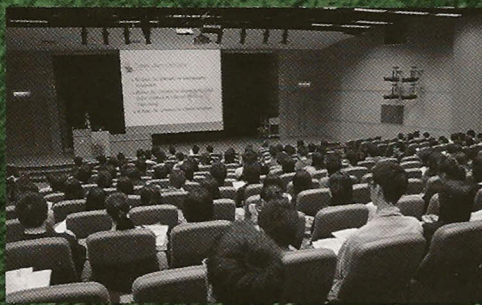
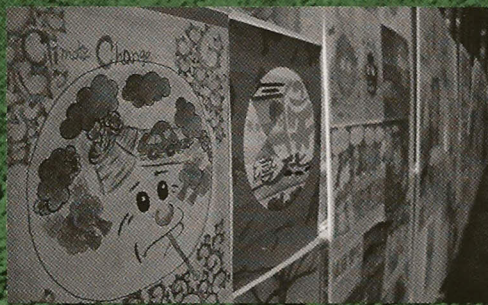


# THE HONG KONG GEOGRAPHER

香港地理學會  
HONG KONG GEOGRAPHICAL ASSOCIATION (HKGA)

Feb 2009 • VOL 23 • ISSUE 1

香港地理人



## Editor's Notes

Hong Kong Geography Day 2008 has been held as a great success on 15 November 2008. This newsletter covers a special issue on this event. Summaries on the Module Two Workshops of our EDB project "Conducting Spatial Enquiry in the New Senior Secondary Geography Curriculum" and "International Workshop on Geo-spatial Information Technology for School Education" are also covered. In 2009, HKGA will be celebrating its 40th Anniversary. Remember to keep track of the latest news of our events through our website: [www.hkga.org](http://www.hkga.org). It's time to renew your membership at early 2009. Our members enjoy priority/discount in joining events organized/co-organized by the HKGA.

## Contents

Association News **2**

Hong Kong Geography Day 2008 **3**

Conducting Spatial Enquiry in the New Senior Secondary Geography Curriculum **13**

International Workshop on Geo-spatial Information Technology for School Education **14**

Hong Kong Geographer Order Form **16**

This newsletter is published biannually by the Hong Kong Geographical Association.  
Editorial Board: Alice S.Y. Chow, H.T. Lai, Victor P.K. Yeung and Stephen P.M. Yeung

會員報名、投訴、提出意見和查詢，請電郵 [enquiry@hkga.org](mailto:enquiry@hkga.org) 網址：<http://www.hkga.org>



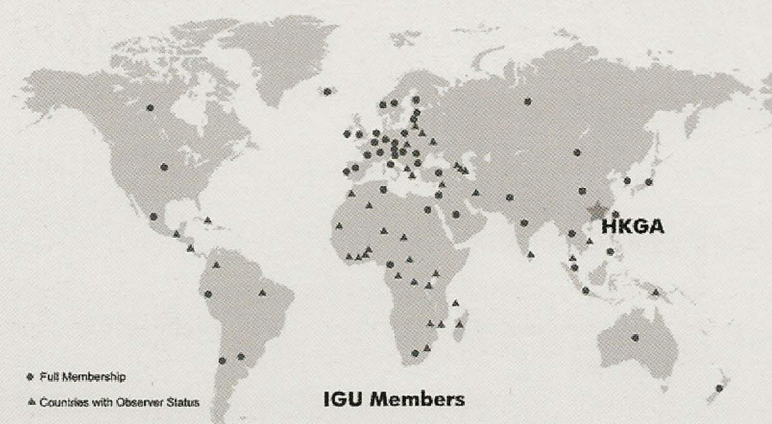
## The HKGA's 40<sup>th</sup> Anniversary in 2009

In 2009, the HKGA will be celebrating its 40th Anniversary. Founded in 1969, the HKGA with aims of promoting interest in, stimulating teaching of, and research in Geography. The Association actively promotes geographical-education and awareness through a wide range of activities including the Hong Kong Geography Day, fieldtrips, seminars, workshops, orientations for new teachers and subject-related competitions for students. The Association also publishes papers, newsletters and journals, including the Asian Geographer and the Hong Kong Geographer. Details of the 40<sup>th</sup> Anniversary events will be announced in the near future.

