

Newsletter of the Chinese Professional Geographic Information Science

October 2009



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President's Column

CPGIS Annual Report and Financial Report (2008-09)

On this sunny end-of-October afternoon, one can smell candies in the air, and exciting news about Halloween party flies everywhere. I sit down at my desk looking out of the window, picturing in my mind how kids dressed in various costumes would walk up our drive way after sunset for treat. CPGIS could throw a Halloween party as well to celebrate the end of another successful year. Or may we hold a virtual party to wrap up this past year and look forward to the next exciting year?

Following the submission of CPGIS 2007-08 Annual Report by **Fang Qiu** and his management team on November 22 of 2008, I announced the official formation of CPGIS 2008-09 management team on November 30, 2008. Eleven months have passed by since then. They flow away in a no-return manner, leaving CPGIS with a busy, challenging, and fruitful year. I would like to take this opportunity to invite you joining me while I roll back the tapes to replay this past year of CPGIS. Let us re-enjoy our achievements and those exciting moments. Let us reflect on some issues and prepare for a better year.

I. New development of CPGIS

With *CHANGE* being the theme for many issues nowadays, CPGIS has also seen some important change in this past year. During this transition process of CPGIS, we needed to handle a number of issues timely and properly in order to define a path for our future development towards a healthier and more sustained association. Among these, the following were of essential to CPGIS –

- (1) President's Office working closely with the newly elected BOD, following the related change of CPGIS bylaw:

According to the amended bylaw, BOD members were elected by full members for the first time towards the end of **Dr. Qiu's** management term. As one of the first few important events during 2008-09 term, **Lin Liu** was elected by the newly formed BOD to serve as BOD Chair. Following the newly defined BOD functions and operation procedure, CPGIS President's Office has closely worked with BOD on a series of important issues in this past year, which include the revision of CPGIS membership fees, the review and approval of our contract with *Taylor & Francis Group* for the publication of CPGIS flagship journal, the approval of budget for AAG Getting Together, and the approval of starting the process of and final decision on the selection of a new host for CPGIS Headquarters Office. Since this is the first year the related bylaw revision was implemented, there was a learning process for both President's Office and BOD. We also have observed some issues that need further revision and/or clarification for the collaboration between CPGIS

President's Office and BOD, which will be discussed in a later section of the report.

(2) Selection of a new host for CPGIS Headquarters Offices:

Starting with a newly elected BOD, this management term concludes by a successful selection a new host for CPGIS Headquarters Office. CPGIS HQ Office will be hosted by the China Data Center at the University of Michigan, under the leadership of **Shuming Bao**. CPGIS has been blessed since its inception 17 years ago by having **Peng Gong** and his team at the University of California – Berkeley to host the Headquarters Office and to perform the many essential functions including banking account and membership management. We were blessed that we never needed to conduct a selection of such until this past year. This selection was new, important, and challenging to us all. With the devoted work of CPGIS HQ Selection Committee (consisting of **Ge Lin, Lin Liu, Yongmei Lu, Xu Shi, and Chaowei Yang**), and with the support from our candidates and from CPGIS members, we have concluded this search successfully. Please see the related committee report in the appendix for more information about this process. The transference of related HQ functions, data, and documents have already started, and the new HQ Office will officially start function with the next CPGIS management team.

(3) Recent development of CPGIS journal with a new title and a new publisher:

With the leadership of **Hui Lin**, CPGIS' flagship journal, formally named *Geographic Information Sciences*, has also gone through significant change during this past year. Starting from this year, the journal is officially published by *Taylor & Francis* with a new name, *Annals of GIS*. The journal is owned by CPGIS and edited by an editorial team that is appointed by CPGIS. *T & F* will be responsible for publishing and marketing the journal. CPGIS' members will continue to receive free journal subscription as part of their membership benefit. CPGIS will receive royalty from publisher. Our goal is to continue improving the quality and reputation of our journal in hoping to gain it an impact factor in the next few years. To achieve this goal, CPGIS journal management team (consisting of **Hui Lin (chair), Shuming Bao, Anrong Dang, Peng Gong, Bo Huang, and Jun Yan** (The Chinese University of Hong Kong)) will work hard to solicit high quality papers to be published in the journal. Meanwhile, we invite our members to check for the new appearance of our journal and to support our journal by submitting research papers. More information about *Annals of GIS* can be found at <http://www.tandf.co.uk/journals/journal.asp?issn=1082-4006&linktype=offers>.

(4) Increase of CPGIS membership fees:

After a thorough review of membership fees and membership benefits, with the approval of President's Office and BOD, we have increased our membership fees for some categories of CPGIS memberships. Student annual membership fee was increased from \$10 to \$20 and regular membership fee from \$20 to \$40. This is the first time CPGIS raised its membership fee since the associated was founded in 1992. The increase of membership fees will enable CPGIS to keep up with membership benefits (such as free journal subscription and free registration for some CPGIS social and business events including AAG Getting Together). Membership fee increase is effective since April 2009.

(5) Continuing effort to pursue of CPGIS non-profit organization status:

Among the many changes, there is one unchanged theme - the continuous pursuit of CPGIS Non-profit Organization Status. CPGIS Non-profit Organization Status Committee (**Lin Liu - Chair, Aijun Chen, Peng Gong, Yongmei Lu, Xun Shi**) was formed in November 2008 as the only cross-term committee. Considerable research was conducted to understand the procedure and possible costs for such a process. With the success selection of a new host for CPGIS HQ Office, CPGIS Non-profit Organization Status Committee will work closely with Dr. Bao and his team to push this forward.

(6) On-going bylaw review:

As an important response to our continuing growth and many important changes, CPGIS Bylaw Review Committee (**Bin Li (Chair), Dongmei Chen, Fang Qiu, Fahui Wang, and Bing Xu**) took the lead to review CPGIS bylaw and for necessary and appropriate changes. This is an on-going process. Any change of CPGIS bylaw will need a majority approval vote from BOD.

