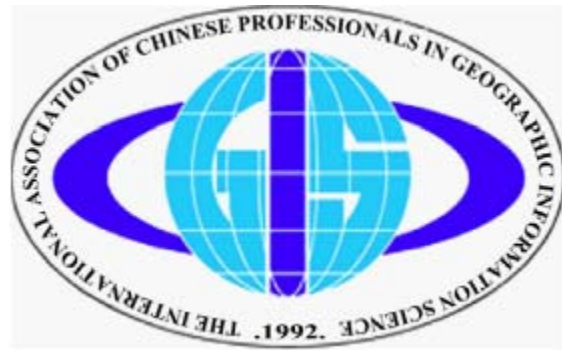


The International Association of Chinese Professionals in Geographic Information Science

CPGIS
2010
Newsletter



Lead Editors: Yuqi Bai, Qinghua Guo

Issue 6
Special Issue

Contents

1. CPGIS 2009-2010 President's Message	3
2. CPGIS 2009-2010 Annual Report	4
3. CPGIS 2008-2010 BOD Chair's Message.....	5
4. News	6
4.1 数字城市群建设与管理 学术研讨会将在香港中文大学举行 2010.11.25~26	6
4.2 Professor Xu Guanhua will receive the honorary doctor degree of The Chinese University of Hong Kong	7
5. Positions Available	8
5.1 Two Assistant and/Or Associate Professors – Geography	8
5.2 Faculty Positions -- College of Arts and Sciences The Ohio State University	9
5.3 Assistant Professor – Anthropology, California State Polytechnic University, Pomona	11
5.4 Four Faculty Positions in School of Geographical Sciences & Urban Planning, Arizona State University	12
5.5 Assistant Professor -- Geography (Atmospheric Environment), Universite De Montreal	13
5.6 Assistant Professor -- Environmental, Geographic & Geological Sciences, CUNY Lehman College	14
5.7 Tenure-Track Assistant Professor, Department of Geography and Geology, College of Arts and Sciences, Eastern Michigan University, Ypsilanti, Michigan.....	16
5.8 A tenure-track Historic Preservation Specialist at the Assistant Professor rank, Department of Geography and Geology, College of Arts and Sciences, Eastern Michigan University, Ypsilanti, Michigan.....	17
5.9 A tenure-track Urban and Regional Planning position at the Assistant Professor rank, Department of Geography and Geology, College of Arts and Sciences, Eastern Michigan University, Ypsilanti, Michigan.....	18
5.10 GIS Infrastructure Management Coordinator/GIMS Database Administrator, The Ohio Department of Transportation, Central Office.....	19
5.11 Post-doctoral Fellowship from ISEIS of CUHK	20
5.12 Postdoctoral Fellow/Research Associate – Hydrologic Modelling Software Development, Department of Geography at University of Guelph, Ontario, Canada	20
5.13 Psotdoc or Research Associate position in Spatial Intelligence, The Chinese University of Hong Kong	22
6. Call for Papers/Participations	23
6.1 International Symposium on Spatial-Temporal Analysis and Data Mining (18th – 20th July 2011, University College London, UK)	23
6.2 11th International Conference on Geocomputation (20th – 22nd July 2011 University College London, UK).....	24
6.3 Computers & Geosciences Special Issue “Towards a Geoprocessing Web”	25
6.4 COM.Geo 2011	26
7. Valuable materials.....	28
7.1 Geospatial Revolution / Episode Two	28

1. CPGIS 2009-2010 President's Message

Dear CPGIS Members:

First of all, I would like to say sorry for the late report and delaying Dr. Xun Shi's new team to begin their work. We have to wait for the voting results for the new BOD election and Bylaws amending and clarify some financial issues. It is very nice to see that Dr. Xun Shi's team already began conducting their obligations from the beginning of this month.

How time flies! One year passed so fast, it is time for me to submit CPGIS 2010 Annual Report here. Attached please find the report and its appendixes in pdf version.

The annual report was formed based on reports submitted by Headquarter, all committees, and some regions. Dr. Xun Shi, as the treasure, prepared the financial report based on his records and the records from Headquarter and China mainland region. However, I will take responsibility for any errors and/or missing, please don't hesitate to drop me a line should you find any mistakes. I would be more than happy to correct and re-announce them.

I would like to take this opportunity to thank our wonderful management team, including BOD, Headquarter, all committees, and all regional teams. All directors, chairs and mangers in those sub-teams played a very important and charming leading role in conducting their work in the past year. I would also like to appreciate the support and trust from all CPGIS members!

On behalf of CPGIS 2010 management team, I now announce that the CPGIS 2010 management team is officially dismissed. Dr. Xun Shi, hereby I officially hand over all the power to you and your team. I believe you will improve and develop our association to a higher level.

Thank you all again for your services and selfless contributions to CPGIS!

