systems. And finally, we all owe a huge thanks to Ashton Drew, who completed her term in office and has contributed much to the organization and energy of the US-IALE student members as well as to the US-IALE Executive Committee.

Treasurer's Report

Mary Santelmann

Summer is generally a quiet time in the Treasurer's office. The fall membership drive has not yet begun, the dust has settled from the annual symposium, and money is just trickling in and only the occasional bill needs to be paid. The shoe box is full of envelopes whose contents can wait to be filed. I generally do a quarter's end update at the end of June and the end of September, then gear up for fall. However, for those who missed the Treasurer's Report at the annual meeting, here's a recap:

The financial outlook for US-IALE continues to be similar to past years. There are four developments of note from the treasurer's office this past year.

1) We have initiated an online membership renewal option, allowing members to use their credit cards for membership and donations, with electronic fund transfers to our US Bank account. We have had some increased costs associated with this process, which are shown in our revised budget for 2004-2005 under WWW expenses.

2) I have agreed to remain in the office of treasurer for another term in order to make sure we have a year or two of experience with the online member-

ship process by someone familiar with the treasurer's duties before transferring the office, so that I can catch any glitches that might occur.

3) Low-balance accounts at Liberty Bank in Connecticut (basically all our savings accounts there were low-balance, with < \$10000) no longer accrued interest after April 2003. The Executive Committee voted in 2003 to close these accounts and transfer funds to the CD for the SAF, which still accrues some interest (current balance is about 20K). We are still keeping track in the societies' financial records of what portion of the CD is allotted to the SAF (about 75%) and what part are funds that essentially belong in the general fund (about 25%). Note that all of the money in the FTF (\$3802.77) was actually "owed" to the society to cover the \$4000 in travel awards paid to the four 2003 award recipients, thus none of the funds in the CD belong to the FTF.

4) In 2003 the executive committee decided that an annual budget should be approved by the Executive Committee for each year at the annual meeting.

The final budget for 2004-2005 is shown below.

Respectfully submitted by:
Mary Santelmann, Assistant Professor
Treasurer, US-IALE
Department of Geosciences
Oregon State University
Corvallis, OR 977331-5506

Annual Budget for 2004 and 2005

| | 2004 | 2004 | 2005 |
|--|------------------|----------------|------------------|
| <u>Income</u> | <u>Projected</u> | <u>Actual</u> | <u>Projected</u> |
| Dues | | | |
| Regular | \$6,000 | \$8,460 | \$8,550 |
| Student | \$2,000 | \$2,540 | \$2,340 |
| Dues Total | \$8,000 | \$11,000 | \$10,890 |
| Donations | \$200 | \$1,095 | \$1,000 |
| List rental | \$400 | \$382 | \$400 |
| Interest | \$250 | \$205 | \$200 |
| LE subs | \$1,500 | \$2,400 | \$1,260 |
| FTF Book Auction | \$1,000 | \$1,014 | \$1,000 |
| <u>Symposia</u> | <u>\$5,000</u> | <u>\$4,245</u> | <u>\$0</u> |
| Grand Total | \$16,350 | \$20,341.00 | \$14,750 |
| <u>Expenses</u> | | | |
| portion of online bank cost subtracted | | \$240 | \$500 |
| Dues | | | |
| Regular | \$4,000 | \$5,640 | \$5,700 |
| Student | \$1,000 | \$1,270 | \$1,170 |
| Total | \$5,000 | \$6,670 | \$6,370 |
| Operating expenses | | | |
| Memb. Sec. | \$3,500 | \$2,322 | \$2,500 |
| Web host, webmaster | \$3,500 | \$4,155 | \$4,000 |
| Authorizn. Fee etc. | \$0 | \$1,045 | \$1,100 |
| LE subs | \$1,500 | \$2,400 | \$1,260 |
| Misc. expenses | \$0 | \$176 | \$300 |
| Awards,plaques | \$200 | \$194 | \$200 |
| ExecComm. Expenses | \$500 | \$0 | \$700 |
| Sub- Total | \$14,200 | \$16,962 | \$16,430 |
| Symposium | | | |
| Advance to future symposia | \$0 | \$5,950 | \$0 |
| Student Assoc. | \$1,020 | \$909 | \$1,000 |
| FTA | \$2,000 | \$1,000 | \$1,000 |
| Student Travel Awd. | \$500 | \$500 | \$0 |
| Sub Total | \$3,520 | \$8,359 | \$2,000 |
| Grand Total | \$17,720 | \$25,321 | \$18,430 |
| Income -Expenses | -\$1,370 | -\$4,980 | -\$3,680 |

2006 Symposium

Janet Franklin

US-IALE 2006 Annual Symposium in San Diego, California, March 28 - April 1, 2006, at the Bahia Resort Hotel.

