



State Key Laboratory of Resources and Environmental Information Systems,  
Institute of Geographical Sciences and Natural Resources Research,  
Chinese Academy of Sciences, Beijing, China

DEPARTMENT OF  
GEOGRAPHY

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香港浸會大學  
HONG KONG BAPTIST UNIVERSITY  
環境科學研究所  
INSTITUTE FOR ENVIRONMENTAL SCIENCES



The Hong Kong Medical Association  
香港醫學會



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# Invitation to the Conference and Call for Papers

## Invitation to the Conference

Welcome!

The Department of Geography of The University of Hong Kong (HKU) and the State Key Laboratory of Resources and Environmental Information Systems (LREIS) of the Chinese Academy of Sciences in Beijing are proud to present the International Conference in GIS and Health –

**Geospatial Research and Application Frontiers in Environmental and Public Health Systems (GRAPEPHS 2006).**

The conference will be held on 27-29 June 2006 at the Eaton Hotel in Hong Kong. The 3-day conference will provide a forum for geospatial experts, practising epidemiologists, statisticians, environmentalists, toxicologists, and public health physicians concerned with the impact of environmental exposures on the health of populations to chart their research paths and agenda. Eminent scholars and researchers in these fields will be invited to share views and ideas on research and applications through a series of paper presentations.



## Objectives of the Conference

- Improving the ability of those concerned in identifying environmental priorities and improving public health planning policy;
- Assisting the consolidation of different research ideas and development directions;
- Fostering possible international research and applied collaborations;
- Assembling scholarly works for publication in conference proceedings or special reports; and
- Making recommendations to the government departments and health organizations in Hong Kong and other countries on infrastructural and other requirements for public and environmental health control.

## Audience:

Medical professionals, academics, GIS practitioners, policy makers and parties interested in applications of environmental and health problems from the spatial perspective are welcome.

## Abstract and Paper Submission

We are very pleased to announce that **Springer Verlag** has agreed to publish our post-conference selected papers. The book will be published under the series *Lecture Notes in Geoinformation and Cartography* and tentatively named as **"Geospatial Research and Application Frontiers in Environmental and Public Health Systems - Development in the Asia Pacific Regions"**. The publication will be indexed in the Library of Congress, Washington, D.C., USA.

Kindly note that abstract submissions are still welcome but interested persons should submit the downloadable "Abstract Submission Form" by email with the subject heading of "Abstract Submission" to Miss Kawin Chan at [chankw1@hkucc.hku.hk](mailto:chankw1@hkucc.hku.hk) as soon as possible.

Papers using GIS and Geospatial techniques in the following areas are encouraged:

- Epidemiological catastrophe
- Environmental modeling and disease occurrences
- Population and public health disease surveillance
- Health care planning
- Methodological issues of GIS in health
- Technical perspectives of GIS in health
- Local case study and Future trends

Acceptance as paper presenters does not indicate automatic registration for the Conference. Payment for registration fee by paper presenters is required upon acceptance of abstract. Further instruction for full paper submission will be given upon acceptance of abstract.

## Important Dates

<b>Due date of <u>1<sup>st</sup> Round</u> abstract submission</b>	<b><u>31 January 2006</u></b>
<b>Notification of acceptance of abstract to <u>1<sup>st</sup> Round</u> paper presenters</b>	<b><u>24 February 2006</u></b>
<b><u>1<sup>st</sup> Round</u> full paper submission and due date of <u>2<sup>nd</sup> Round</u> abstract submission</b>	<b><u>15 April 2006</u></b>
<b>Notification of acceptance of abstract to <u>2<sup>nd</sup> Round</u> paper presenters</b>	<b><u>24 April 2006</u></b>
<b><u>2<sup>nd</sup> Round</u> full paper submission</b>	<b><u>20 May 2006</u></b>
<b>Registration deadline:</b>	<b><u>10 June 2006</u></b>
<b>Dates of conference</b>	<b><u>27-29 June 2006</u></b>

# Conference Programme

The conference programme is approaching finalisation. The latest provisional conference programme and list of confirmed presenters are now available at the conference website.