### 四十年人事 - 歷屆主要幹事名單 香港地理學會歷屆主席、副主席、秘書及司庫名單(1969年迄今) Chairperson, Vice-Chairperson, Hon. Secretary and Hon. Treasurer of the Hong Kong Geographical Association (1969~)

年 Year	主席 Chairperson	副主席 Vice Chairperson	義務秘書 Hon. Secretary	義務司庫 Hon. Treasurer
1969-1970	Mrs. CM Speak	-	Miss P MacNeice	Mr. HL Law 羅慶麟
1970-1971	Mr. KN Au 歐錦年	-	Miss M Moore	Mr. HL Law 羅慶麟
1971-1972	Mr. KN Au 歐錦年	-	Miss SL Wong	Mr. KH Ho 何其豪
1972-1973	Prof. CK Leung 梁志強	-	Pro. KC Lam 林建枝	Mr. WM Tam 譚煥文
1973-1974	Prof. CK Leung 梁志強	Mrs. CM Speak	Miss Shirely Li 李桂芳	Mr. TY Fok 霍泰賢
1974-1975	Mr. KH Ho 何其豪	Dr. YP Chung 鍾月萍	Mr. Andrew CS Poon 潘忠誠	Mr. CF Chan 陳子輝
1975-1976	Mr. KH Ho 何其豪	Mr. DA Shortle	Mr. Andrew CS Poon 潘忠誠	Mr. CF Chan 陳子輝
1976-1977	Miss JM Bray	Mr. DA Shortle	Mr. Gilbert Leung 梁錦豪	Miss OL Siu
1977-1978	Mrs. CM Speak	Mr. Andrew CS Poon 潘忠誠	Mr. Bill KP Yeung 楊國標	Miss OL Siu
1978-1979	Mrs. CM Speak	Mr. Andrew CS Poon 潘忠誠	Mr. Edward SW Woo 胡善為	Miss M Mak 麥惠芬
1979-1980	Mr. Andrew CS Poon 潘忠誠	Mr. Bill KP Yeung 楊國標	Mr. TO Chan 陳達安	Mr. J Chan
1980-1981	Mr. KH Ho 何其豪	Prof. Victor Sit 薛鳳旋	Mr. KC Tam 譚貫之	Mr. YC Chan
1981-1982	Prof. Victor Sit 薛鳳旋	Mr. PK Chan 陳培佳	Mr. YT Ng 吳仁德	Mr. KC Tam 譚貫之
1982-1983	Prof. Victor Sit 薛鳳旋	Mr. PK Chan 陳培佳	Prof. David KY Chu 朱劍如	Dr. SI Hsu 徐勝一
1983-1985	Prof. KY Wong 黃鈞堯	Ms. Linda Li 李翠玲	Prof. David KY Chu 朱劍如	Dr. SI Hsu 徐勝一
1985-1987	Prof. KY Wong 黃鈞堯	Mr. Edward SW Woo 胡善為	Dr. Bruce Taylor	Dr. Julian Wong 黃朝恩
1987-1989	Prof. Anthony Go Yeh 葉嘉安	Mr. Edward SW Woo 胡善為	Dr. LH Wang 黃良會	Dr. PM Yeung 楊沛銘
1989-1991	Prof. Anthony Go Yeh 葉嘉安	Mr. YW Fung 馮以法	Mr. CL Leung	Dr. PM Yeung 楊沛銘
1991-1993	Prof. SM Li 李思明	Mr. CM Luk 陸超明	Dr. PM Yeung 楊沛銘	Dr. Roger CK Chan 陳振光
1993-1995	Prof. David KY Chu 朱劍如	Dr. PM Yeung 楊沛銘	Mr. Samuel YS Chan 陳耀生	Dr. Roger CK Chan 陳振光
1995-1997	Prof. David KY Chu 朱劍如	Mr. Anthony KC Yeung 楊錦泉	Dr. Roger CK Chan 陳振光	Dr. James Wang 王緝憲
1997-1999	Prof. David KY Chu 朱劍如	Mr. Anthony KC Yeung 楊錦泉	Dr. James Wang 王緝憲	Dr. Frederick YS Lee 李煜紹
1999-2001	Dr. Roger CK Chan 陳振光	Mr. Anthony KC Yeung 楊錦泉	Dr. Frederick YS Lee 李煜紹	Prof. George CS Lin 林初昇
2001-2003	Dr. Frederick YS Lee 李煜紹	Mr. Victor PK Yeung 楊本基	Prof. CC Lam 林智中	Dr. Becky PY Loo 盧佩瑩
2003-2005	Dr. Frederick YS Lee 李煜紹	Mr. Victor PK Yeung 楊本基	Dr. Becky PY Loo 盧佩瑩	Prof. CC Lam 林智中
2005-2007	Dr. Becky PY Loo 盧佩瑩	Dr. PM Yeung 楊沛銘	Dr. Maggi WH Leung 梁慧嫻	Prof. DG Wang 王冬根
2007-2009	Dr. Becky PY Loo 盧佩瑩	Dr. PM Yeung 楊沛銘	Dr. Irene NY Cheng 鄭雅儀	Prof. DG Wang 王冬根

