



中華海外生態學者協會

Sino-Ecologists Association Overseas

Message from the President

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The Dear Sino-Eco members and friends:

In recent years, Sino-Eco has emerged as a powerful force for promoting ecological information exchange and collaborations with our fellow ecologists from China. Our members are making important contributions to the development of ecological science in China. I especially appreciate the work by our last committee under Dr. Changhui Peng's leadership. I hope this trend will continue with your strong supports.

With the economic booms in China, ecological and environmental problems have become the controlling factors likely limiting the further economic advancements and ecological sustainability. There are many things we can do to help China in solving these problems. This committee is dedicated to promoting unity among our Sino-Eco members and to the integration of ecological science, policy and environmental decision-making process in China. We value your suggestions and actions for these tasks and other issues related to the health of our Sino-Eco and to the collaboration in academic research, education and information exchanges with China.

I am pleased to announce the Executive Committee for the 2006-2008 term. This is an exciting committee which consists of a group of ecologists with diverse backgrounds. Their experience, talent and love for the Sino-Eco will help our community move forward. Please see the announcement on our web site for their qualification and contribution to the Sino-Eco society.

The ESA annual meeting is around the corner. Sino-Eco will organize its traditional get-together right after the ASE section meeting on Wednesday around 7:30 pm. Several ecologists from China will be in the meeting too. If you have any suggestions for activities, or if you are residing in or familiar with the state of Tennessee (Memphis area in particular), please contact me. The deadline for the early bird registration will be 5 pm on June 16, 2006.

We look forward to our members' support. We welcome any individual with Chinese origin and at least one year of overseas professional in ecological fields, willing to recognize and follow the bylaws and paying the membership dues, to become our member. The Regular and Student Membership dues for those in developed countries are \$10 and \$5 respectively; while in developing countries they will be \$5 and waived respectively. For your convenience, you can pay dues for multiple years in advance. Please visit our website (<http://sino-eco.org/>) for more information about Sino-Eco.

Thank you for your time and supports.

Sincerely,

Ben Gu, Ph.D.

President, Sino-Eco

Executive Committee

President/Committee Chair

Dr. Ben Gu

(South Florida Water Management District)

Vice President

Dr. Yiqi Luo

(U of Oklahoma)

Science & Policy Coordinator

Dr. Qinqin Liu

(CA Dept of Fish and Game)

Public Relation

Dr. Weixing Zhu

(Binghamton University)

Newsletter/Web Editor:

Dr. Frank Chang

(Las Vegas Valley Water District)

Treasurer

Dr. Hong Liu

(U of Florida/USDA)

Past President

Dr. Changhui Peng

(U of Quebec at Montreal)

News

Shili Miao, Senior Supervising Scientist, Everglades Division, South Florida Water Management District, FL and **Susan Carstenn**, Assistant Professor of Environmental Science, Hawaii Pacific University, Kaneohe, HI have co-authored a guest editorial for the recent ESA's *Frontiers in Ecology* entitled "A new direction for large-scale experimental design and analysis". Sino-Eco web site will feature this guest editorial both in English and in Chinese.

Keping Ma has recently been appointed the Director of Beijing Institute of Botany, CAS. Former Sino-Eco president, Dr. Xingguo Han, stepped down from the post after 8-year service as the director. We would like to congratulate Keping's new appointment and appreciate Xingguo's past achievements. We look forward to the long-lasting collaborative relationship between Sino-Eco and Beijing Institute of Botany.

Member's Profile: Bai-Lian Larry Li

Larry Li, Professor and Director of Ecological Complexity and Modeling Lab, Department of Botany and Plant Sciences, University of California at Riverside, is also affiliated with UCR's Dept. of Mathematics, Dept. of Statistics, Center for Conservation Biology, and Center for Plant Cell Biology. He is the Editor-in-Chief for *Ecological Complexity*.