Tomorrow is Thanksgiving Day. I would like to express my sincerest blessing to all CPGIS members and friends:

Happy Thanksgiving Day!
Cheers!

Aijun Chen,
President of CPGIS 2010
Nov. 23rd, 2010

2. CPGIS 2009-2010 Annual Report



The CPGIS 2009-2010 annual report has been published online. You may directly download them from the following addresses.

<http://cpgis.org/Announcements/ShowContent.aspx?ID=88>

3. CPGIS 2008-2010 BOD Chair's Message

Dear CPGIS Members,

Congratulations to Diansheng on being elected as the President-Elect!
Congratulations to the members of the new BOD!

It was an honor for me and other BOD members to serve the CPGIS community during the past two years. Now it's time for the current BOD to say goodbye. Many of us, except for Yongmei, Aijun and Xun, will leave the virtual office of BOD. I will continue to serve CPGIS in other capacities, and I am sure others will do the same.

I am fully confident that CPGIS will thrive under the leadership of Xun as the President and the new BOD.

Best wishes to you all!

Lin

On behalf of the Board of Directors of CPGIS, 2008-2010

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Lin Liu, Ph.D., Professor and Head of Department
Co-Director, Joint Center of GIS and Spatial Analysis
Department of Geography
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University of Cincinnati
Cincinnati, OH 45221-0131
Phone: (513) 556-3429
Fax: (513) 556-3370
Email: lin.liu@uc.edu
<http://www.geography.uc.edu/~linliu/>

4. News

4.1 数字城市群建设与管理 学术研讨会将在香港中文大学举行 2010.11.25~26

数字城市群建设与管理研讨会

<i>Day 1</i>			
上午	9:00-9:30	开幕式	主持人：林瑛
		欢迎辞	香港中文大学 沈祖尧校长
		欢迎辞	全国人大资环委员会主任 汪光焘 院士
		欢迎辞	香港规划署凌嘉勤副署长
	9:30-10:10	主题发言	陆大道院士：大都市群的空间结构及一体化发展
	10:10-10:40		合影、茶歇
		第一专题	主持人：徐江
	10:40-11:00	薛凤旋 许志桦	国外城镇群发展理论与实践及其对中国城镇群的启示
	11:00-11:20	林拓	中国城市群发展模式的基本面向及其信息化的战略取向
	11:20-11:40	沈建法	港深大都会区的跨界发展、合作与竞争
11:40-12:00	查传祥	生态系统与未来城市	
	12:00-14:00		午餐
下午		第二专题	主持人：赵晓斌
	14:00-14:40	主题发言	叶嘉安院士：特大城市群的区域合作与数据共享
	14:40-15:00	高晓路 牛方曲等	中国城乡房屋构造数据库建设及震灾脆弱性评估
	15:00-15:20	侯全 李思名	大珠江三角洲地区交通设施建设与空间可达性的转变：2000-2009年及以后
	15:20-15:40	王剑 简逢敏	区域协同建构和谐数字城市群 -- 以长三角城市群发展为例
	15:40-16:00	蒙莉娜 黄波	高速铁路对区域城市交通通达性的影响
	16:00-16:15		茶歇
	16:15-17:45	第一讨论会	主持人：刘卫东 郭仁忠 沈建法
	18:30-20:30		欢迎晚宴
<i>Day 2</i>			
上午		第三专题	主持人：黄波
	9:00-9:40	主题发言	樊杰教授：我国城市群空间规划的新趋向与科技支撑
	9:40-10:00	孙志鸿 荣峻德	智慧型空间决策支持系统之研发
	10:00-10:20	李琦 毛曦	数字城市与碳管理
	10:20-10:40	林峰田 魏国强	雲端計算之資訊都市網絡與永續都市空間發展策略之探討
	10:40-11:00		茶歇
		第四专题	主持人：李时锦
	11:00-11:20	赵小锋	数字城市群与无线城市群的对比研究
	11:20-11:40	朱钥	基于复杂系统的城市空间智能计算平台研究
	11:40-12:00	赵俊彦 李琦	地球系统云计算平台与生态城市设计
12:00-12:20	郑新奇 等	基于 USDA 的城市群数字演化模型及其应用	
	12:20-14:00		午餐
下午		第五专题	主持人：党安荣

14:00-14:40	主题发言	鲍曙明：空间智能在城市群研究中的应用
14:40-15:00	罗晓燕	北京市土地资源和建设用地综合决策分析平台的研究与应用
15:00-15:20	党安荣 等	集成空间信息技术的数字城乡规划研究
15:20-15:40	官卫华 宋晶晶	区域竞合与都市圈成长：南京的探索与实践
15:40-16:00	李时锦 等	“三规合一”基础地理信息平台研究与实践
16:00-16:20	赵璐 郑新奇	基于三重底线的京津冀城市群可持续发展战略探析
16:20-16:40		茶歇
16:40-17:40	第二讨论会	主持人：何建邦 孙志鸿 李琦
17:40-17:50	闭幕式	主持人：林琿 樊杰

4.2 Professor Xu Guanhua will receive the honorary doctor degree of The Chinese University of Hong Kong

Professor Xu Guanhua, CPGIS honorary member, will receive the honorary doctor degree of The Chinese University of Hong Kong on Dec 16, 2010. The Institute of Space and Earth Information Science will have a party in the evening of Dec 17 to celebrate this. CPGIS representative will how our congratulation to him during this party.