II. **Important CPGIS Events**

With the devoted work of the related CPGIS committees and the support from CPGIS members and friends, we have successfully organized, sponsored, and hosted a series of research, teaching, training, and consulting activities in various formats through diverse channels. The detailed reports from related committees can be found in the appendix section. Here is a brief summary –

(1) CPGIS Getting Together at AAG Conference: Las Vegas, March 24, 2009

With the great work of AAG Getting Together Committee (**Diansheng Guo** (Chair), **Bernie Fang**, **Qinghua Guo**, **Fang Qiu**, and **Zhixiao Xie**), we had a successful annual business meeting at AAG. Thanks to the many rounds of calculations work by our treasurer (**Chuanrong Zhang**) and the support from BOD, I was able to secure a small budget for CPGIS social gathering after the business meeting, which proved to be very successful and well-received.

(2) CPGIS Go-Home Project: Nan Jing & Nan Chang, May 28 – June 3, 2009

CPGIS Go-Home Committee (chaired by **Le Wang** and consists of **Xiuping Jia**, **Hui Lin**, and **F. Benjamin Zhan**) organized this year's Go-Home project. The participants, including **Xiaoyong Chen**, **Wendy Guan**, **Bo Huang**, **Guaoping Zhou**, and **Le Wang**, visited with three institutions in China (Nanjing Normal University, East China Institute of Technology, and Jiangxi Normal University), during which they delivered professional research talks and exchanged research ideas with domestic GIS professionals.

(3) CPGIS Summer Research Workshop: Beijing, June 18-20

With the support from **Capital Normal University** and **Peking University** (in an amount of roughly ¥ 70,000), CPGIS 2009 Summer Research Workshop turned out to be a great success. This Research Workshop was a modification of CPGIS Young Scholar Summer Workshop (YSSW). Due to unexpected low response to the original call for participating for CPGIS YSSW, I took the liberty to work with the co-chairs of the committee to expand this event and include broader participants. Final workshop participants were selected based on candidates' research qualification and availability for the workshop. The three themes of the workshop were: *Web & GIS*, *GIS and Urban Studies*, *Environment & Health*. More than 40 researchers from China and abroad attended the workshop. There were 15 invited paper presentations and a panel discussion session. The papers were of high quality and the follow-up discussions were fully enjoyed by workshop participants. The workshop program and detailed participants information are included in the appendix. The committee in charge of this event is made of **Jing Zhang (chair)**, **Yu Liu (Co-Chair)**, **Yongmei Lu**, **Wanxiang Sun**, **Yongqian Tian**, and **Xiaobai Yao**.

(4) CPGIS GIS Training Program: multiple sites in the US, July 19 – August 8, 2009

Under the leadership of **Chaowei Yang**, this year's "Advanced GeoInformation Science Certificate Program" turned out to be another great success. Eighteen GIS professionals from domestic China visited and studied in five universities and institutions in the US during a seven-week period. A number of professors and scientists from various universities, government agencies and companies introduced various cutting-edge topics in GIScience to the trainees. A full list of the participating institutions and instructors can be found in the attached committee report. Committee members include **Fang Qiu, Yifei Sun, David Wong, and Huayi Wu**.

(5) Geoinformatics' 2009 Conference and CPGIS awards: Fairfax, August 12-14, 2009

The 17th International Conference on Geoinformatics (Geoinformatics 2009) was successfully held on the Fairfax campus of George Mason University. The conference consists of plenary session, student paper competition sessions, special sessions, general sessions, and a poster session. More than 250 professionals and students from 34 countries and districts participated in the conference. About 240 full papers have been submitted to IEEE to be published by IEEE eXplore as the conference proceedings. CPGIS Annual Conference Committee (**Aijun Chen (chair), Yuqi Bai, liping Di, and Desheng Liu**) are to be congratulated for the success of this conference.

As a highlight of Geoinformatics 2009 Conference, a few CPGIS awards were presented during the Conference Dinner on August 12. With the recommendation from CPGIS Award Committee (chaired by **Bing Xu**, and consisting of **Yehua Wei** and **A-Xing Zhu**), CPGIS 2009 Best Service Award was presented to **Diansheng Guo**.

The papers submitted to student paper competition for Geoinformatics 2009 were fully reviewed for both writing and oral presentation quality. The final awards went to **Donovan H. Parks** (First Place, Dalhousie University, Canada), **Qing Zhao** (Second Place, Chinese University of Hong Kong, China), **Tianfang Fang** (Third Place, Texas State University, USA), and **Lei Wu** (Third Place, Chinese University of Hong Kong, China). Thanks to the hard work of CPGIS Student Paper Competition Committee and all reviewers for the student papers (**Xun Shi (chair), Yuqi Bai, Jenny Du, Wei Luo, Lan Mu, Zhixiao Xie, Bing Xu, and Yang Yue**).

(6) Selection of Geoinformatics' 2010 conference site and host(s)

With the recommendation from CPGIS Conference Site Selection Committee (Chaired by **Wei Luo** and consists of **Aijun Chen, Lan Mu, and Jinfeng Wang**), CPGIS President Office and BOD have approved the selection of Peking University and Capital Normal University to host Geoinformatics' 2010 Conference. The conference will be held on PKU campus on June 18-20, 2010. The announcement was made during the conference dinner at Geoinformatics' 2009. **Yu Liu** and **Aijun Chen** will be Conference Chairs. Please pay attention to the upcoming Call for Papers and consider joining us in Beijing next June.

(7) HOME project

CPGIS HOME Committee (chaired by **Hanming Tu** and consists of **Shuming Bao, Qin Tang, and Bin Li**) has represented CPGIS by participating in a series of activities organized by the China Association for Science and Technology (CAST). These include submission of two proposals responding to the 2009 Call for appraisal and selection of outstanding policy proposals and suggestions, and attending the HOME project Nanjing conference in September 2009. Details are included in the attached committee report.

(8) Poyang Lake project

CPGIS Poyang Lake Project Committee was charged to take lead on various projects that are related to Poyang Lake region and participated by CPGIS members. Committee chair was **Shuming Bao** and committee members included **Peng Gong, Chansheng He, Lin Hui, and Bing Xu**. The major activities include securing grant and publication as well as participating in CPGIS workshops through collaborating with CPGIS Go Home Committee. Please see attached committee report for more information.