Larry Li chairs the International Scientific Committee of EcoSummit 2007, Beijing, May 22-27, 2007. For details, see

<http://www.ecosummit2007.elsevier.com/index.htm>

Larry Li was invited by the Tyler Prize Executive Committee to attend the 33rd Tyler Prize for Environmental Achievement Awards Ceremony and Dinner at Four Seasons Hotel, LA, on April 28, 2006. The 2006 Tyler Prize Laureates are Dr. David W. Schindler (Canada) and Prof. Igor A. Shiklomanov (Russia). "The Tyler Prize is the single most important global recognition for environmental achievement!" (Robert M. White, former President of the National Academy of Engineering)

Larry Li was invited to give a University Colloquium Lecture on ecological complexity at University of Lecce, Italy on May 10, 2006, and another one at German-Italian Center, Villa Vigoni, Lake Como, Italy on May 17, 2006.

Larry Li received French 'University Professor' award in applied mathematics (mathematical biology), and will lecture at Le Havre University (Northwest of Paris) for two weeks in the second half of June 2006.

Hot Links

Recommended by Hong Qian:
New Threads: <http://www.xys.org/>

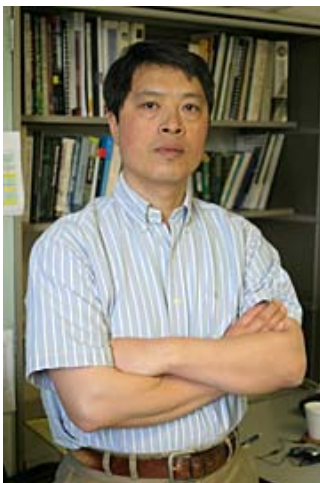
Recommended by Ben Gu
Forum for Biodiversity: <http://planta.cn/forum/index.php>

Ecological Society of China: <http://www.esc.org.cn/gb/index.html>

China ecological research network:
<http://www.cern.ac.cn/5lwycb/index.asp?page=5>

China Environ/Ecological Web: <http://www.eedu.org.cn/index.shtml>

Dr. Shujin Hu at North Carolina State University has recently been promoted to associate professor with tenure.



Dr. **Jiquan Chen** received "Outstanding Faculty Research Award" from the University of Toledo. "Dr. Chen is emerging as an international leader in ecology," wrote a nominator. See details at: http://utnews.utoledo.edu/publish/article_2632.shtml

News

Special Issue of Frontiers

A Special issue of Frontiers on Ecology and Environment on China will be published soon.

ESA Chinese Website Launched

The ESA has recently reached an agreement with the Chinese Government to make all ESA journals accessible to institutions in China. A Chinese version of ESA website is now available at <http://www.esachina.cn/>. Interested members please visit the website.

Translation of Table of Contents of ESA Journals

Chinese Journal of Plant Ecology is organizing a task force, consisting of mostly graduate students, to translate the table of contents of ESA journals into Chinese language.

Translation of Issues in Ecology

Asian Ecology Section and Sino-Ecologists Association Overseas are translating several documents from Issues in Ecology into Chinese which will be posted in the ESA website soon. Dr. Shili Miao, chair of ESA-AES, is organizing this effort. Dr. Jianguo Wu, Ben Gu and Chris Zou, all Sino-Eco members, are contributing to the translation efforts.

(contributed by Shili Miao and Ben Gu)

From the Editor

The next issue of Sino-Eco newsletter will be published after the ESA annual conference. It is time to think ahead and send in your contributions.

We welcome your continued contribution on:

1. News from our members such as relocation, graduation, award received and promotion etc. And major recent ecological / environmental events from China and around the world;
2. Reports from meeting/workshop/conference/field trip;
3. Recent publications;
4. Ecological photography/literature (photos and essays);
5. Announcements.
6. Professional development, job announcement and interview techniques, etc.

Web site development and enhancement is also underway.

We are looking for volunteers to work on the newsletter and website enhancements. If you are interested, please send me an email at fchang@sino-eco.org. I am sure it will be a fulfilling experience where you can learn new skills while helping the Sino-Eco community.

Frank Chang

Newsletter and Web Editor



Volcano Eruption Seen from the Space

The Three Gorge Dam, recently completed, Seen from the Space



Ben Gu:

1. Gu, B. and M. V. Hoyer. 2006. Environmental conditions in natural aquatic systems dominated by submerged aquatic vegetation in Florida Lake and Reservoir Management. 21:403-410.
2. Gu, B., A. Chapman and C.L.Schelske. (in press). Factors controlling seasonal variations in stable isotope composition of particulate organic matter in a softwater eutrophic lake. *Limnology and Oceanograph*.
3. Gu, B. 2006. Ecological effects of a submerged aquatic invasive plant (*Hydrilla verticillata* (L.F.) Royle) on phosphorus removal in Florida's shallow lakes and wetlands: implication for invasive species management. *Biological Invasions*. (in press).