5. Positions Available

5.1 Two Assistant and/Or Associate Professors – Geography

[http://socialsciences.academickeys.com/seeker_job_display.php?dothis=display&job\[IDX\]=27387](http://socialsciences.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=27387)

University of Maryland, College Park
Department of Geography

Position starting date	August 2011
Closing Date	For best consideration, applications should be submitted no later than December 1, 2010 but the search will continue until a suitable candidate is appointed

* Job Categories Assistant Professor

Associate Professor

* Academic Fields Interdisciplinary Studies

Geography

Social Sciences - General

TWO FACULTY POSITIONS (Human Dimensions of Global Change and/or Geospatial Information Sciences)
ASSISTANT/ASSOCIATE PROFESSOR LEVEL

The University of Maryland (College Park) Department of Geography invites applications for two faculty positions at either the tenured Associate Professor rank or tenure-track Assistant Professor rank, rank commensurate with experience.

These positions are expected to start on or about August 2011.

Salaries and benefits are highly competitive, commensurate with qualifications and experience.

A Ph.D. degree in geography or in a related area of the social, environmental or computer sciences is required.

Preference will be given to candidates with postdoctoral experience.

We are seeking the most outstanding candidates, with a track record of publications and awarded grants appropriate to rank, who will expand the breadth in our research and teaching in the social science aspects of Human

Dimension of Global Change (HDGC) and/or Geospatial Information Sciences (GIS). Within HDGC, we include the more traditional areas of; society and sustainability, land use and land cover change, impacts of climate change on human systems, human vulnerability, resilience adaptation and mitigation of the impacts of global change, sustainable food, fiber and water supply, health and global change, and patterns of resource consumption. Other possible research interests within the HDGC area include; the relationships between institutions, governance and the environment, the impact of the current demographic explosion on human and environmental systems, the impacts and sustainability of urban growth especially in developing countries and human welfare, livelihoods and social equity.

Along with physical and human systems, GIS is a primary strength and focus of academic and research activities at UMD. Most areas of expertise are sought within this area, but with particular emphasis on data systems management and modeling systems structures. Secondary interests in applying GIS towards integrating human and physical systems are also highly desirable. In addition, the department's highly successful MPS degree in Geospatial Information Sciences supports several PhD Teaching Assistants who may serve as advisees of the selected candidate.

Applications should include a personal statement of background and experience relevant to the position, including research, teaching and service activities, a signed, dated Curriculum Vitae, reprints of selected peer-reviewed publications, and names and addresses (including e-mail) of 3 - 5 references.

For best consideration, applications should be submitted no later than December 1, 2010 but the search will continue until a suitable candidate is appointed.

To Apply:

<http://jobs.umd.edu/applicants/Central?quickFind=52529>

Further information on this position and on academic and research programs of the Department may be obtained from the address above and can be found at: <http://www.geog.umd.edu>

5.2 Faculty Positions -- College of Arts and Sciences

The Ohio State University

[http://socialsciences.academickeys.com/seeker_job_display.php?dothis=display&job\[IDX\]=27372](http://socialsciences.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=27372)

Position starting date	Available Immediately (Posted Nov 2, 2010)
Closing Date	Open Until Filled

*** Job Categories**

- Assistant Professor
- Associate Professor
- Professor
- Endowed/Distinguished Professor

*** Academic Fields**

- Sociology - of Culture
- Sociology - Social Stratification
- Sociology - Crime, Justice & Law
- Sociology - General
- Public Policy & Administration
- Psychology - Neuropsychology
- Psychology - Developmental
- Psychology - General
- Political Science - Theory
- Political Science - General
- Interdisciplinary Studies
- Geography
- Economics - Microeconomics
- Economics - Industrial Organization
- Economics - General
- Communications/Journalism (all)
- Anthropology
- Social Sciences - General

The Ohio State University, one of the nation's leading public research universities, provides a distinctive educational experience for students and a research program of significant strength. Ohio State serves 61,000 students and is ranked 19th among national public research universities in the United States, according to U.S. News & World Report. Located in Ohio's capital city, Columbus, The Ohio State University is a major educational and economic force through its missions of teaching, research, and service.

The College of Arts and Sciences, home to 39 departments and schools and 20 world-class research centers and institutes, invites applications and nominations for the following full-time, tenure-track faculty positions.