III. **CPGIS routine management and services**

While the various CPGIS activities and events are exciting and fruitful, the routine management and services provided by the related CPGIS committees and office holders should never be overlooked. These committees have been working diligently, *often behind the scene*, to ensure smooth operation of CPGIS and continuous benefit to our members. I would like to take this opportunity to sincerely thank the volunteer work provided by the following committees / officers –

(1) Membership database

CPGIS Membership Committee is charged to handle membership payment and to maintain member database. Chair of this committee is **Qi Chen** and members consist of **Aijun Chen, Fang Qiu, Jianwu Tang, and Liheng Zhong**. It is a great challenge to integrate membership databases from various sources and to keep it updated. Under the leadership of **Qi Chen**, this committee has been working very hard through collaborating with CPGIS Webpage Committee and CPGIS HQ Office to streamline the related procedure and to maintain a valid membership database. Their work provides the basic membership information that we share with T&F for the delivery of our journal, *Annals of GIS*.

(2) Webpage maintenance

Benefited from webpage design and maintenance procedure from CPGIS 2007-08 Management Team, this committee have provided our community with a relative stable and accessible services. Our members can join CPGIS or renew their membership using our online system and can update their membership information online as well. CPGIS Webpage Committee consists of **Aijun Chen (chair), Qi Chen, Qunying Huang, Yang Liu, Yaxing Wei, and Yanhua Zhao**.

(3) CPGIS Newsletter

CPGIS Newsletter Committee 08-09 was chaired by **Desheng Liu** and members include **Jenny Du, Qinghua Guo, Xin Miao, Jun Yang, and Jun Yan** (West Kentucky University). We would not have seen the timely publication of our newsletters without this committee's organized and quality work! Their job report includes all the newsletters we have received throughout the year.

(4) CPGIS HQ Office at UC – Berkeley

Every CPGIS member worked with our HQ Office at UC- Berkeley and enjoyed the services provided by our staff there, especially **Dr. Peng Gong** and **Mr. Liheng Zhong**. In addition, CPGIS cash flows will not be possible without their dedicated work, nor will CPGIS have a reliable mailing address. After all these years' quality services and volunteer works, our UC – Berkeley Office is now undergoing a transferring stage with the CPGIS new HQ Office. The mission of UC –Berkeley HQ Office may have been completed, but the glories will shine into the many future years of CPGIS!

(5) Career Development Committee

Renamed from CPGIS Faculty Development Committee 07-08, this committee has been involved in a broader spectrum of formal and informal advice and consulting activities. The committee report in the appendix includes a list of services provided by this committee in this past year. Committee members are **Lin Liu - Chair, Peng Gong, Bin Li, Liqiu Meng, Shih-lung Shaw, Qin Tang, Jinfeng Wang,** and **David Wong.**

(6) CPGIS President's Office

CPGIS President's Office oversees the operation of CPGIS and facilitates routine and special activities of our association. CPGIS 08-09 office holders for President's Office include **Yongmei Lu** (President), **Aijun Chen** (Vice President, & President Elect for 2009-10 term), **Chuanrong Zhang** (Treasurer), **Liheng Zhong** (Secretary General), **Fang Qiu** (Past President), and **Xun Shi** (President Elect for 2010-11 term). One new role for the President's Office in this past year was to work with BOD in a different manner on various important CPGIS issues in order to make savvy decisions to serve the best interest of CPGIS. For that purpose, we worked as facilitators, organizers, coordinators, and initiators on various CPGIS activities. It was our privilege to serve CPGIS. Personally, I feel being blessed having this opportunity to pay back to this community.

IV. **Issues and recommendations**

I have some observations on a few issues from my service experience in this past year and believe that they should be prioritized on CPGIS' to-do list. I here share them with CPGIS below with the belief that proper addressing of these issues will significantly improve the operation of CPGIS and will definitely ease the transition period of our association –

(1) Streamline the maintenance and updating of membership database

It is critical for both the operation of CPGIS and a health growth of our journal to fully clean and update our membership database. This might be done in three steps: (a) to integrate the different versions of membership databases into a complete and relatively accurate one, (b) to effectively get our members involved in updating their membership information and keeping the information updated, and (c) to create a standard procedure for the maintenance and updating of this database in the future.

I wanted to emphasize that this is definitely one of the most difficult and largest job for CPGIS. The success of it needs collaborative work among membership committee, webpage committee, HQ Office, and **all of CPGIS members**. But it is critical for the operation of CPGIS, management of our journal, and quality of our membership benefits.

(2) Online membership renewal and fee payment

This issue is connected to issue #1 as well as issue #4 below. Our online membership renewal and fee payment system is not stable. This might hurt CPGIS significantly as people tend to be frustrated when they try our webpage but fail. We could lose existing members when renewal is not allowed, and our lost to potential new members might be permanent since it is hard to re-attract people to check a failed web service. From an early investigation conducted by Aijun Chen and Liheng Zhong, I understand that the failure of this function might be related to **the lock implemented to CPGIS account by Paypal** and the solving of this problem needs CPGIS to address issue #4 below.

(3) Clear definition for division of responsibilities between President's office and BOD

This is a totally new issue after the new election of BOD following our bylaw amendment that was passed recently. The operation of CPGIS President's Office and the collaboration between this office and CPGIS BOD need clear official guidance.

(4) CPGIS Non-profit Organization Status

As mentioned in the first section of this report, CPGIS Non-Profit Organization Status is an on-going task for which a cross-term committee is charged to work on. I wanted to re-emphasize here that this should be put on the top of the list for our in-coming President. With the selection of a new CPGIS HQ Office, CPGIS needs to work with Shuming and his team to **register CPGIS at our new HQ Office** as soon as possible. Meanwhile, the Non-profit Organization Status Committee needs to prepare to actively pursue 501(c)3 status for CPGIS. This is critical for a more viable and sustainable financial status of CPGIS; it is also essential for our membership maintenance and online payment system.

V. **Financial Report**

It is my pleasure to report that CPGIS has a healthy financial balance by the end of 2008-09 management year. The two expense items were for AAG

CPGIS Gathering Social Event and our payment to Paypal by using the online payment system. Starting with a balance of **\$13,126.48**, we ended with a balance of **\$15,754.48**. Details are listed below.