S. Hu:

1. Tu C, Booker FL, Watson DM, Chen X, Ruffy TW, Shi W, & Hu S. 2006. Mycorrhizal mediation of plant N acquisition and residue decomposition: Impact of mineral N inputs. *Global Change Biology* 12, 793-803.
2. Tu C, Louws FJ, Creamer NG, Mueller JP, Brownie C, Fager K, Bell M, & Hu S. 2006. Responses of soil microbial biomass and N availability to transition strategies from conventional to organic farming systems. *Agriculture, Ecosystems & Environment* 113, 206-215.
3. Tu C, Ristaino JB & Hu S. 2006. Soil microbial biomass and activity in organic farming systems: Effects of organic inputs and straw mulching. *Soil Biology & Biochemistry* 38, 247-255.
4. Hu S, Wu JS, Burkey KO, & Firestone MK. 2005. Plant-microbial N partitioning under elevated atmospheric CO₂ in two mesocosm experiments with annual grasses. *Global Change Biology* 11, 213-223.
5. Zhang W, Parker KM, Luo YQ, Wan S, & Hu S. 2005. Soil microbial responses to experimental warming and clipping in a tallgrass prairie. *Global Change Biology* 11, 266-277.
6. Booker FL, Prior SA, Torbert HA, Fiscus EL, Pursley WA, & Hu S. 2005. Influence of elevated CO₂ and O₃ on soybean residue chemistry and decomposition. *Global Change Biology* 11, 685-698.
7. Chen X, Tang JJ, Zhi GY, & Hu S. 2005. Arbuscular mycorrhizal colonization and phosphorus acquisition of plants: Effects of coexisting plant species. *Applied Soil Ecology* 28, 259-269.
8. Chen X, Wu C, Tang JJ, & Hu S. 2005. Arbuscular mycorrhizae enhance heavy metal lead uptake and growth of host plants under a sand culture experiment. *Chemosphere* 60, 665-671.
9. Zhang WJ, Rui WY, Tu C, Diab HG, Louws FJ, Mueller JP, Creamer N, Bell M, Waggoner MG, & Hu S. 2005. Responses of soil microbial community structure and diversity to agricultural deintensification. *Pedosphere* 15, 440-447.
10. Zhang WJ, Zhu WX, & Hu S. 2005. Soil resource availability impacts microbial response to organic carbon and inorganic nitrogen inputs. *J. Environmental Sciences* 17, 705-710.
11. Jiang, Q.Q., J.J. Tang, X. Chen, J. Chen, R. Yang, and S. Hu. 2005. Influences of simulated nitrogen deposition on the growth and nitrogen uptake of weeds under controlled greenhouse. *Chinese Journal of Applied Ecology* 16, 951-955.
12. Yang, R.Y., J.J. Tang, J. Chen, Q.Q. Jiang, X. Chen, and S. Hu. 2005. Effects of elevated atmospheric CO₂ on AMF community colonized in roots of various species of plants. *Acta Ecologica Sinica* 26(1).

B. Larry Li:

1. Chen, X. and B. L. Li. 2005. Spatial distribution of forest biome energetics in China. *Forestry* 78 (5): 461-469.

2. Chen, X., C. W. Barrows, and B. L. Li. 2006. Is the Coachella Valley fringe-toed lizard (*Uma inornata*) on the edge of extinction at Thousand Palms Preserve in California, U.S.A? *The Southwestern Naturalist* 51(1): 28-34.
3. Makarieva, A. M., V. G. Gorshkov, and B. L. Li. 2006. Distributive network model of Banavar, Damuth, Maritan and Rinaldo (2002): critique and perspective. *Journal of Theoretical Biology* 239: 394-397.
4. Makarieva, A. M., V. G. Gorshkov, B. L. Li, and S. L. Chown. 2006. Size- and temperature-independence of minimum life-supporting metabolic rates. *Functional Ecology* 20: 83-96.
5. Morozov, A., S. Petrovskii, and B. L. Li. 2006. Spatiotemporal complexity of patchy invasion in a predator-prey system with the Allee effect. *Journal of Theoretical Biology* 238: 18-35.
6. Petrovskaya, N. S. Petrovskii, and B. L. Li. 2006. Biodiversity measures revisited. *Ecological Complexity* 3: 13-22.