## Affiliation to International Geographical Union (IGU)



The HKGA is now the Hong Kong Section of International Geographical Union (IGU). IGU is one of the largest international networks among geographers in different parts of the world. IGU adheres to the International Council of Scientific Unions (ICSU) and the International Social Science Council (ISSC) and recognizes them as co-ordinating bodies for the international organization of science. Currently, 63 countries (including the PRC, UK and USA) are represented in IGU. There are 38 Commissions and 4 Task Forces (Geoparks, Megacities, Olympiad and Vulnerability). IGU/Home E-Newsletter is published periodically with updates on geography-related

announcements, information, calls for participation in scientific events, programmes and projects ([http://www.igu-net.org/uk/news\\_and\\_events/newsletters.html](http://www.igu-net.org/uk/news_and_events/newsletters.html)). More information of IGU is available at <http://www.igu-net.org/>.



## The HKGA Fund for Tertiary Geography Societies

A fund of \$1,100 has been granted to support the geography activities organized by Geography and Resource Management Society, The Chinese University of Hong Kong. The fund aims to promote geography-related activities amongst tertiary students. Calls for application will be made every year and HKGA members are eligible to apply.



## HONG KONG GEOGRAPHY DAY 2008

On behalf of the Organizing Committee, I would like to thank you for your participation in the Hong Kong Geography Day on 15<sup>th</sup> November 2008. This year, we received enthusiastic response from teachers and students of secondary schools, tertiary institutions, government departments, NGOs and corporations. Without your support, the event would not have been blessed with such success. I hope you also enjoyed the day.

Once again, many thanks!

**Maggi Leung**

Chair, Organizing Committee for the Hong Kong Geography Day 2008

The biennial Hong Kong Geography Day was completed successfully on 15 November 2008. This year, the event was co-organized by Department of Geography, The University of Hong Kong and the Hong Kong Geographical Association, held at the Rayson Huang Theatre in HKU main campus. Over 400 participants from secondary schools and tertiary institutions of Hong Kong and China joined this major geography event alternatively organized by the three Hong Kong geography departments at the Chinese University of Hong Kong, Hong Kong Baptist University and the HKU.



The whole day event was kicked off at 9:00 am by the Opening Remarks of Prof. G.C.S. Lin, Head of Department of Geography, HKU and Dr. B.P.Y. Loo, Chair of the HKGA. Director of the Hong Kong Observatory, C.Y. Lam, presented a Keynote Speech on "Climate Change as Geography". In his speech, Director Lam stressed the importance of geography in understanding and solving the problems of global warming, achieving sustainable development through investigating interactions between the earth and human beings. After the Opening Ceremony, parallel sessions of Secondary School Talks and Research Seminar Sessions were held to foster exchanges on geography learning and research. The second half of the Research Seminar Sessions, a field trip to the Kadoorie Institute, HKU and the Satellite Remote Sensing Ground Receiving Station at CUHK were organized in the afternoon of the same day. Exhibition of geography-related organizations, government departments, NGOs, publishers and software companies, and the open house of Geography Department, HKU also added attractions to the whole day event.

