

# NEWSLETTER

SINO-ECOLOGISTS ASSOCIATION OVERSEAS

中華海外生態學者協會



Cover Photo: Half Dome Yosemite National Park (Photo by Charlie Huang).



Volume 37, Issue 1  
Feb 2024  
Edited by Muyang Lu  
[www.sino-eco.org](http://www.sino-eco.org)

Dear Sino-Eco members and friends,

Wishing you wellness and cheer, I am excited to share with you the very first issue of the 2024 series of the Sino-Ecologists Association Overseas (Sino-Eco) newsletter.

Since last October, we have hosted three “Sino-Eco Talks”. We first had Prof. Tong Qiu from Pennsylvania State University to present “*Understanding the regeneration potential of global forests in a rapidly changing environment*”. On last November, we were honored to host Prof. Kaiyu Guan from University of Illinois at Urbana-Champaign to present “*system-of-systems*” framework for quantifying field-level agricultural outcomes – SYMFONI”. Both professors provided insightful analysis and thought-provoking perspectives on ecological and agricultural research, which generated lively discussions and valuable knowledge exchange among our members. Additionally, our “Sino-Eco Talks” organized its first “Career Development Discussion”. Sino-Eco Executive Committee (EC) members, Charlie Huang, Songlin Fei, Lixin Wang, Mingzhen Lu, and Jiafu Mao shared their career development experience and introduced suggestions on job searching, interview, and career development. Their practical advice offered invaluable guidance to members at various stages of their professional journeys, empowering them to navigate the complexities of the job market with confidence and clarity. Sino-Eco also organized the 35<sup>th</sup> social gathering took place alongside the AGU Fall Meeting last December in San Francisco, CA. The event was marked by the presence of approximately 80 Chinese ecologists from various global institutions.

Looking forward to year 2024, Sino-Eco will continue to hold “Sino-Eco Talks” including those scientific seminars and “Career Development Discussion” from our precious members. We will also organize another in-person gathering on August 2024 in Long Beach, CA during the ESA Annual Meeting. Furthermore, the current tenure of the Sino-Eco Executive Committee will be valid until this August. We’ll call for our members, especially younger members, to engage in the new Sino-Eco leadership team. Your active participation will be crucial in shaping the future direction of our association. Please stay tuned.

As the Chinese New Year is on this coming Saturday, on behalf of the Sino-Eco EC, I want to thank you for your continued support and wish you “过年好”, and “龙年大吉”. We anticipate a year ahead filled with productive collaborations and notable achievements. I encourage you to spread the word and share this newsletter with your network.

Best Wishes,  
Jiafu Mao

**Executive Committee**

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**Jiafu Mao**

Secretary  
**Lifei Wang**

Treasurer  
**Qiuyan Yu**

Scholarship and Award  
Officer  
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**Shaopeng Wang**

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Yude Pan  
Changhui Peng  
Ge Sun  
Xiaohua Wei  
Jianguo Wu  
Bin Zhu**

# 2023 Sino-Eco Talks Highlights

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2023 Oct 03

**Understanding the regeneration potential of global forests in a rapidly changing environment**

<https://www.youtube.com/watch?v=5CLW4C3ux0s>

Dr. Tong Qiu  
Pennsylvania State University



2023 Nov 06

**A scalable "system-of-systems" framework for quantifying field-level agricultural outcomes – SYMFONI**

<https://www.sciencedirect.com/science/article/pii/S0012825223001514>

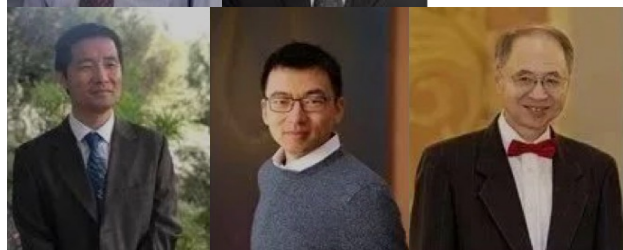
Dr. Kaiyu Guan  
University of Illinois Urbana-Champaign



2023 Dec 06

**Career Development Discussion**

Jiafu Mao, Songlin Fei, Lixin Wang, Mingzhen Lu, Charlie Huang







### 【七律.退休感怀】（新韵）

黄长志

留洋崎岖障碍挡，经风历雨满凄凉，  
幼时天祸难温饱，年少人灾废学堂。  
无灾不觉康为贵，有病才知健是贤。  
回家乐享夕阳美，摄影远足任我行。

黄长志现于加州政府资源署鱼类和野生生物厅任生态毒理科学家。他1977年恢复高考后考入进广州华南农业大学，1983年赴戴维斯加州大学学习，分别于1986年和1991年获生态学硕士博士学位。业余时间他爱好旅行摄影、乒乓球、唱歌。



## Sino-Eco Gathering at AGU 2023 | San Francisco, CA, United States

### Jiafu Mao

The 35<sup>th</sup> Sino-Ecologists Association Overseas (Sino-Eco) social gathering took place alongside the American Geophysical Union (AGU) Annual Fall Meeting on December 13<sup>th</sup>, 2023, in San Francisco, California. The event was marked by the presence of approximately 80 Chinese ecologists from various global institutions, orchestrated by Sino-Eco President Dr. Jiafu Mao and the former secretary, Dr. Jing Yuan.