## Keynote Speakers (in alphabetical order)

### Dr. Charles M. Croner

*Geographer and Survey Statistician*  
Office of Research and Methodology  
Centers for Disease Control and Prevention, USA  
*GIS and Public Health 2006: Horizons and Challenges*

### Professor Gerald Rushton

*Department of Geography*  
The University of Iowa, USA  
*Health Inequalities and the Provision of Health Services: Using GIS to Make a Difference*

### Professor Tony Gatrell

*Professor of Geography of Health*  
Director of the Institute for Health Research  
Lancaster University, UK  
*Exploratory Spatial Analysis Methods in Cancer Control and Prevention*

### Professor Jinfeng Wang

*Research Professor*  
State Key Laboratory of Resources and Environmental Information Systems (LREIS)  
Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences, China  
*Risk Diagnosis and Process Modeling for Epidemics*

## Feature Presentations and Panel Discussions

The **Feature Presentation** and **"Meet the Expert" Panel Discussion Sessions** led by eminent scholars in spatial epidemiology will further discussions on a given topic between the participants and experts. The sessions will provide an occasion to amalgamate experiences and share the latest technological and methodological approaches in handling environmental and public health matters. Representatives from international and national institutes can have dialogue and establish an understanding for more effective international cooperation. Feature Speakers include:

### Mr. Paul Harris

*Chief Executive Officer*  
NGIS Australia  
*GIS and Health Information Provision in Post-Tsunami Nanggroe Aceh Darussalam*  
Co-author: Dylan Shaw, United Nations Information Management Service (UNIMS)

### Dr. Augusto Pinto

*Medical Officer*  
World Health Organization, Geneva  
*Estimating Population Size Using Spatial Analysis Methods*

## Regular Presentation Sessions

Over 40 speakers from 15 countries will offer a great opportunity for practitioners in geographical, environmental and medical fields to exchange ideas and share the excitement of good science for the benefit of mankind.

Themes of the Regular Presentation Sessions include:

- **Health Care Planning and System**
- **Methodological and Technical Issues**
- **Spatial Epidemiology and Surveillance**
- **Population and Public Health**
- **Local Case Study and Future Trends**

## Highlights of the Regular Presentation Sessions:

### Dr. Karoon Chanachai

*Veterinarian Officer*  
Field Epidemiology Training Program - Thailand,  
Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health, Nonthaburi, Thailand  
*Avian Influenza Outbreak in Poultry of High Risk Area in Thailand, June-December, 2005*

### Prof. Abdul Rashid Bin Mohamed Shariff

*Associate Professor, Head of Department*  
Biological and Agricultural Engineering,  
Faculty of Engineering, Universiti Putra Malaysia, Malaysia  
*Application of Remote Sensing and GIS on Dengue Epidemic Surveillance*

### Professor Pratap Singhasivanon

*Dean, Faculty of Tropical Medicine*  
Director,  
SEAMEO TROPED Regional Centre for Tropical Medicine  
University of Mahidol, Thailand  
*Spatial Clustering and Temporal Dynamics of Malaria Transmission in Rural Communities Near the Thai-Myanmar Border*

### Dr. Chris Skelly

*Reader*  
Institute for the Environment, Brunel University,  
United Kingdom  
*Designing Disease Surveillance Systems for a World of Emerging Threats*

### Dr. Winnie Shuk Ming Tang

*Chief Executive Officer*  
ESRI China (Hong Kong) Ltd.  
*Enterprise GIS Approach for Public Health Organizations*

### Dr. Chantal S Tomkins

*Research Fellow*  
School of Population Health, University of Western Australia, Australia  
*Is Dust Causing the High Asthma Rates in Australia? Can GIS Answer This?*

### Dr. Paul White

*Principal Advisor (Spatial Epidemiology)*  
Public Health Intelligence, Public Health Directorate,  
Ministry of Health, New Zealand  
*Spatial Epidemiological Investigation of Legionellosis Outbreak in Christchurch (April-August 2005): The value of GIS to Practical Public Health*



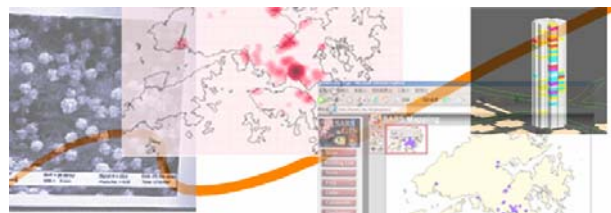


International Conference in GIS and Health

# GRAFEPHS 2006

27-29 June 2006, Hong Kong

Department of Geography, The University of Hong Kong



## Conference Programme (continue)

### Gala Dinner: 28 June 2006

(HK\$350 per person and registration is required)

A delightful 3-hour Gala Dinner will be held at the Eaton Hotel on the second night of the conference with fine Guangdong cuisine. The dinner will allow participants to enjoy food with peers and meet new friends in the relaxing atmosphere.

### Exhibition: 27-29 June 2006

Various academic institutes, government departments and private vendors have been invited to demonstrate their innovations, applications and products concerning environmental epidemiology.