Beginning balance: **\$13,126.48**

Income: \$3,040.00

Member registration and Renew: \$ 440.00

Contribution and Donation: \$2,600.00

• GeoInformatics 2009: \$2200.00

• Other (from CPGIS lifetime members): \$ 400

Expense: \$ 412

CPGIS 2009 AAG Getting Together: \$350

Other (online payment cost / withheld by Papal): \$ 62

Ending balance: **\$15,754.48**

VI. **Concluding Remarks**

After I finished typing the above more than 3,500 words to report our activities in the past year, I feel that I have never been more proud of CPGIS and the 2008-09 Management Team. It was my greatest privilege working with you all. All the success and glories belong to this management team!

With the submission of this report, I declare that CPGIS 2008-09 Management Team is dismissed. I now officially pass the flag of CPGIS to **Dr. Aijun Chen** and his team for another great year for CPGIS!

A few more words

While enjoying the relief of finishing the report, I heard that Beijing already had its first snow of this year. That must have happened when I was organizing all the committee reports and digging through the hundreds of CPGIS-related emails and documents accumulated in my computer during this past year.

瑞雪兆丰年!

The next year for CPGIS will be definitely better!

Conference Announcements

1) FIRST CALL FOR PAPERS AND SESSIONS

Geoinformatics 2010, the 18th International Conference on Geoinformatics

June 18-20, 2010 at Beijing, China

The Geoinformatics conference series was initiated by the International Association of Chinese Professionals in Geographic Information Sciences (CPGIS) in 1992. This annual international conference has provided a unique forum for exchanging ideas and knowledge on geo-information sciences between GIS professionals worldwide. The 18th International Conference on Geoinformatics (Geoinformatics 2010) will be held on June 18-20, 2010 at Beijing, China. The conference is co-organized by Peking University, Capital Normal University, and the International Association of Chinese Professionals in Geographic Information Sciences (CPGIS), and co-sponsored by the Geographical Society of China. The Institute of Remote Sensing and Geographical Information Science of Peking University is the local organizer of the conference.

The conference theme is “GIScience in Change.” It will provide an unprecedented opportunity for professionals and students from remote sensing, Geoinformation science, and related disciplines to discover cutting-edge geoinformatics technology and applications, while at the same time exchanging their ideas, research results, professional experiences, and future visions in the fields of geographic information science, remote sensing, and their applications. The conference will include plenary, special, oral, and poster sessions. Please consider submitting your abstracts and papers to the sessions most suitable for exchanging your ideas and research with similar researchers.

The Organization Committee would like to invite all interested parties to propose special sessions for Geoinformatics 2010. Special session Chairs can propose full sessions (10 papers) or half sessions (5 papers). The Session chairs are responsible for inviting the papers and ensuring these papers are submitted via the normal conference referee process. If a Special Session lacks enough papers to complete the time allotment, additional papers can be selected from the general paper submissions.

Conference Theme: “GIScience in Change”

Conference Topics:

The conference will focus on, but not be limited to, the following cutting-edge topics:

- New trends of technologies and research in GIS community
- Geospatial data sharing and interoperability
- Geospatial web services and service quality
- Geospatial Grid computing
- Web 2.0 & GIS
- Geospatial Web portal
- Geographical information retrieval
- Digital gazetteer
- Geo-ontology
- Spatial cognition
- Spatial uncertainty and data quality
- Multi-dimensional (2D, 3D, and 4D) spatial data modeling and data quality
- Spatio-temporal data model
- Spatial workflow and spatial decision support
- Location based services (LBS)
- Wireless and mobile GIS solutions

- Automated object extraction and database updates from imagery
- Processing and application of high-resolution imagery
- Integration of RS, GIS and GPS (3S)
- LIDAR technology and related application
- Cartographic Theory and Applications
- Geospatial computation
- Spatial Decision Support Systems
- Statistics and application models of spatial data
- Representation and Visualization of Geospatial Data
- Acquisition and Processing of Remotely Sensed Data
- Satellite Positioning Technology and Location based service
- Virtual Globes and their application to scientific research and daily life
- Urban GIS and its applications
- Theories and Algorithms in GIS
- Government and public GIS
- Land Use / Land Cover Change
- GIS for Environment and Health
- Climate Changes and Global Environment
- Geospatial education, such as virtual globes-based virtual education

Special Sessions:

Professionals are welcome to organize special sessions. The special session proposal should include the following information:

- Session chair(s) names, affiliations
- Contact information (email address, phone, fax)
- Session title
- Full or half (10 or 5 papers)
- List of potential contributors to be invited (if available)
- Short description of the session (about 150 words)

Submit completed session proposals to info@geoinformatics2010.org with subject "special session".

Please refer to "Special Sessions" at the conference Web site

<http://cn.geoinformatics2010.org> for details on organizing your special sessions.

Abstracts and Papers:

Participants are invited to submit original, unpublished research contributions or experience reports not concurrently submitted elsewhere. All abstracts must be 300-500 words long and written in English. They will be refereed for quality, originality, and relevance by the program committee. The first call is for an extended abstract. Authors of the accepted abstracts will be invited to submit full papers to be published in an EI-indexed conference proceeding. Some selected papers will be published in special issues of SCI-indexed journals.

Please submit abstracts online at <http://cn.geoinformatics2010.org>. Abstracts must include title, authors (**Firstname Surname**), indicating the presenter by underlining their name and providing author's contact details: affiliations, department, full address (street, city, state/province, and country), telephone, fax, and **Email**.

Special programs for participating students:

CPGIS will organize student paper competition. The top quality papers will be selected as CPGIS GeoInformatics' 2010 Best Student Paper to receive plaque and cash award, and will be invited to submit a revised version to a special journal issue.

Important Dates:

Session Proposal Deadline: December 10, 2009

Session Proposal Acceptance Notice: December 17, 2009

Abstract Deadline: January 30, 2010

Abstract Acceptance Notice: February 20, 2010

Full paper Deadline: April 7, 2010

Registration Deadline: April 20, 2010

Conference Date: June 18-20, 2010

Co-organizations and Sponsors:

Peking University

Capital Normal University

CPGIS

Geographical Society of China

Honorary Chairs

Xu, Guanhua

Goodchild, Michael F.