Dr. Mao extended a warm welcome to both longstanding and newly joined members (about 40 people) of Sino-Eco. The gathering, which lasted for three hours, provided a valuable networking platform for seasoned and early-career ecologists. Discussions ranged from specific research endeavors to broader professional and lifestyle topics, celebrating the unique contributions and achievements within the Sino-Eco community.

Established in 1989, Sino-Eco is committed to advancing the careers of Chinese and Chinese-origin ecologists overseas by fostering a sense of community, offering mentorship, and enhancing professional collaboration opportunities. The association's diverse membership includes graduate students, academics, and professionals from various ecological disciplines, contributing to government and academic research across the globe.

Looking ahead, Sino-Eco's next annual meeting is scheduled for August 2024 in Long Beach, California. We invite our members to share this opportunity within their networks. Our aim is to expand our reach, uniting more members in our shared mission to advance ecological research and collaboration through Sino-Eco.

# Job opportunities



The Plant Ecology Group at ETH Zürich is seeking 1-2 postdoctoral candidates to develop a project exploring the drivers of climate-change induced range and community shifts. We are particularly interested in candidates that will take the lead on one of three projects requiring the synthesis and modeling of existing data within the group. The start date is summer of 2024, or before. We will start evaluating applications on December 4. For more information and to apply, please go to

<https://jobs.ethz.ch/site/index>



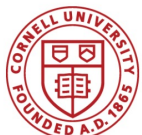
中山大学生态学院储诚进课题组招聘博士后

储诚进，中山大学生态学院教授，博士生导师。结合理论模拟模型、野外长期观测和室内控制实验，多尺度、跨营养级揭示影响生物多样性和生态系统功能的生物（包括土壤微生物、土壤动物、植食性昆虫、生物间互作等）和非生物因子。

目前在研国家自然科学基金委重点项目和“杰青”项目，以及国家重点研发计划课题。因研究工作需要，拟招聘博士后1-2名。

## 联系方式：

请将详细简历（含教育背景、研究兴趣、已发表论文等信息）通过电子邮件发送至：[chuchjin@mail.syu.edu.cn](mailto:chuchjin@mail.syu.edu.cn)（主题请注明“博士后申请-姓名”）。



We invite applications for a 9-month, full-time tenure-track position at the level of assistant/associate professor. The position will be 50% research and 50% teaching. The Department of Natural Resources and the Environment (DNRE) (<https://dnr.cals.cornell.edu/>) is a leader of sustainability science within the College of Agriculture and Life Sciences (<https://cals.cornell.edu>) at Cornell University due to our collective expertise in the environmental and social sciences and a strong program of transdisciplinary, engaged scholarship. We aim to build on this capacity by hiring a tenure-track assistant/associate professor whose work advances understanding of forest ecosystems.

<https://academicjobsonline.org/ajo/jobs/26799>



欢迎海内外杰出人才加盟：清华大学地球系统科学系招募高层次人才

地学系现在全球范围内招募以下高层次人才，包括助理教授、长聘或准聘副教授或正教授级别职位。这些职位将根据双方协商确定的时间开始，并将一直开放到招满合适的人选为止。

1. 鸟类种群生态学 2. 智能生态科学大数据 3. 实验生态学（全球变化影响机制研究方向） 4. 大气动力  
学与圈层相互作用 5. 大气化学与大气环境 6. 海洋资源可持续发展 7. 生态系统修复申请材料

申请材料包括：（1）个人简历（附论文列表）及一封综述信（包括自己的科研兴趣和教学设想、在清华大学的工作规划以及工作条件需求等）；（2）3~5篇代表性论文；（3）最高学位证书、在职证明复印件；其他相关证书复印件；（4）3封英文推荐信；（5）证件照。