For a complete vacancy announcement which includes position and application details, please see:

<http://go.osu.edu/as-facultyjobs>

5.3 Assistant Professor – Anthropology, California State Polytechnic University, Pomona

[http://socialsciences.academickeys.com/seeker_job_display.php?dothis=display&job\[IDX\]=27185](http://socialsciences.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=27185)

Department of Geography and Anthropology
California State Polytechnic University, Pomona, Pomona, CA

Position starting date	August 2011
Closing Date	Dec. 1, 2010

*** Job Categories**

Assistant Professor

*** Academic Fields**

Interdisciplinary Studies
Geography
Anthropology
Social Sciences - General

The new faculty member will teach undergraduate classes in general, cultural and biological anthropology, along with a regional specialty and course(s) with a community component.

The position requires excellence in teaching and advising, professional and scholarly achievements, and service to the university.

The successful candidate will demonstrate an interest in involving undergraduates in research and field activity, an ability to work in an interdisciplinary environment, and an enthusiasm for hands-on, learning-centered education.

Must be able to teach introductory courses in cultural anthropology, general

education courses in cultural and general anthropology, and specialized upper division courses in one or more fields.

Culture area Asia or Latin America preferred. An applied focus desirable. Interest in establishing a local research program desirable.

Some facility with anthropological use of GIS desirable.

5.4 Four Faculty Positions in School of Geographical Sciences & Urban Planning, Arizona State University

School of Geographical Sciences & Urban Planning
Arizona State University, Tempe, AZ

Position starting date	Fall 2011
Closing Date	Review of applications will begin December 1, 2010. Position will remain open until filled.

*** Job Categories**

Assistant Professor
Associate Professor
Professor

*** Academic Fields**

Social Sciences - General
Geography
Urban Studies and Planning

The School of Geographical Sciences and Urban Planning at Arizona State University is searching for candidates to fill four faculty positions beginning Fall 2011:

*** Job #9622**

Assistant Professor with a focus in one or more of the following: urban and regional economic analysis, housing, land and real estate markets, public finance and local economic development strategies

*** Job #9623**

Assistant or Associate Professor with a focus in GIS/Spatial Analysis

*** Job #9624**

Assistant Professor with a focus one or more of the following areas: urban

sustainability, housing policy, smart growth, transportation planning, and urban design

* Job #9625

Associate or Full Professor with a focus in urban design

Review of applications will begin December 1, 2010. Position will remain open until filled.

For complete qualification/application information, see

http://geoplan.asu.edu/faculty_positions

5.5 Assistant Professor -- Geography (Atmospheric Environment), Universite De Montreal

[http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job\[IDX\]=27147-SO101104m&oid=205832](http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=27147-SO101104m&oid=205832)

Position starting date	Jun. 1, 2011
Closing Date	Dec. 1, 2010

*** Job Categories**

Professor

*** Academic Fields**

Geography

Environmental Sciences/Ecology/Forestry

Atmospheric Sciences

Sciences - General

Professor in Atmospheric Environment

The Department of Geography invites applications for a full-time tenure-track position as Assistant Professor in Geography with a specialization in Atmospheric Environment.

Responsibilities:

Successful candidates are expected to teach all three levels of the curriculum, supervise graduate students, conduct research, produce publications, and contribute to the reputation and academic life of the institution.

Requirements:

- PhD in Geography, Atmospheric Sciences or a related discipline.
- Teaching and research experience.
- A research program related to those of the department (aerobiology, hydrology, paleoecology or health and environment) would be an asset.
- Proficiency in the French language.

The Université de Montréal is a Québec university with an international reputation. French is the teaching language. To revitalize its teaching staff, the University is intensively recruiting the world's best specialists. In accordance with the institution's language policy , new incumbents who are not already proficient in French will receive support to learn the language.

Salary:

The Université de Montréal offers a competitive salary and a complete range of fringe benefits.

Deadline:

The complete application, including a cover letter, curriculum vitae, three copies of recent publications and research, a research proposal and a statement of teaching interests, [must be received at the address below by December 1, 2010.](#)

Three letters of recommendation are to be sent directly by three people to the department director at the following address:

Paul Comtois, Director -- Department of Geography
Université de Montréal
P.O. Box 6128
Station Centre-Ville
Montreal, Quebec H3C 3J7 CANADA

5.6 Assistant Professor -- Environmental, Geographic & Geological Sciences, CUNY Lehman College

[http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job\[IDX\]=27121-SO101104m&oid=205832](http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=27121-SO101104m&oid=205832)

Position starting date	Fall 2011
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Closing Date	Open until filled
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*** Job Categories**

Assistant Professor

*** Academic Fields**

Sciences - General

Environmental Sciences/Ecology/Forestry

Geology/Geosciences - General

Geography

CAMPUS SPECIFIC INFORMATION:

Applications are invited for a tenure-track Assistant Professorship in Environmental, Geographic and Geological Sciences (EGGS).