The United States Regional Association of the International Association for Landscape Ecology (US-IALE) will hold its 2006 annual symposium in San Diego California from Tuesday March 28 to Saturday April 1, 2006. The meeting will be held at the Bahia Resort Hotel in the Mission Beach area of San Diego. Preconference workshops and business meetings on Tuesday will be followed by plenary and concurrent sessions on Wednesday, Thursday morning, and Friday. Field trips will be on Thursday afternoon and Saturday (post-conference).

The Local Organizing Committee Chair for the meeting is Janet Franklin, Department of Biology, San Diego State University. A meeting Web site is under construction and will be available by Summer 2005. Please check the US-IALE Web page (<http://www.usiale.org/index.htm>) for a link to the meeting Web site. If you have any questions please send email to Janet Franklin (janet@sciences.sdsu.edu).

Awards

Jan Silbernagel

The recipients of the 2005 Awards were announced at the annual banquet in Syracuse last March.

Distinguished Landscape Ecologist Dr. Ronald Pulliam

This award is a prestigious honor given to recognize distinguished scientific contributions to the field of landscape ecology. We elected to recognize Dr. Pulliam for his broad intellectual leadership and his personal achievements in the science and practice of landscape ecology.

Over the last decade, Dr. Pulliam has been heav-

ily involved in both theoretical and field studies of population dynamics in complex landscapes. His pioneering work on source-sink and population dynamics in heterogeneous landscapes (*American Naturalist*, 135: 652) has been cited more than 1,110 times in journal articles alone.

He was one of the principal organizers and authors of the historical Sustainable Biosphere Initiative (*Ecology* 72: 371). Dr. Pulliam has put incredible efforts to bring science into decisions concerning the protection of endangered species, and he co-authored a paper on this topic with Secretary of the Interior Bruce Babbitt (*Science*, 275:499).

Distinguished Landscape Practitioner David Hulse

This award is given to recognize contributions in the application of the principles of landscape ecology to real-world problems.

For the past two decades David Hulse's applied research has centered on the creation and application of tools and methods which seek to make landscape complexity more comprehensible, and to lead to scientifically-grounded land use decisions more open to input from those people whose lives are affected by these decisions. This approach has come to be known as "alternative futures analysis", and is becoming more widely embraced and employed by governmental agencies and organizations from national to local levels.

Distinguished Service to Landscape Ecology Dr. David Mladenoff

The award for Distinguished Service 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 initiated, saved or otherwise promoted US-IALE in an unusual manner and thus deserves special recognition.

The Awards committee agreed that Dr. Mladenoff has provided leadership and excellent service to the organization and to the discipline! In addition to being editor of *Landscape Ecology* journal for

the past 5 years, his tremendous contribution to the discipline through teaching and mentoring, co-editing an important volume on Spatial Modeling and Forest Landscape Change, and service on numerous committees and review panels has been significant.

Outstanding Paper in Landscape Ecology (2003-04)

Farhig, Lenore. 2003. Effects of habitat fragmentation on biodiversity. *Annual Review of Ecology, Evolution, and Systematics* (2003, vol. 34: 487-515).

This paper provides an eloquent synthesis & critique of the use of habitat fragmentation terminology in ecological studies, compared with habitat loss.

Outstanding Paper in Landscape Ecology (2003-04) Honorable Mention

Remmel, T.K. and F. Csillag. 2003. When are two landscape pattern indices significantly different? *J Geograph Syst* 5:331–351

This paper represents an important step forward in quantitative analysis of landscape patterns.

2004 Best Student Presentation

Awards for Best Student Presentation 2004 were made to:

Brad McRae – School of Forestry, Northern Arizona University

For his oral presentation, “Integrating landscape ecology and population genetics: new tools from circuit theory.”

2004 Best Student Presentation Honorable Mention

Don Falk – Laboratory of Tree Ring Research, University of Arizona

For his oral presentation, “Event area relationships: scaling rules for fire regimes.”

2005 Best Student Presentation

2005 Student Awards

This year 13 students registered to have their papers or posters considered and 20 judges evaluated the student presentations (at least 3 reviews per student) during the Annual Symposium in Syracuse. The Awards committee is pleased to announce the student awards below.