请应聘者将上述材料发送至邮箱[dess@tsinghua.edu.cn](mailto:dess@tsinghua.edu.cn)。

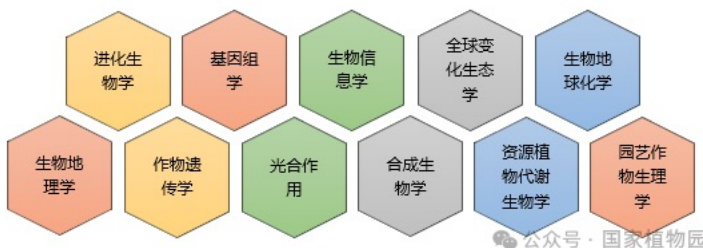
联系人：刘老师；联系电话：86-10-62799627。



# Job opportunities



The Earth Systems Science section (ESS) within the Environmental Sciences Division (ESD), <http://www.esd.ornl.gov>, at Oak Ridge National Laboratory (ORNL), <http://www.ornl.gov>, is seeking a scientist to advance the integration of observations and experiments into Earth system models across multiple scales. The successful candidate will demonstrate strong multidisciplinary expertise and quantitative skills. Their research will involve developing improved Earth system model representations of above- and below-ground interactions and evaluating these models in the context of changing environmental conditions and disturbance. <https://jobs.ornl.gov/job/Oak-Ridge-Scientist-in-Terrestrial-Model-Data-Integration-TN-37830/1117243800/>



中国科学院植物研究所（国家植物园南园）拟在植物科学相关领域，包括但不限于植物学、生态学、发育生物学、细胞生物学、生物化学与分子生物学等招聘海内外优秀青年人才，重点招聘方向：请申请人将个人简历、学历及工作经历证明、代表性科研成果及其他必要支撑材料等发送至指定邮箱，研究所将尽快与您联系，提供相应的政策咨询服务和项目申请协助。

联系人：杨老师

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单位地址：北京市海淀区香山南辛村20号

官方网站：<http://www.ibcas.ac.cn>



## A Post-doctoral Position in Ecosystem Modeling of Biogeochemical Processes

A post-doctoral position is available in the Biology Department at San Diego State University. Candidates should have a Ph.D. in biology, ecology, climate science, earth system science, or a related field and demonstrate strength in modeling ecosystem and/or biosphere-atmosphere interactions. Demonstrated experience working with land surface models (such as CLM) to quantify terrestrial feedback to the climate system is considered strongly beneficial. The successful applicant should have experience researching microbial mechanisms of carbon cycling and greenhouse gas flux in terrestrial ecosystems in the context of global environmental change. Experience modeling soil biogeochemical processes and programming ability with FORTRAN and/or C++ are desirable. The position will be available in March 2024 and remain open until it is filled.

To apply for this position, send the following information in one PDF file to Dr. Xiaofeng Xu (xxu@sdsu.edu) with the subject of "postdoc application": cover letter, curriculum vitae, and contact information for three references.

## Job opportunities

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**NEW YORK UNIVERSITY**

We have one new postdoc opening. The selected individual will be expected to investigate the belowground mechanisms of the ongoing Arctic vegetation shift. Candidates should have sufficient fieldwork experience (especially in Arctic tundra or alpine vegetation) and expertise in belowground ecology (e.g., root ecology, microbial ecology, mycorrhizal ecology). The Postdoctoral Associate's primary responsibilities will consist of working with Dr. Lu Mingzhen to develop specific research questions and analytical approaches under the broad theme listed above; designing and leading fieldwork, lab and data analysis, development and publication of manuscripts; and proposal development. There will be opportunities for collaboration with colleagues within and outside of NYU as well as presentation of research findings at meetings and conferences.

<https://apply.interfolio.com/138815>



## Getting in touch with Sino-Eco!

Sino-Eco is active on many social media platforms. Get in touch with us and stay up to date on the latest activities from Sino-Eco!

Support Sino-Eco by joining/rejoining as a member:

<http://www.sino-eco.org/>

Subscribe Sino-Eco YouTube channel:

<https://www.youtube.com/channel/UCc780ROlbI8VO3AAnjmbqzA>

Follow Sino-Eco on WeChat:

<https://mp.weixin.qq.com/s/yI7tERGwb9Lu1hIjxLs47A>

Follow Sino-Eco on Twitter:

[https://twitter.com/Sino\\_Eco\\_org](https://twitter.com/Sino_Eco_org)

Follow Sino-Eco on Facebook:

<https://www.facebook.com/SinoEco.org/>

Join Sino-Eco Slack workspace:

[https://join.slack.com/t/sino-eco-association/shared\\_invite/zt-rmf9tzgw-TEgaD~9b5Qbb13Gbm3f3OZA](https://join.slack.com/t/sino-eco-association/shared_invite/zt-rmf9tzgw-TEgaD~9b5Qbb13Gbm3f3OZA)