We seek candidates with expertise in urban, medical/health, or environmental geography with a strong background in Geographic Information Science applications in their area of research focus. Knowledge of remote sensing is a plus.

The Geographic Information Science (GISc) Program in EGGS specializes in urban, health, and environmental spatial sciences with a strong emphasis on quantitative analysis and modeling.

The candidate is expected to participate fully in teaching at the undergraduate and graduate levels in this multidisciplinary department; advise students; engage in scholarly research and publication; seek outside funding; collaborate in developing a research agenda and curricula for departmental programs; and actively participate in departmental and College committees, professional organizations, and community service.

Contact Information

Stefan.Becker@lehman.cuny.edu

Geographic Information Science (GISc) Program

CUNY Lehman College

Bronx, NY

5.7 Tenure-Track Assistant Professor, Department of Geography and Geology, College of Arts and Sciences, Eastern Michigan University, Ypsilanti, Michigan

Position starting date	September 2011
Closing Date	The review of applications will begin January 17, 2011 and continue until the position is filled.

The Department of Geography and Geology invites applications for a tenure-track Assistant Professor position in Geographic Education with complementary interests in human, cultural or historical geography. This is a full-time position in the Geography Program to begin September, 2011.

A Ph.D. or Ed.D. is preferred, but candidates who have earned an MA/MS plus significant additional credit in Geography, or a related field are welcome. The successful candidate must commit to developing and implementing coursework to address the high geographic standards of Michigan's Grade Level and High School Content Expectations.

In addition to geographic education course development and teaching, candidates are expected to teach in their areas of expertise. Other responsibilities include advising of geography education majors/minors, work across campus to strengthen teacher training, and working to improve the teaching of geography.

The GEOGRAPHY program at Eastern Michigan University is the oldest active program west of the Appalachian Mountains. The department is internationally known for its growing expertise in GIS, both for teacher training, both face-to-face and online. EMU's Institute for Geospatial Research and Education provides a platform for work with teachers nationwide, and has long-term partnerships with many school districts, including Detroit Public Schools.

Applicants should send a letter of application that includes a statement of qualifications and teaching and research interests; a detailed curriculum vitae that includes education, publications, teaching, and research experience; and the names, addresses, phone numbers, and e-mail addresses of at least three references familiar with your teaching and research experience and/or potential. Send applications or requests for further information to: Posting FA111120E Academic Human Resources, 202 Boone Hall, Eastern Michigan University, Ypsilanti, Michigan 48197.

The review of applications will begin January 17, 2011 and continue until the position is filled. Eastern Michigan University is an Affirmative Action, Equal Employment Opportunity employer. The Department especially encourages application from minorities and women. Eastern Michigan University is located between Detroit and Ann Arbor, Michigan, and is one of the largest producers of K-12 teachers in the country. For additional information about the university see our website:

www.emich.edu

Dr. Yichun Xie, Chair
Search Committee for Human/Cultural/Historical Geographic Education Specialist
Department of Geography and Geology
email: yxie@emich.edu

5.8 A tenure-track Historic Preservation Specialist at the Assistant Professor rank, Department of Geography and Geology, College of Arts and Sciences, Eastern Michigan University, Ypsilanti, Michigan

Position starting date	September 2011
Closing Date	Review of applications will begin January 1, 2011.

The Department of Geography and Geology, at Eastern Michigan University is accepting applications for a tenure-track Historic Preservation Specialist at the Assistant Professor rank. The full-time position in the Department's Graduate Historic Preservation program begins September 2011. The preferred candidate has Ph.D. (or 18+ hours of post-graduate credits) in Historic Preservation, American Studies, Historic Architecture, Preservation Planning, Public History, Heritage Tourism, Tourism Geography, or related field. Demonstrated experience or potential in teaching, research, publications, and grants is required. Proficiency in developing online and hybrid courses is preferred. Teaching responsibilities may include preservation basics, adaptive use, architectural interpretation, building technology, vernacular architecture, grants and funding, heritage interpretation/tourism, Geo/sustainable tourism,

and field methods.

Complete description at <http://www.emich.edu/academics>; follow links under Academic Affairs "Jobs at EMU-Academic" to position # FA1118E. Review of applications will begin January 1, 2011.

5.9 A tenure-track Urban and Regional Planning position at the Assistant Professor rank, Department of Geography and Geology, College of Arts and Sciences, Eastern Michigan University, Ypsilanti, Michigan

Position starting date	September 2011
Closing Date	Review of applicants will begin January 17, 2011, and applications will be accepted until the position is filled.