Best Student Presentation - 2005

Yolanda Wiersma

Beta-diversity and reserve design in Canada (oral)

Honorable Mention Student Presentation – 2005

Alicia Ellis

Linking individual movement to population level processes in tree hole mosquito systems (oral)

Yolanda will receive a \$500 cash award for Best Student Presentation. Both Yolanda and Alicia will be formally recognized at the 2006 US-IALE symposium in San Diego. We hope they will both attend!

Many thanks to all the student participants and especially to the judges who make the student award program possible: Don Bragg, Tenley Conway, Diane Debinski, Richard Flamm, Sarah Goslee, Eric Gustafson, Hong He, Louis Iverson, Ed Laurent, Chao Li, Scott O’Daniel, Sam Riffel, Rob Scheller, Lisa Schulte, Janet Silbernagel, Victoria Sork, Sandra Turner, Helene Wagner, Wayne Wilkerson, and Kimberly With.

---the 2005 US-IALE Awards Committee
Jack Ahern, Geoff Henebry, Margaret Livingston, Pat Zollner, & Janet Silbernagel (chair)

Message from the Editor – Landscape Ecology

Jingle Wu

Dear Readers of *Landscape Ecology*:

There has been a significant delay in the publication of the 2005 issues of *Landscape Ecology*. Although the first three issues for 2005 are now online, printed copies are still in production. The sole reason for this delay was a suite of technical problems which were caused by the merger of Kluwer (former publisher of *Landscape Ecology*) into Springer (current publisher of *Landscape Ecology*). As the new Editor-in-Chief of the journal, I have been communicating with the publisher constantly since February 2005, and this delay has been very frustrating for me and the Publisher. *Landscape Ecology* was not the only journal that suffered this serious delay. I sincerely apologize to the subscribers and readers of the journal, and appreciate your patience and understanding.

The good news is that the first three issues are now in print and will be mailed shortly, and the even better news is that, once the new Springer system is in place, the journal will enjoy a higher standard of quality. So, the future of the journal is bright. Also, I am pleased to report that the impact factor of *Landscape Ecology* in 2004 rose to 2.092, a big jump from 1.08 in 2003. The unexpected sharp decline of the impact factor in 2003 was more than likely due to the delay in the publication of several issues between 2002 and 2003. However, with an increasing number of high-quality manuscripts being submitted to the journal, I am confident that the journal will continue to rise in its academic reputation and influence in the years to come.

Landscape Ecology is the flagship journal of International Association for Landscape Ecology (IALE), and may also be regarded as a performance indicator of the field of landscape ecology. The articles published in the journal reflect what landscape ecologists do and how well they do it. Therefore, all of us as landscape ecologists are responsible for continuously improving the quality of the journal and

making it truly one of the best in ecological and interdisciplinary sciences. Working together, we can achieve this goal, and we will.

Again, I greatly appreciate your patience and understanding, and thank you for your continued support for the journal. Please consider submitting your next great manuscript to *Landscape Ecology*! Should you have any comments or questions regarding the journal, please don't hesitate to let me know.

Sincerely yours,

Jianguo (Jingle) Wu
Editor-in-Chief of *Landscape Ecology*
Professor of Ecology, Evolution, &
Environmental Science
School of Life Sciences, Arizona State University
Tempe, AZ 85287-4501, USA
Email: Jingle.Wu@asu.edu
Web: <http://LEML.asu.edu/>



Nominating Committee

Nancy McIntyre

Many thanks to the members of the US-IALE Nominating Committee—Joan Nassauer, Janet Silbernagel, Sandra Turner, and Dean Urban—for coming up with names to form a great slate.

The vacant offices and candidates for each were:

Chair-elect: Robert Gardner
Bruce Jones

Secretary: Bob Keane

Councillor-at-Large: Sam Riffell
Pat Zollner

Thanks also to the Student Representatives—Ashton Drew and Matt Luck—for putting together a great slate for the Student Representative vacancy:

Student Rep.: Alicia Ellis
Kimberly Mattson

And a BIG thank you to all of the people contacted who agreed to run for office!

Slates were finalized by 10 February 2005; results were announced at the US-IALE Banquet on 15 March 2005. This election marks the first time that US-IALE used on-line voting; paper ballots were also provided at the Syracuse meeting. Kudos to Matthew Gregory and Rebecca Kennedy for developing the on-line voting website. On-line voting was available as of 23 February and closed on 13 March. Members were notified of on-line voting via the listserv (Pete August) and membership list (Nancy Castro). On-line voting was extremely successful in increasing voter turnout.