International Steering Committee

Chair: Tong, Qingxi; Peking University, China

Members:

Chen, Jun; National Geomatics Center of China

Cheng, Jicheng; Peking University, China

Di, Liping; George Mason University, USA

Gong, Peng; UC Berkeley, USA

Guo, Huadong; Center for Earth Observation and Digital Earth, CAS, China

He, Changchui; FAO

Keith, Clark; University of California, Santa Barbara, USA

Lees, Brian; UNSW@ADFA, Australia

Li, Deren; Wuhan Unniversity, China

Li, Xiaowen; Beijing Normal University, China

Lin, Hui; Chinese University of Hong Kong, China

Mark, David M.; University at Buffalo, USA

Pan, Mao; Peking University, China

Ramapriyan, Hampapuram; NASA Goddard Space Flight Center, USA

Stein, Alfred; International Institute for Geo-Information Science and Earth Observation, Netherlands

Sui, Dianshi; Ohio State University, USA

Tao, Chuang; PPLive Inc., China

Thill, Jean-Claude, University of North Carolina at Charlotte, USA

Wilson, John P.; University of Southern California, USA

Conference Chair:

Liu, Yu; Peking University

Chen, Aijun, George Mason University

Contact:

For further information and conference updates, please visit the conference website at:

<http://cn.geoinformatics2010.org/> or send email to:

info@geoinformatics2010.org

News on Members' Achievements

Lin Hui received the Outstanding Contribution Award from Asian Association on Remote Sensing in Beijing on Oct 19, 2009.



Fahui Wang, Fred B. Kniffen Professor in the LSU Department of Geography & Anthropology, has been awarded the Overseas Collaborative Scientist Fund by the National Natural Science Foundation of China (NSFC). Wang's collaborators in China on the project include **Yu Liu** from the Institute of Remote Sensing and Geographic Information Science at Peking University and **Fengjun Jin** from the Institute of Geographical Science and Natural Resources Research at the Chinese Academy of Sciences. The initial fund is 200,000 RMB for two years and may be extended to three more years with additional fund of 800,000 RMB. This year, 72 overseas Chinese scientists were awarded this fund.

Congratulations to Lin Hui, Fahui Wang, Yu Liu and Fengjun Jin!!

Appendix to CPGIS 2008-09 Annual Report

Committee Reports

Submitted by CPGIS 2008-09 Committees, compiled by Yongmei Lu

CPGIS HQ Office Selection Committee Report

Dear Board of Directors of CPGIS,

CPGIS Headquarters Selection Committee is pleased to report that we have concluded the search process for a new host of CPGIS HQ Office.

CPGIS HQ Selection Committee was officially formed on June 13 of 2009. Since then, the Committee worked diligently to identify the principles to guide this search, the criteria for selecting a new HQ Office, and the main functions of and expectations for this office. After thorough research and numerous discussions with CPGIS members within and outside of this committee, CPGIS HQ Selection Committee issued a Call for Proposal for a New Host of HQ Office on September 2, 2009. Those who submitted proposals were subsequently asked to complete a questionnaire related to the operation of the proposed HQ office.

The review process officially started on October 1, 2009. The Committee is now ready to make its recommendation to CPGIS BOD for a new host of CPGIS HQ Office

—

CPGIS HQ Selection Committee recommends that the team at the China Data Center at the University of Michigan under the leadership of Dr. Shuming Bao be the next host of CPGIS HQ Office. The official address for the HQ Office will be:

Suite 301, 1007 E Huron St.

Ann Arbor, MI 48104-1690

TEL: (734)647-9610

FAX: (734)763-0335

The regular functions of this HQ Office will include:

- managing CPGIS bank account, keeping the record of all financial transactions, and providing semi-annual financial report to the treasure (or a corresponding committee) of CPGIS;
- providing a server to host CPGIS website and maintaining and updating CPGIS website at a regular basis;
- updating CPGIS membership database in a timely fashion upon the clearance of a membership payment;
- assisting President Office to promote CPGIS at various venues and help organizing CPGIS events when appropriate.

In addition, the new HQ Office will

- handle the registration of CPGIS in the US, and
- actively work with CPGIS Non-Profit Organization Status Committee and CPGIS President Office assisting CPGIS to file for 501(c)3 status.

The team leader at this HQ Office will be designated as General Secretary of CPGIS. The General Secretary will oversee the daily operation of the HQ Office and will serve as a main contact for CPGIS. The HQ office will be operating on their own budget for its regular functions (as described above) at the current scale. If and when new functions and responsibilities are assigned to the HQ in the future, the HQ Office can apply to CPGIS Treasure and President Office for special budget.

This recommendation for HQ Selection Committee is based on a thorough review of the proposals as well as responses to our questionnaire. The overall leadership skills and experiences of a candidate were an important consideration. Furthermore, the degree to which a candidate can improve the HQ functions, performance and stability was weighted heavily in our deliberation. With this recommendation, the Committee believes that Dr. Bao and his team at the China Data Center at the University of Michigan can play a critical role in developing CPGIS into a stronger and healthier association and better serving our members worldwide!

Attachments to this recommendation include: (1) the original proposal submitted by Dr. Bao and his team, and (2) this team's responses to our questionnaire.

Please send questions or comments about this recommendation to the CPGIS HQ Selection Committee through Yongmei Lu at YL10@txstate.edu.

Respectfully submitted on the 9th day of October, 2009

CPGIS Headquarters Office Selection Committee

Dr . Ge Lin, University of Nebraska Medical Center

Dr. Lin Liu, University of Cincinnati

Dr. Yongmei Lu, Texas State University

Dr. Xun Shi, Dartmouth College

Dr. Chaowei Yang, George Mason University

CPGIS Gathering at AAG on March 24, 2009

The CPGIS annual gathering at AAG meeting was successfully organized in Las Vegas, Nevada on March 24, 2009. Approximately 70 CPGIS members and friends attended the event.

On behalf of the President, Dr. Fang Qiu summarized the major CPGIS activities and achievements in 2008. He introduced CPGIS 2009 Management Team, reviewed the successful 2008 annual conference, provided membership and payment guidelines, updated CPGIS website upgrade status, briefed on conference site selection procedure and result, and announced several awards. He expressed great appreciation to our members and friends; without their concern and support to CPGIS through these years, all these activities and achievements were impossible.