The Department of Geography and Geology invites applications for a tenure-track Urban and Regional Planning position at the Assistant Professor rank. This is a full-time, eight-month appointment in the Urban and Regional Planning Program to begin September, 2011. Candidates are expected to hold a Ph.D. (or be ABD) in Planning or a related field, although those with a professional master's degree, at least 18 hours of additional course work, and significant planning experience will be considered. Applicants should demonstrate experience or potential in teaching at both the undergraduate and graduate levels. Research, publications, grants, curriculum development, and advising are also important considerations to address in the application materials, as is community engagement/service.

Founded in 1975, EMU's Urban and Regional Planning Program includes an accredited undergraduate program with approximately fifty majors. The graduate program averages twenty-five actively enrolled students. Other programs in the department include Geography, GIS, Historic Preservation, and Earth System Science. New interdisciplinary program initiatives are currently underway in the areas of sustainability and in environmental studies/environmental science. The program is also interested in candidates who might contribute to other planning specializations such as housing and community development, transportation and land use, public policy, geo-tourism and economic development, or professional practice. The successful applicant will be expected to work with students at both the

undergraduate and graduate levels, as well as successfully integrate with other programs in the department.

EMU's campus is located in Ypsilanti, near Ann Arbor and 35 miles from Detroit. The area offers excellent quality of life and amenities.

Review of applicants will begin January 17, 2011, and applications will be accepted until the position is filled. The Program's website is: <http://planning.emich.edu/>. Additional information about the university can be found at: <http://www.emich.edu>. Questions can be addressed to:

Prof. Nina David, Search Committee Chair
Urban and Regional Planning Program
Department of Geography and Geology
Eastern Michigan University
Ypsilanti, MI 48197

e-mail (preferred): ndavid@emich.edu
phone: 734/487-7582

Complete description and online application can be found at <http://www.emich.edu/academics>
follow links under Academic Affairs "Jobs at EMU-Academics" to position #FA 1119E. For additional information contact the search committee chair.

5.10 GIS Infrastructure Management Coordinator/GIMS Database Administrator, The Ohio Department of Transportation, Central Office

http://agency.governmentjobs.com/ohio/job_bulletin.cfm?JobID=230671

Job Type: Full-Time, Permanent, Exempt
Location: Franklin County
Promotional Bid:
classified position (may include promotion, transfer or demotion)
Job Location: 1980 West Broad St., Columbus, OH 43223
Division: Transportation Systems Development, Office of Innovation
Opening Date: Fri. 05/21/10
Closing Date/Time: Continuous
Pay Range: 13
Hours of work: 7:00am - 4:00pm *Hours may vary due to operational needs

Salary: \$52,832.00 - \$68,972.80 Annually \$25.40 - \$33.16 Hourly

5.11 Post-doctoral Fellowship from ISEIS of CUHK

Postdoctoral Research Fellow

Applicants should have (i) a PhD degree in geographic information science, geography or a related disciplines; (ii) in-depth knowledge and understanding on historic GIS /spatial analysis, and spatial statistics on humanities or social science; (iii) fluency in English and Chinese, both written and verbal; and (iv) with previous experience in historic GIS database development.

The appointee is expected to conduct researches and consultation projects of GIS applications in humanities and social science, and to teach in relevant fields.

Appointment will be made on the contract basis for one year commencing as soon as possible. Applicants are encouraged to submit full application materials (latest cv with publication examples and two referees' contact info, plus a research plan) to the Personnel Office of The Chinese University of Hong Kong before or by Nov 30, 2010.

Application form can be downloaded from the following website:

http://perntc.per.cuhk.edu.hk/personnel/form_application.asp

5.12 Postdoctoral Fellow/Research Associate – Hydrologic Modelling Software Development, Department of Geography at University of Guelph, Ontario, Canada

Position starting date	January - December, 2011 with possible renewal
Closing	The screening process will start on December 1, 2010 and

Date	continue until the position is filled.
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Postdoctoral Fellow/Research Associate – Hydrologic Modelling Software Development (January - December, 2011 with possible renewal)

The Watershed Evaluation Group in the Department of Geography at University of Guelph is seeking a postdoctoral fellow or research associate to join the research team led by Drs. Wanhong Yang and Yongbo Liu. The team members, comprising postdoctoral fellows, graduate, and undergraduate research assistants, have versatile expertise in the field of hydrologic and water quality modeling, watershed analysis, evaluation of beneficial management practices (BMPs), application of geographical information science (GIS), and integration of GIS, hydrologic and economic models. The successful candidate on this position is expected to conduct software design and development for a full distributed, modular hydrologic modelling system. S/he should have strong skills in computer programming and GIS software development. A research background on water resources management and knowledge on watershed models such as the Soil and Water Assessment Tool (SWAT) would be important assets. The position may be filled as either a postdoctoral fellow or a research associate. For the postdoctoral fellow, a Ph.D. degree is required at the time of appointment, whereas, the excellent candidates holding a master degree will be hired as a research associate. This is a full-time, grant-funded research position for one year with possible renewal upon fund availability and a satisfactory performance.