## CME and CPD Accreditation

This event has been accredited as a **Continual Professional Development (CPD)** and **Continual Medical Education (CME)** activity of leading professional bodies in Hong Kong. Please refer to the conference website for details.

## Information for Participants

### Conference Venue:

The Eaton Hotel is located on Nathan Road in the heart of Kowloon's famous shopping and commercial district.

- 5-minute drive to the China Ferry Terminal
- 10-minute drive to the Kowloon-Canton Railway (KCR) Station
- 45-minute drive to the Hong Kong International Airport
- 5-minute drive to the Kowloon Airport Express (AEL) Station

### Accommodations

Special conference accommodation rates have been arranged with various hotels in close proximity to the conference venue at Eaton Hotel for the convenience of our participants. Please kindly send an email to Miss Kawin Chan at [chankw1@hkucc.hku.hk](mailto:chankw1@hkucc.hku.hk) for accommodation arrangements.

## First-come-first-serve and Seats are limited

To reserve your seat, please complete the downloadable registration form and fax it to Miss Kawin Chan at (852) 2559-8994. Seats will be confirmed by email upon receipt of a cheque or bank draft with the appropriate fee.

## Registration Deadline: 10 June 2006

## Registration

### Registration for Participants:

To register, please complete the registration form and send it by post together with a cheque or bank draft for the appropriate fee to the address of:

**Department of Geography,  
The University of Hong Kong,  
Pokfulam Road, Hong Kong, China.  
Attn: Miss Kawin Chan, GRAFEPHS 2006**

### Registration Fees:

Registration fee includes admission to all conference sessions and a conference package (including a copy of conference proceeding in CD-Rom). Given the new funding support from the **Professional Services Assistance Development Scheme (PSDAS) of the HKSAR Government**, we are pleased to announce the discounted conference registration fee for Hong Kong Residents as follows:

<u>Regular Registration</u>	<u>HK\$</u>	<u>US\$</u>
(postmarked on 01 February 2006 and thereafter)		
<b>Standard Registration for Hong Kong Residents*</b>	1500	--
* The discounted registration fee for Hong Kong Residents only is made possible with funding support from the PSDAS.		
<b>Standard Registration for Overseas visitors</b>	2400	310
<b>Student Registration</b> (full-time student only and xerox copy of student ID must be provided)	1000	130
<b>HKGISA, HKSPRS or HK Medical Association (HKMA) members</b> (xerox copy of membership card must be provided)	1300	--
<u>Optional</u>	<u>HK\$</u>	<u>US\$</u>
<b>Conference dinner on 28 June 2006 at the Eaton Hotel</b> (optional)	350	45
<b>Each extra copy of Conference proceeding in CD-Rom</b> (optional and for individuals not attending the conference)	230	30

### Payment Method:

Participant can pay the registration fee either by cheque in Hong Kong dollars or bank draft in US dollars (Personal cheque issued by foreign banks is NOT accepted). All cheques or bank drafts should be crossed and made payable to **The University of Hong Kong**. **No post-date cheque/bank draft will be accepted**. Registration will be confirmed by email notification upon receipt of payment.



# 1<sup>st</sup> GIS International Conference Geospatial Research and Application Frontiers in Environmental and Public Health Systems (GRAFEPS) 2006

## Registration Form - Revised

Office Use:

Registration No: \_\_\_\_\_

**All contact information MUST be provided for registration.**

To register, please complete the registration form and send it by post together with a cheque or bank draft for the appropriate fee to the address of: **Department of Geography, The University of Hong Kong, Pokfulam Road, Hong Kong, China. Attn: Miss Kawin Chan, GRAFEPS 2006 Conference**

### Personal Information

Title [Dr/Mr/Mrs/Ms]	Name [Surname first]		
Position			
Organization/ Company Name			
Organization/ Company Address			
Postal Code <i>[if applicable]</i>		Country	
Mailing address <i>(if different from organization address)</i>			
Postal Code <i>[if applicable]</i>		Country	
Telephone		Fax	
Mobile		Pager	
Email			

### Conference Registration:

Registration fee includes admission to all conference sessions and a conference package with proceedings. Kindly note that acceptance as a paper presenter does not indicate automatic registration for the Conference. Payment for registration fee by paper presenter is required. Please check the appropriate box below:

Regular Registration <i>(postmarked on 01 February 2006 and thereafter)</i>	HK\$	US\$
Standard Registration for Hong Kong residents* <i>(a xerox copy of Hong Kong ID must be provided)</i>	<input type="checkbox"/> \$1,500	
Standard Registration for Overseas visitor	<input type="checkbox"/> \$2,400	<input type="checkbox"/> \$310
Student Registration <i>(full-time student only and xerox copy of student ID must be provided)</i>	<input type="checkbox"/> \$1,000	<input type="checkbox"/> \$130
HKGISA, HKSPRS or Hong Kong Medical Association (HKMA) Members <i>(xerox copy of membership card must be provided)</i>	<input type="checkbox"/> \$1,300	
Optional	HK\$	US\$
Conference Dinner on 28 June 2006 at Eaton Hotel <i>(optional)</i>	<input type="checkbox"/> \$350	<input type="checkbox"/> \$45
Each extra copy of Conference proceeding in CD-Rom <i>(optional and for individuals not attending the conference)</i>	<input type="checkbox"/> \$230	<input type="checkbox"/> \$30
<b>Total</b>	\$ _____	\$ _____

\* The discounted registration fee for Hong Kong residents only is made possible with funding support from the PSDAS.

### Payment Method:

Participant can pay the registration fee either by *cheque in Hong Kong dollars* or *bank draft in US dollars* (Personal cheque issued by foreign banks is NOT accepted). All cheques or bank drafts should be crossed and made payable to **The University of Hong Kong**. **No post-date cheque/bank draft will be accepted.** Registration will be confirmed by email notification upon receipt of payment.

**Deadline of General Registration: 10 June 2006**

Please check our website at <http://geog.hku.hk/HealthGIS2006> for regular updates.

## Organizing Committee

### Chairman:

Dr. Poh-Chin Lai  
*Senior Lecturer / Associate Professor*  
Department of Geography  
The University of Hong Kong

### Program Committee (in alphabetical order):

#### International members

Dr. Chuleeporn Jiraphongsa  
*Medical Epidemiologist, FETP Manager*  
Bureau of Epidemiology  
Ministry of Public Health, Thailand

Professor Nina Lam  
*Richard J. Russell Louisiana Studies Professor in Geography*  
Department of Geography & Anthropology  
Louisiana State University, USA

Dr. Feng Lu  
*Deputy Director*  
State Key Laboratory of Resources and Environmental Information System  
Institute of Geographical Sciences and Natural Resources Research  
Chinese Academy of Sciences, China

Dr. Augusto Pinto  
*Medical Officer*  
Epidemiology Support Team  
World Health Organization, France

Dr. Jan Rigby  
*Senior Lecturer*  
Department of Geography  
University of Sheffield, United Kingdom

Professor Pratap Singhasivanon  
*Dean, Faculty of Tropical Medicine*  
*Director*  
SEAMEO TROPMED Regional Centre for Tropical Medicine  
University of Mahidol, Thailand

Dr. Chris Skelly  
Institute for the Environment  
Brunel University, United Kingdom

## Contact Us

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Website: <http://geog.hku.hk/HealthGIS2006/>



International Conference in GIS and Health

**GRAFEPS 2006**

27-29 June 2006, Hong Kong  
Department of Geography, The University of Hong Kong

#### Local members

Mr. Ping Kwong Au Yeung  
*Deputy Director (Survey & Mapping)*  
Survey and Mapping Office, Lands Department

Ms. Lorraine Chu  
*Chief Executive Officer (C.E.O.)*  
Mappa Systems Limited

Professor Tung Fung  
*Chairman*  
Department of Geography and Resources Management  
The Chinese University of Hong Kong

Professor Tai Hing Lam  
*Head*  
Dept. of Community Medicine and Unit for Behavioral Science  
Faculty of Medicine, The University of Hong Kong

Professor Hui Lin  
*Professor*  
Department of Geography and Resource Management  
The Chinese University of Hong Kong

Mr. Christopher Hoar  
*Managing Director*  
NGIS China Limited

Dr. S.V. Lo  
*Head, Research Office*  
Health Welfare and Food Bureau

Dr. Ann Mak  
*Principal Consultant*  
Environmental Resource Management (ERM) Co. Ltd.

Mr. Stanley Ng  
*Chief Executive Officer (C.E.O.)*  
MapAsia Co. Ltd.

Professor Wenzhong Shi  
*Professor*  
Department of Land Surveying and Geoinformatics  
The Hong Kong Polytechnic University

Dr. Winnie Tang  
*Chief Executive Officer (C.E.O.)*  
ESRI China (Hong Kong) Ltd.

Mr. Raymond Wong  
*General Manager*  
Intergraph Hong Kong

Professor Anthony Gar-On Yeh  
*Dean, Graduate School*  
*Chair Professor*  
Centre of Urban Planning and Environmental Management  
The University of Hong Kong

Dr. Qiming Zhou  
*Associate Professor*  
Department of Geography  
Hong Kong Baptist University