Election results:

Chair-elect: Robert Gardner

Secretary: Bob Keane

Councillor-at-Large: Pat Zollner

Student Rep.: Kimberly Mattson

In 2006, we will have 4 vacancies: 1 Treasurer, 2 Councillors-at-Large, and 1 Student Representative.

Important Elections

Bob Keane

It's time to select a new IALE Vice President

Members of US-IALE, you have until August 1st to vote for the two Vice President positions for the IALE Executive Committee 2005-2009. CVs for each of the five candidates have been distributed in the IALE Bulletin, Vol. 23 no. 3 and are available on the Internet at: ftp://ftp.wsl.ch/pub/kienast/iale/bulletin23_3.pdf

To support the regional nature of IALE, the two VP positions and their candidates have been divided as follows:

Position 1

- Sandra Luque (Latin America)
- Bruce Jones (USA)

Position 2

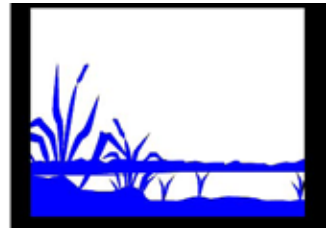
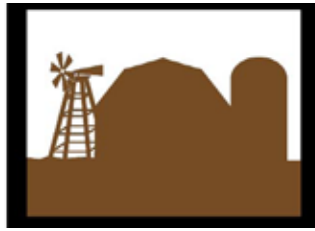
- Maria Kozová (Slovakia)
- Ingrid Sarlöv-Herlin (Sweden)
- Duncan Mc Collin (UK)

Download a voting ballot from:

<ftp://ftp.wsl.ch/pub/kienast/iale/electionvp05.doc>

Instructions for submitting your vote are on the ballot.

All votes must be received before 1 August.



Peter V. August, Chair
 Dept. of Natural Resources Science
 University of Rhode Island
 Kingston, RI 02881
 401-874-4794
pete@edc.uri.edu

Robert H. Gardner, Chair-elect
 University of Maryland Center for
 Environmental Studies
 301 Braddock Rd.
 Frostburg, MD 21532
 301.689.7125
gardner@al.umces.edu

Robert E. Keane, Secretary
 Rocky Mountain Research Station
 P.O. Box 8089, 5775 W. Highway 10
 Missoula, MT 59807
 406-329-4846
rkeane@fs.fed.us

Mary V. Santelmann, Treasurer
 Dept. of Geosciences, 104 Wilkinson Hall
 Oregon State University
 Corvallis, OR 97331
 541-737-1215
santelmm@onid.orst.edu

Nancy Castro,
 US-IALE Membership Secretary,
 Appalachian Laboratory
 301 Braddock Rd.
 Frostburg MD 21532
ncastro@al.umces.edu

Matt Luck,
 Student Representative
 Department of Biology
 University of New Mexico
 Albuquerque, NM 87131
 505-277-2686
mluck@unm.edu

Kimberly M. Mattson
 Student Representative
 Dept. of Fisheries & Wildlife
 101 Cheatham Hall
 Virginia Polytechnic Institute and State University
 Blacksburg, VA 24061
 540.231.3643
mattsonh@vt.edu

Councillors-at-Large:

Nancy E. McIntyre
 Department of Biological Sciences
 Texas Tech University
 Lubbock, TX 79409-3131
 806-742-4113
nancy.mcintyre@ttu.edu

Patrick Zollner
 North Central Research Station
 Forestry Sciences Laboratory
 5985 Hwy K
 Rhinelander, WI 54501
 715.362.1150
pzollner@fs.fed.us

Jianguo (Jack) Liu
 Department of Fisheries and Wildlife
 Michigan State University
 East Lansing, MI 48824
 517-355-1810
jliu@panda.msu.edu

Kurt H. Riitters
 US Forest Service
 Forest Health Monitoring
 Research Triangle Park NC 27709
 919-549-4015
kriitters@fs.fed.us

US-IALE

United States Regional Association of the International Association for Landscape Ecology
2006 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, 2006, 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:
2006 Regular Member (\$45.00) \$ _____
2006 Student Member (\$30.00; 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.

It is NOW possible to join/renew online at <http://www.usiale.org/membership.htm>

*US-IALE only processes subscriptions to *Landscape Ecology* for student members. Regular members can subscribe through the Kluwer Publishing homepage for *Landscape Ecology* (www.wkap.nl/journalhome.htm). You must be a member of IALE to receive member subscription rates from Springer.