Committee reports regarding on-going activities were delivered: GoHome Committee report addressed by Dr. Le Wang, Summer Young Scholar Committee by Dr. Yongqing Tian, Newsletter Committee by Dr. Desheng Liu, Student Paper Competition Committee by Dr. Diansheng Guo (on behalf of Dr. Xun Shi), GIS Training Committee by Dr. Chaowei Yang, Poyang Lake Project Committee by Dr. Shuming Bao, CPGIS Journal Management and Publication Committee by Dr. Hui Lin, and Bylaw Review Committee by Dr. Bin Li.

Dr. Lin Liu briefed on the 2009-2010 BOD election and non-profit organization status of CPGIS. He thanked the BOD members for their devotion and the willingness to serve.

The meeting was followed by social activities. For convenience, membership application and renewal were accepted on site. For the first time, authorized by the BOD, the gathering provided drinks and light food. Attendees really enjoyed this gathering and the social time.

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Lin: Thanks for reminding me about the bylaws issue. I apologize for the tardiness and will work on it this weekend. --Bin

Student Award Committee Report

(by Xun SHi)

For the annual CPGIS Student Paper Competition, this year we received a total of nine qualified submissions. Seven of them made it to the special sessions in the Geoinformatics'09 Conference and were presented by their authors. The awards were determined based on both writing and oral presentation. The writing parts of the papers were reviewed by Yuqi Bai, Jenny Du, Lan Mu, Xun Shi, Zhixiao Xie, and Bing Xu. The on-site judges for the presentations include Yuqi Bai, Wei Luo, Xun Shi, and Yang Yue.

The awards have been announced and presented at a ceremony held in the evening of August 12 in the Geoinformatics'09 Conference, Fairfax, VA, USA. The results are as follows:

First Place Award (\$600):

Donovan H. Parks, Dalhousie University, Canada, with paper "Quantitative Visualizations of Hierarchically Organized Data in a Geographic Context"

Second Place Award (\$300):

Qing Zhao, The Chinese University of Hong Kong, Hong Kong, China, with paper "Application of ASAR PSI Technology to Ground Deformation Detection in Mega-cities of the Pearl River Delta Region in China"

Third Place Awards (\$150 each):

Tianfang Fang, Texas State University, USA, with paper "GWSC-VMR, A GIS Supported Conceptual Distributed Hydrological Model for Cold and Arid Regions?"

Lei Wu, Chinese University of Hong Kong, Hong Kong, China, with paper "A Case Study of Developing Personalized Spatial Cognitive Road Network and Raster Capable Route Finding Algorithm for Pedestrian Evacuation Behavior Simulation"

Brief report from HOME Committee:

The HOME committee continued to encourage members to participate in the activities organized by the China Association for Science and Technology (CAST). The committee has coordinated and participated in the two major activities:

1. Participated in the 2009 Call for appraisal and selection of outstanding policy proposals and suggestions. We sent two suggestions to the CAST:
 - a. 关于筹建中国“空间综合社会科学与公共政策”重点实验室的建议 (王法辉)
 - b. 关于建立中国地理信息产业“三库两化”为中国国民经济创造新的活力的建议 (涂汉明)

2. Participated in HOME project annual conference. Dr. Qin Tang and Xiaomin Cai attended the HOME project Nanjing conference in September 2009.

Thanks,

Hanming Tu

Brief report from the CPGIS Non-profit Organization Status Committee

Members of the committee (Lin Liu - Chair, Aijun Chen, Peng Gong, Yongmei Lu, Xun Shi) focused on the task of selecting a new Headquarters for CPGIS. CPGIS will be registered in the state where the new Headquarters resides, and subsequently the application for the 501(c) 3 status will be filed. The task is expected to be completed in year 2010.

Best,

Lin

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Brief report of the CPGIS Career Development Committee

The CPGIS Career Development Committee was renamed from last year's committee for CPGIS Faculty Development. The members of the committee (Lin Liu - Chair, Peng Gong, Bin Li, Liqiu Meng, Shih-lung Shaw, Qin Tang, Jinfeng Wang, David Wong) have provided advice to many CPGIS members, on many of the issues listed below:

- things to pay attention to during job interview
- negotiation of a starting salary and a start-up package
- preparation of a quality NSF proposal, especially an early career proposal?
- review process of an NSF proposal
- preparation of a dossier for tenure and promotion
- tenure and promotion review process
- skills for effective presentation

Many of the communications occurred at professional and scholarly meetings such as AAG 2009 meeting and Geoinformatics 2009 conference. People also have sought advice via private email and phone conversation.

We expect the role of this committee continue to grow. This type of services can attract more members to join CPGIS. We could organize special sessions on topics of interests to early career members in future Geoinformatics conferences.

Best,

Lin Liu

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Report from the Poyang Lake Project Committee

(Shuming Bao)

1. Grant and Publication

Shuming Bao received a grant from Jiangxi Government for the project of “The Comparative Studies of Poyang Lake and Other Lake Regions” (200,000 RMB) . A number of CPGIS members participated in the project. The team members include Hui Lin and Qiang Zhang (CUHK), Peng Gong (UC Berkeley), Wei Ji (University of Missouri at Kansas City), Jiaguo Qi (Michigan State University), Chansheng He (Western Michigan University), Cui Chen (Germany), Bing Xu (University of Utah), Yongyuan Yin (UBC), Fanhua Kong (Nanjing University) and Ying Liu (Jiangxi Normal University). The report has been submitted to Jiangxi Government. A brief report was published at “Poyang Lake Study”(《鄱阳湖学刊》) Vol. (2). 2009. Attached is the published paper.

2. CPGIS Workshop

The Key Lab of Poyang Lake Wetland and Watershed at Jiangxi Normal University hosted the CPGIS workshop in Nanchang on June 2, 2009. Five CPGIS members, Guoqing Zhou (Old Dominion University), Wendy Guan (Harvard University), Le Wang, (State University of New York at Buffalo), Bo Huang (Chinese University of Hong Kong), and Xiaoyong Chen (East China Institute of Technology), joined the CPGIS workshop. See the news report below.