The screening process will start on December 1, 2010 and continue until the position is filled. Applicants should submit a curriculum vita, a one-page statement of research philosophy and interest, and the contact information of three referees, to:

Drs. Wanhong Yang and Yongbo Liu
Department of Geography
University of Guelph
Guelph, Ontario, Canada N1G 2W1
E-mail: wayang@uoguelph.ca, lyongbo@uoguelph.ca
Ph: (519)824-4120 Ext. 53090 or 52684
Fax: (519)837-2940
Websites:
<http://www.uoguelph.ca/geography/people/faculty/yang.shtml>
<http://www.uoguelph.ca/geography/people/researchers/liu.shtml>

5.13 Postdoc or Research Associate position in Spatial Intelligence, The Chinese University of Hong Kong

Post-doctoral Research Fellow or Research Associate (RA)

We are seeking a Post-doctoral Research Fellow (with PhD degree) or a Research Associate to join our research group on Spatial Intelligence. Candidates are required to specialize in Remote sensing image processing (with familiarity with image fusion) or Spatial optimization (multi-objective optimization) or Spatial statistics. We offer competitive salary/benefits. Interested applicants please send your CV to me at bohuang@cuhk.edu.hk as soon as possible. The job can start immediately.

Prof. Bo Huang
Department of Geography and Resource Management
The Chinese University of Hong Kong
Shatin, NT, Hong Kong
Tel: 852-2609-6536 Fax: 852-2603-5006
E-mail: bohuang@cuhk.edu.hk

6. Call for Papers/Participations

6.1 International Symposium on Spatial-Temporal Analysis and Data Mining (18th – 20th July 2011, University College London, UK)

<http://standard.cege.ucl.ac.uk/workshops/STDM2011/>

Call for Papers and Sessions

18th – 20th July 2011
University College London, UK

The symposium will address issues including but not limited to the following research topics:

- integrated modelling of space and time
- spatio-temporal autocorrelation
- space-time series analysis and prediction
- geostatistics and spatio-temporal analysis
- network complexity and spatio-temporal analysis
- intelligent computation and machine learning for space-time analysis
- spatio-temporal simulation and visualisation
- Web-based spatial-temporal models and applications
- multi-sensor, multi-resolution and multi-mode data fusion
- spatio-temporal data analysis and data mining in economics, transport, crime, health and environmental monitoring
- spatio-temporal applications in mobile, wireless, location-based service networks
- applications in geodemographics, urban studies, criminology and transportation modeling

Important Dates

Abstract submission: 28th January 2011

Notification of acceptance: 28th February 2011

Early Bird registration: 28th March 2011

Registration: 27th May 2011

Conference: 18th – 20th July 2011

6.2 11th International Conference on Geocomputation (20th – 22nd July 2011 University College London, UK)

<http://standard.cege.ucl.ac.uk/workshops/Geocomputation>

Call for Papers and Sessions

The themes of GeoComputation 2011 will include, but not be limited to, the following research topics:

- new geocomputational algorithms and architectures
- geostatistics and spatial simulation
- cloud computing
- spatial applications of evolutionary computing
- agent-based modelling and cellular automata
- geographical visualisation and geovisual analytics
- accuracy and uncertainty of geocomputational models
- spatio-temporal data mining and knowledge discovery
- teaching of geocomputation
- applications in environmental, ecological and biological modelling and analysis
- applications in health and medical informatics
- applications in geodemographics, urban studies, criminology and transportation modeling

Contributors are invited to submit extended abstracts (maximum 1500 words, including references), which will be reviewed for inclusion in the conference program. Accepted abstracts will be published in the digital conference proceedings, as long as at least one of the authors is registered for the conference prior to the 'early bird' registration deadline. Selected full conference papers will be published in a special issue of the **ISI journal Computers, Environment and Urban Systems**.

Important Dates

Abstract submission: 28th January 2011

Notification of acceptance: 28th February 2011

Early Bird registration: 28th March 2011

Registration: 27th May 2011

Conference: 20th – 22nd July 2011

6.3 Computers & Geosciences Special Issue “Towards a Geoprocessing Web”

Special Issue Computers & Geosciences Call for Papers

Deadline for submission of manuscripts: March 15, 2011

Towards a Geoprocessing Web

As Web services technology has matured in recent years, a new scalable Service-Oriented Architecture (SOA) is emerging as the basis for distributed computing and large networks of collaborating applications. Meanwhile, an increasing amount of geospatial content and capabilities are available online as Web services. These Web Services allow users to collect, analyze and derive geospatial data, information, and knowledge on the Web in an interoperable way. In this respect, the analysis and transformation of geospatial data into geospatial information performed by Web-based geoprocessing is important. Moreover, Web-based geoprocessing of distributed geospatial information is changing the way in which geoscience applications and systems are designed, developed and used. Therefore, the Geoprocessing Web is emerging currently as one of the most desirable and vital research areas of geospatial information. The research on Geoprocessing Web is not limited to Web service technology, but also requires new domain-specific concepts and methodologies, and new approaches regarding development and management.