Lixin Wang:

Wang, L., P.P. Mou and R.H. Jones. 2006. Nutrient foraging via physiological and morphological plasticity in three plant species. *Canadian Journal of Forest Research*, 36:164-173.
doi:10.1139/X05-239

Qiang Yu

1. Peiling Lu, Qiang Yu, Jiandong Liu, Xuhui Lee, 2006. Advance of tree-flowering dates in response to urban climate change. *Agricultural and Forest Meteorology* (in press).
2. Peiling Lu, Qiang Yu, Jiandong Liu, Qingtang He, 2006. Effects of changes in spring temperature on flowering dates of woody plants across China. *Botanical Studies*, 47:153-1613
3. Jiang Z. Y., Yu Q., Wang T. D., Sun X. M., Zhang R. H., 2006. Continuous wavelet transform and discrete multi-resolution analysis of surface fluxes and atmospheric stability. *Progress in Natural Science*, 16:403-409.
4. Quanxiao Fang, Qiang Yu, Enli Wang, Yuhai Chen, Guoliang Zhang, Jing Wang. Longhui Li, 2006, Soil nitrate accumulation, leaching and crop nitrogen use as influenced by fertilization and irrigation in an intensive wheat-maize double cropping system in the North China Plain. *Plant and Soil*. (DOI 10.1007/s11104-006-0055-7).
5. Xiao Wei, Qiang Yu, Gerald N Flerchinger, Youfei Zheng, Evaluation of SHAW model in simulating energy balance and profile of leaf temperature within maize canopy. *Agronomy Journal* 2006, 98:722-729.
6. Q. Yu, S. A. Saseendran, L. Ma, G. N. Flerchinger, T. R. Green, and L. R. Ahuja, Modeling a winter wheat-corn double cropping system using RZWQM and the RZWQM-CERES Hybrid, *Agricultural System* 2006, 89:457-477
7. Wu DR, Yu Q, H. Hengsdijk, Quantification of production potentials of winter wheat in the North China Plain. *European Journal of Agronomy* 2006, 24:226-235.
8. Li LH, Yu Q, Simulating the response of photosynthate partitioning during vegetative growth of winter wheat to environmental factors. *Field Crops Research* 2006, 96:133-141.
9. Jing Wang, Qiang Yu, Jun Li, Simulation of diurnal variations of CO₂, water and heat fluxes over winter wheat with a model coupled photosynthesis and transpiration. *Agricultural and Forest Meteorology*, (Special Issue of ChinaFlux, in press).

Job Opportunities

华南师范大学面向海内外公开招聘“长江学者”特聘教授、讲座教授

华南师范大学是国家“211工程”重点建设大学，为建设一支高水平的师资队伍，学校现面向海内外公开招聘“长江学者”特聘教授、讲座教授。招聘学科包括自然地理学、植物学。特聘教授一般具有博士学位，在教学科研第一线工作自然科学类原则上45周岁以下，特别突出和紧缺的人才，可适当放宽年龄要求；国外应聘者一般应担任高水平大学助理教授及以上职位或其他相应职位，胜任核心课程讲授任务；学术造诣高深，在科学研究方面取得国内外同行公认的重要成就；具有发展潜力，对本学科建设具有创新性构想和战略性思维，具有带领本学科在其前沿领域赶超或保持国际先进水平的能力；具有较强的团结协作、拼搏奉献精神 and 相应的组织、管理、领导能力，善于培养青年人才，注重学术梯队建设，能带领一支创新团队协同攻关。保证聘期内每年在我校工作9个月以上。

联系方式：广州华南师范大学人事处。邮编：510631

联系电话：86-20-85211059（平老师）86-20-85211053（张老师、韩老师）

传真：86-20-85213352 电子邮箱：pinggongbo.student@sina.com

Nanjing University面向海内外公开招聘“长江学者”特聘教授、讲座教授

Ecology Program of Nanjing University has opened recruitment of the distinguished young scientists for its Yangtze River Professors positions. For more information, visit the website of Personnel Department of Nanjing University (http://pd.nju.edu.cn/ndrenshi/d_showpage.jsp?isFirst=1&show_page_id=26) .