Report from CPGIS GIS Training Committee

Thank to the support from former Director Zhigang Li (currently Director of State Geomatics Center) and Deputy Director Qianjun Miao of Heilongjiang Bureau of Surveying and Mapping (HLJBSM), and Provost Peter Stearns and Dean Vikas Chandhoke of George Mason University, The Fourth "Advanced GeoInformation Science Certificate Program" was successfully concluded. HLJBSM, GMU, NASA, USGS and ESRI sponsored this program.

Managed by the Center for Intelligent Spatial Computing at GMU and HLJBSM, the Program has provided training to more than eighty professionals, coming from more than half of the provinces in China. This year, eighteen GeoInformation Science professionals from Heilongjiang, Ningxia, Shanghai, Jiangsu and Beijing participated in this seven-week long customized training program at George Mason University (Jun 19 -Aug.8), University of Colorado at Boulder, University of Utah, ESRI, and San Francisco State University,. The GMU site was managed by Profs. David Wong and Ruixin Yang. The Colorado site was managed by Prof. Ken Foote, and the Utah site was managed by Prof. George Hepner. Pinde Fu coordinated the activities at the ESRI headquarter at Redlands, CA, and in San Francisco, Prof. Xiaohang Liu managed the program. Prof. Chaowei Yang coordinated the overall program.

During the seven weeks, professors and scientists from various universities, government agencies and companies introduced various cutting-edge topics on Earth Observations systems (EOS), Spatial Statistics, EOS Data Systems, Geospatial Cyberinfrastructure, Web Services, Grid Computing, National Spatial Data Infrastructure/Geospatial One-Stop, Global Earth Observation System of Systems, Semantic/ontology, LBS, a variety of GeoInformation Science applications, and Retrospective on Digital Earth.

All instructors worked very hard to accomplish the training program. A non-exhaustive list includes Peggy Agouris (GGIS, GMU) and Tony Stefanidis (Prof. GMU), Myra Bambacus (NASA GIO), Guido Cervone (Prof. GMU), Richard Gomez (Prof. GMU), Doug Nebert (USGS/FGDC), Haihong Yang, John Qu (Prof. GMU), Rob Raskin (NASA JPL), John Townshend (Prof. and Dean, UMD), Fahui Wang (Prof. LSU), David Wong (GGIS, GMU), Qisheng Pan (TSU), Daniel Sui (OSU), Aijun Chen (NASA/GMU), Ken Foote (UCB), Pinde Fu and Frank Xia (ESRI), Xiaohang Lu (SFSU). Thanks also go to the training professionals who study diligently with the professors and scientists. Zhenglong Li, Wenwen Li, Caixia Wang, Xiaohang Lu, Frank Xia, and Chaowei Yang provided translations. Staff members of hosting sites also provided significant support to ensure smooth operations during classes.

Thanks to all who helped make this effort a success. We are exploring future opportunities.

More details can be found at <http://www.cisc.gmu.edu/training/2009/2009.htm>.

Chaowei Yao

Report of Annual Conference Committee of CPGIS

The 17th International Conference on Geoinformatics (Geoinformatics 2009) was successfully held on August 12th -14th at George Mason University (GMU), Fairfax, Virginia, USA. Dr. Peter N. Stearns, the provost of GMU, and Dr. Vikas Chandhoke, the dean of College of Science of GMU, gave their very warm welcome to all conference participants. Also, several professionals from US governments and international organizations, such as Steven Kempner and Hampapuram Ramapriyan from NASA, Kenneth McDonald from NOAA, and Mark Reichardt from OGC gave their welcome address at the conference opening ceremony. Dr. Yongmei Lu, the president of CPGIS, gave her fantastic welcome address as well.

The conference consists of plenary session, student paper competition session, special sessions, general sessions and poster session. In the plenary session, there are seven professionals from academia and US governments given the welcome addresses and four keynote speakers from UC Santa Barbara (Michael Goodchild), UMCP (John Townshend), OGC (Mark Reichardt) and NOAA (Zdenka Willis) given excited high-level professional speeches. Student paper competition, chaired by Prof. Xun Shi, chose four students as the first, second and third (2) place awardees. There are 11 special sessions and 12 general sessions. The most impressive is that most of sessions' chairs are so dedicated to their responsibility and moderated sessions successfully. Totally more than 200 papers were orally presented, and more than 50 papers were presented in poster session.

More than 250 professionals and students who come from 34 countries and districts participated in the conference. Lots of our CPGIS members came to the conference and played very important roles in the conference. Two honorary members of CPGIS – Drs. Michael Goodchild and Deren Li, came to the conference to support our annual conference.

About 240 full papers have been submitted to IEEE and will be published by IEEE eXplore soon. The papers will be EI-indexed. The conference program and detailed information about the conference is available online at the conference website (<http://www.geoinformatics2009.org/>).

Aijun Chen
Chair, Annual Conference Committee of CPGIS

Report from CPGIS Journal Management Committee

The first issue of Annals of GIS (CPGIS) journal will be published by Taylor & Francis in early next month and the second issue of this year will be followed in time. All previous publication has been transferred to new website and the on-line submission, review and editing will be available at the end of this month.

We would like to encourage the HQ to update the membership list and mailing addresses with Taylor & Francis in order to deliver our journal to them in time.

Cheers.

Hui Lin

Report: CPGIS 2009 “Go Home” Project

I am delighted to report that CPGIS 2009 “Go Home” Project was successfully held on May 28- June 3, 2009 at three institutions in domestic China: i.e. Nanjing Normal University, East China Institute of Technology, and Jiangxi Normal University. During the seven days’ visit, five speakers selected by CPGIS: Drs. Xiaoyong Chen, Wendy Guan, Bo Huang, Gaoqing Zhou, and Le Wang, gave five research presentations to more than two hundred graduate and undergraduate students and scholars residing at three institutions. Lively discussions surrounding these presentations were conducted during the workshop. CPGIS speakers also visited the Key Lab of Virtual Geographic Environment at Nanjing Normal University, and the Key Lab of Poyang Lake Ecological Environment and Resource Development at Jiangxi Normal University. Through the workshop, our original goal was achieved, which is to exchange latest advancement of Geospatial Information Technologies (GIT) between CPGIS scholars and professionals, experts, and students at three institutions in domestic China.