This special issue is to collect the current representative research in the area of Geoprocessing Web. To this aim, we seek a number of high-quality research and application papers that discuss the state-of-the-art research on theoretic framework and practical implementations, and identify challenges and open issues in Geoprocessing Web.

Topics of interests include, but are not limited to:

- Service-Oriented Architecture for the Geoprocessing Web
- Geoprocessing in the Grid and in the Cloud computing
- Geoprocessing and Linked data
- Standards and Metadata for Geoprocessing
- Discovery in the Geoprocessing Web
- Quality of Service and Service Level Agreement in the Geoprocessing Web
- Geoprocessing Web and the Model Web
- Geospatial e-Science Workflow
- Applications in the Geoprocessing Web

**** Important Dates**

Paper submission deadline: March 15, 2011
Author notification: May 15, 2011
Revisions submitted: July 15, 2011
Final acceptance: August 30, 2011
Publication: 4th quarter of 2011

****Submission Guidelines**

Manuscripts should be previously unpublished, 8-12 pages (3000-5000 words) and follow

Elsevier's formatting guidelines. Submission is via the Elsevier online paper submission system(<http://ees.elsevier.com/cageo/default.asp>, Article Type is Special Issue: Geoprocessing Web). All manuscripts will be peer-reviewed by at least two professionals. Qualified papers will be reviewed and recommended by the guest editors, with final decisions made by the journal's editors.

****Guest Editors**

Peisheng Zhao

Center for Spatial Information Science and Systems (CSISS), George Mason University
NASA-GSFC
Email: pzhao@gmu.edu

Feng Lu

State Key Laboratory of Resources and Environmental Information Systems, Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences,
Email: luf@lreis.ac.cn

Theodor Foerster

Institute for Geoinformatics, University of Münster, Germany
Email: theodor.foerster@uni-muenster.de

6.4 COM.Geo 2011

COM.Geo 2011: 2nd International Conference and Exhibition on Computing for Geospatial Research and Application

23-25 May 2011, Washington, DC <http://www.com-geo.org>

The explosion of computing driven location based applications in the past few years has revolutionized the way we live and work. COM.Geo is an international conference and exhibition on computing for geospatial research and application with focuses on the latest computing technologies for multidisciplinary research and development that enables the exploration in geospatial. COM.Geo is an exclusive event that connects researchers,

developers, scientists, and application users in both computing and geospatial fields.

CALL FOR SUBMISSIONS

COM.Geo is a leading-edge conference for computing for geospatial research and application. We invite you to submit your research or application work to the following programs:

- * Full Papers
- * Short Papers
- * Tech Talks
- * Demo Talks
- * Panels/Panels+
- * Posters
- * Courses
- * Invited Sessions
- * Workshops

The complete submission details are at: <http://www.com-geo.org>.

SPECIAL SESSIONS

COM.Geo 2011 would like to invite you submit proposals for special

Panels/Courses/Workshops/Invited sessions on the following topics, but not limited to:

- * 3D GIS Development based on Google Earth, Bing Map, WorldWind, or ArcGlobe and ArcScene
- * ArcGIS Server
- * Augmented Reality
- * Geospatial Cloud Computing
- * GIS in Transportation (Aviation, Highway, and Railway)
- * GPU based Rendering/Image Processing
- * Hazard GIS
- * LIDAR Data Processing and Visualization
- * Open Source Geospatial Software (MapServer, Geoserver, etc.)
- * Places Apps (Google Places, Facebook Places, or Twitter Places)
- * RDBMS Spatial (Oracle Spatial, Microsoft SQLServer Spatial, PostGIS, etc.)
- * Sensor Web
- * Smartphone (Android, iPhone, Windows Phone 7, Symbian, etc.) Geospatial Apps
- * Virtual City/Smart City

IMPORTANT SUBMISSION DEADLINES

Full and Short Papers: January 24, 2011, 11:59PM EST

Courses Proposal: March 8, 2011

Panels/Panels+ Proposal: March 8, 2011

Tech Talks/Posters Abstract: March 8, 2011

Invited Sessions Proposal: Dec. 20, 2010

Workshops Proposal: Dec. 20, 2010

Demo Talks / Posters Abstract: Apr. 10, 2011

Conference Dates: May 23-25, 2011 Washington DC

7. Valuable materials

7.1 Geospatial Revolution / Episode Two

<http://geospatialrevolution.psu.edu/episode2/complete>

Recommended by Prof. Yun Zhang