From: An Shuqing [Anshq@nju.edu.cn]

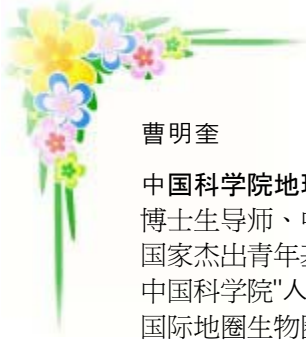
Ph.D. and M.S. Research Assistantships in Ecosystem and Regional Studies, Ecological modeling and Spatial analysis. **Auburn University**

We are encouraging highly motivated graduate students to join an interdisciplinary team for investigating coupled biogeochemical and hydrological cycles, and Ecosystem-Climate Interactions. Graduate students could work at a spectrum of spatial scales that range from landscape to watershed to region by using a combination of field studies, ecosystem modeling and spatial analysis (GIS and Remote Sensing). The individuals will participate in several projects funded by NASA, DOE, EPA and others, and be able to function well within a multidisciplinary team. The successful candidates should possess a degree in ecology, meteorology, hydrology, soil science, forestry, geography, or related fields. The annual salary is \$17,800 for a PhD candidate and \$15,230 for a MS candidate. The Graduate Research Assistants will be awarded Tuition Fellowships as well. Interested applicants should send a cover letter outlining their qualifications, resume, copies of transcripts, TOFEL, GRE scores, and contact information for three references to Dr. Hanqin Tian, School of Forestry and Wildlife Sciences, 602 Duncan Dr., Auburn University, Auburn, AL 36849. Phone (334) 844-1059; E-mail tianhan@auburn.edu; Website: <http://www.sfw.sfw.auburn.edu/tian/>

SFWMD has several positions opened for

- STAFF ENVIRONMENTAL ANALYST, NATURAL RESOURCE MANAGEMENT DIVISION, ENVIRONMENTAL RESOURCE REGULATION DEPARTMENT, RESOURCE AREA: WATER RESOURCES. WORKSITE: MARTIN/ST. LUCIE SERVICE CENTER;
- LEAD ENVIRONMENTAL SCIENTIST, DATA EVALUATION AND REPORTING SECTION, WATER QUALITY ASSESSMENT DIVISION, ENVIRONMENTAL RESOURCE ASSESSMENT DEPARTMENT, WATER RESOURCES MANAGEMENT. WORK SITE: WEST PALM BEACH . The salary range is \$59,550.40 min., \$75,025.60 mid., \$105,040.00 max. DATE POSTED: 6/05/06.
- STAFF ENVIRONMENTAL ANALYST, ORLANDO SERVICE CENTER , SERVICE CENTERS , RESOURCE AREA: CORPORATE RESOURCES. WORKSITE: ORLANDO SERVICE CENTER . The salary range is \$42,307.20 min., \$53,310.40 mid., \$74,630.40 max. DATE OPENED: 05/23/06
- SENIOR ENVIRONMENTAL SCIENTIST, EVERGLADES DIVISION, WATERSHED MANAGEMENT DEPARTMENT, WATER RESOURCES MANAGEMENT. WORKSITE: WEST PALM BEACH . The salary range is \$53,996.80 min., \$68,036.80 mid., \$95,243.20 max. DATE OPENED: 5/10/06.
- SUPERVISING ENVIRONMENTAL SCIENTIST-SENIOR, COASTAL ECOSYSTEMS DIVISION, WATERSHED MANAGEMENT DEPARTMENT, WATER RESOURCES MANAGEMENT. WORKSITE: WEST PALM BEACH . The salary range is \$59,550.40 min., \$75,025.60 mid., \$105,040.00 max. DATE OPENED: 4/25/06