The project was co-sponsored by Nanjing Normal University, Jiangxi Normal University, East China institute of Technology, and CPGIS. I want to thank Profs. Lv, Guonian, Chen, Xiaoling, and Chen Xiaoyong for their generous support for this event. Thanks also go to five CPGIS scholars. Below are two pictures photographed during the event.

Cheers.

Le Wang
Chair, CPGIS 2009 “Go Home” committee

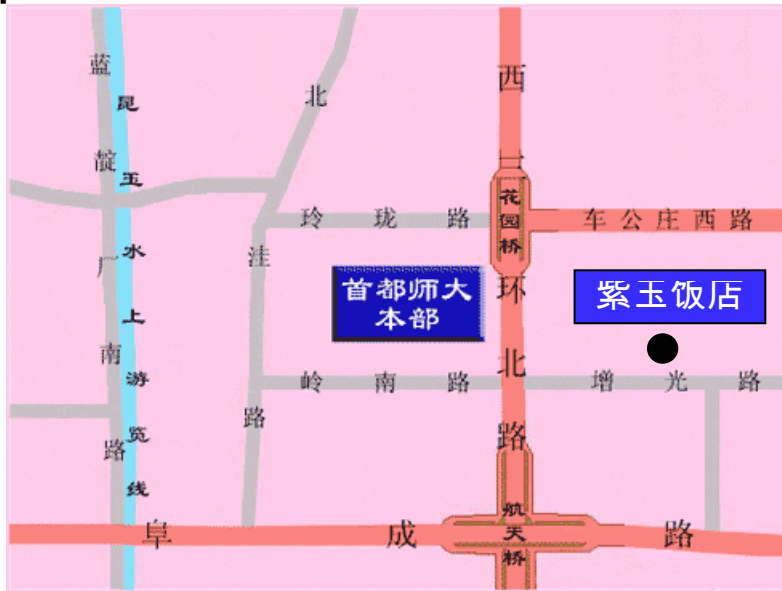
Report: CPGIS Conference Site Selection Committee

After some effort by the members of the committee and you, we received one proposal from PKU and CNU. We raised issues of dates and registration fee and they were subsequent addressed. The committee unanimously approved the proposal and then was approved by the BOD. The announcement was made in Geoinformatics 2009 in Fairfax.

Wei Luo

CPGIS 2009 Summer Research Workshop

※ Transportation



地址：北京市西三环北路增光路 55 号
电 话：010-68411188

Address: 55# Zeng Guang Road, Haidian District
Telephone #: 010-68411188

※ Venue

The 2nd Floor, ZI JIN building, ZI YU Hotel 紫玉饭店紫金楼二楼会议厅



※ **Time Table of Activities**

	Thursday,18 June		Friday,19 June
09:00-09:20	Opening Ceremony	09:00-11:30	Session III (Environment & Health)
09:20-09:30	Picture Time	12:00-13:30	Lunch
09:30-12:00	Session I (Web & GIS)	14:00-16:00	Panel Discussion
12:15-13:45	Lunch	Departure	
14:00-17:00	Session II (GIS and Urban Studies)		
17:00-	Dinner		

※ **Detailed Program**

Opening ceremony [Thursday, 18 June , 9:00-9:20]

Chair: Li, Xiaojuan

Gong Huili (Vice President, Capital Normal University)

Wu Lun (Deputy Director, Institute of RS and GIS, Peking University)

Lu Yongmei (CPGIS President, Texas State University, USA)

Session I: Web & GIS [Thursday,18 June, 9:30-12:00]

Chair: Liu, Yu

Pan, Qisheng, Texas Southern University, USA

The Application of Dynamic Composition of Web Services for GIS-based Regional Freight Transportation Modeling

Zhang, Xueying, Nanjing Normal University

Chinese toponym resolution and map services

Li, Jing, George Mason University, USA

Spatial Computing in Support of Geographic Sciences

Liu, Yu, Peking University

On Dealing with Geospatial knowledge

Zhang, Jing, Capital Normal University

The 9 -Grid Model in 12 orientation Coordinate Frame and the Topological Relationship

Session II: GIS and Urban Studies [Thursday, 18 June, 14:00-17:00]

Chair: Lu, Yongmei

Wei, Houkai, Center for Urban Development and Environment Study,
Chinese Academy of Social Sciences

The Transition of Urbanization in China and the New Special Forms of Urbanization

Wang, Le, University at Buffalo, USA

Improving Small Area Population Estimation with High Resolution Remote Sensing

Ma, Xiujun, Peking University

Individual Activities Data Collection, Mining and Simulation for Urban Mobility Studies

Lu, Yongmei, Texas State University, USA

& Yin, Weihong, Beijing Union University

GIS and Spatial Analysis for Livable City Studies

Liu, Xiaohang, San Francisco State University, USA

Urban Remote Sensing and Its Applications

Session III: Environment & Health [Friday, 19 June ,9:00-11:30]

Chair: Xu, Bing

Xu, Bing, Tsinghua University

Transmission of Infectious Diseases

Gong, Jianhua, Institute of Remote Sensing Applications, CAS

Human-Oriented Geographic Information Sciences

Guo, Qinghua, University of California, Merced, USA

Georeferencing and modeling textural locality data: a case study with natural museum collection data

Chen, Dongmei, Queen' s University, Canada

Simulating Climate and Environmental Changes to Evaluate the Potential Risk of Vector-borne Diseases in Canada

Session IV: Panel Discussion [Friday, 19 June ,14:00-16:00]

Li, Xiaojuan (Capital Normal University)

Mu, Lan (University of Georgia, USA)

Pu, Ruiliang (University of South Florida, USA)

Tang, Tao (Buffalo State College, USA)

Xu, Jun (Institute of Geographic Sciences and Natural Resources
Research, CAS)

Yang, Jun (Temple University, USA)

Newsletter members: Desheng Liu (chair), Jenny Du, Qinghua Guo, Xin Miao, Jun Yang,
Jun Yan (WKU). This issue is compiled and edited by Xin Miao. If you have any
suggestions or comments, please send them to XinMiao@missouristate.edu.