For details and application, visit: <http://www.sfwmd.gov/caree/prosopp.html>



Obituary

曹明奎

中国科学院地理科学与资源研究所创新基地研究员
博士生导师、中国科学院百人计划入选者
国家杰出青年基金获得者
中国科学院"人类活动与生态系统变化"创新团队项目首席科学家
国际地圈生物圈计划(IGBP)-国际全球环境变化人文因素计划(IHDP)--
世界气候研究计划(WCRP)和生物多样性计划(DIVERSITA)的核心计划--
全球碳计划(GCP)科学指导委员会委员、GCP亚洲区域办公室主任
中国科学院生态网络观测与模拟重点实验室学术委员会副主任。

1992年曾被英国皇家学会授予杰出研究奖
2005年荣获中国国家自然科学二等奖。

因病医治无效，于北京时间2006年2月7日3时20分在北京不幸逝世，
终年仅42岁。



潘晓玲

新疆大学副校长、博士生导师

国家重大基础研究发展规划973项目"中国西部干旱区生态环境演变与
调控研究"首席科学家

因病医治无效，于2006年3月14日在乌鲁木齐逝世，终年仅43岁。



悼曹明奎教授

噩信惊闻欲断魂，
中华北美痛失君。
五洲誉满遗宏作，
二度梅开唱绝音。
生态模型大尺度，
精英团队赤子心。
未酬壮志人去也，
顿使同仁泪溅襟。

- 滨河 -2/10/2006

大智若愚

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送明奎弟远行 如松

送潘晓玲博士远行

一缕霞光照绿洲，
人生何必到白头。
红颜边域多倾注，
粤女丽篇万古留。

- 滨河 -3/16/2006

玲珑才女晓天机人文

情系西域生态

南粤博士采肝胆春华

血润北疆旱田

-如松- 丙戌年二月十五

Upcoming Events

由中国生态学会污染生态学专业委员会、中国自然资源学会资源循环利用专业委员会（筹）、中国科学院沈阳应用生态研究所、安徽师范大学联合主办的**第二届污染生态学国际学术研讨会**将于2006年8月21-25日在中国安徽省芜湖市安徽师范大学召开。现向您发出会议邀请，具体通知内容查询<<http://www.ahnu.edu.cn/xinxi/out47.html>>。

Workshop on Asian Carps

A workshop entitled "The Invasive Asian Carps in North America: A Forum to Understand the Biology and Manage the Problem" will be held in Peoria, Illinois, USA on August 22-23, 2006. Prof. Zhitang Yu from the Institute of Reservoir Research, CAS, will give a keynote speech on the workshop. Sino-Eco member, Dr. Ben Gu, is an invited speaker. If interested, please visit the workshop website for further information: <http://www.waux.cerc.cr.usgs.gov/MICRA/Asian%20Carp%20Symposium.htm> (provided by Ben Gu)

The IASTED **International Conference on Environmental Modeling and Simulation** (EMS 2006) will be held from November 29 - December 1, 2006 at St. Thomas, US Virgin Islands. For detail, please visit the website: <http://iasted.org/conferences/home-556.html>

The World Urban Forum is a biennial gathering that is attended by a wide range of partners, from non-governmental organizations, community-based organizations, urban professionals, academics, to governments, local authorities and national and international associations of local governments. It gives all these actors a common platform to discuss urban issues in formal and informal ways and come up with action-oriented proposals to create sustainable cities. The third session of the **World Urban Forum (WUFIII)** will be hosted by the Government of Canada. It will take place in Vancouver, Canada, from 19 to 23 June 2006 and have as its main theme, Our Future: Sustainable Cities – Turning Ideas into Action.

www.unhabitat.org/wuf/

91st ESA Annual Meeting, August 6 - 11, 2006 • Memphis, Tennessee.

Sino-Eco will organize its traditional get-together right after the ASE section meeting on Wednesday, August 9 around 7:30 pm. Several ecologists from China will be in the meeting too. If you have any suggestions for activities, or if you are residing in or familiar with the state of Tennessee (Memphis area in particular), please contact Dr. Ben Gu at bgu@sfwmd.gov. The deadline for the early bird registration will be 5 pm on June 16, 2006.

JUNE 2006						
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AUGUST 2006						
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New Members

Yaoyang Yan
Ren Xu.