(Alice Chow)



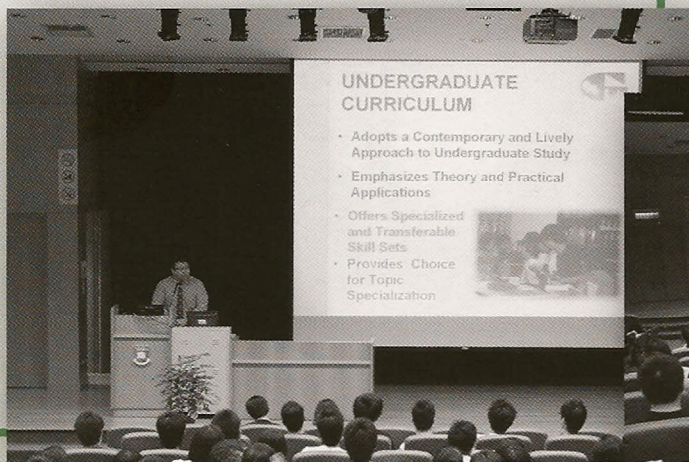
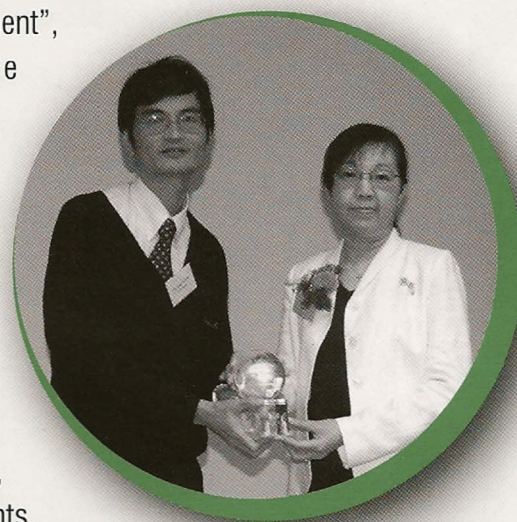
## Secondary School Talks



Two talks on global warming were held in the morning session for secondary schools after the Keynote Speech. Both of them were attended by about 400 students. An introduction to the undergraduate geography programmes in HKBU, CUHK and HKU by the representatives of the respective departments was given at the beginning of the talks. Admission tickets were given to schools in advance on a first-come-first-served basis.

The first talk, on the theme "Global warming and the environment", was given by Miss Janice Wong of Pui Ching Middle School, a former member of the Executive Committee. Miss Wong first

alerted the audience to temporal variations in earth surface temperature and carbon dioxide concentration. The effects of global warming on the Arctic Ocean and the occurrence of hazards such as floods, cyclones and rises in sea level were discussed. Examples for highlighting the seriousness of these phenomena were drawn from the thinning and disintegration of Arctic sea ice and the continuing inundation of Venice, Amsterdam, Brest, the Maldives and other low-lying areas and settlements. Based on these examples and others, students were given guidance on tackling questions on global warming set in past Advanced Level Examinations.





In the second talk, Ms. Linda Lau of Modern Education and also a former ExCo member of the Association, focused specifically on “Global warming and tropical rainforests”. She traced the rises in global temperatures and the concentration of various greenhouse gases at least in part to human activities in the humid tropics, including the removal of swamps and wetlands, the practice of shifting cultivation, intensive rice cultivation, livestock ranching, mining and commercial lumbering. The cases of environmental damage in Brazil, Costa Rica and Peru were studied in detail, and the impact of rises in the consumption of fossil fuels and bio-fuels were also considered. With reference to a past Advanced Level exam question, Ms. Lau invited students to critically examine how the study of Geography could provide clues for the international communities, governments, businesses and individuals to find ways out of the impending crisis caused by global warming in the foreseeable future.



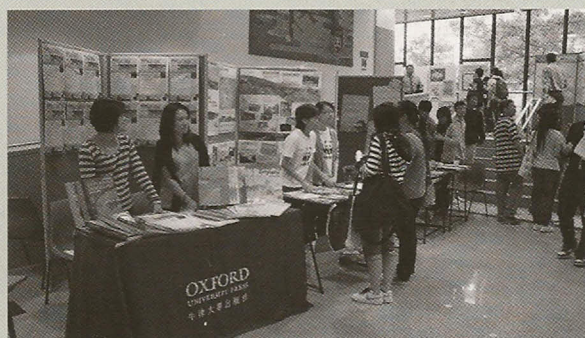
As noted in the response from the floor, students could get a clear and multi-faceted picture of global warming and were stimulated to think how they could help in alleviating the political, social and economic problems which this environmental problem would bring.

(P.M. Yeung)

## Exhibition

Academic publishers, software companies, tertiary geography departments and student organizations, NGOs and government departments joined the Exhibition held at the foyer of Rayson Huang Theatre. Exhibitors included Aristo Educational Press Ltd; Association for Geoconservation, Hong Kong; Civil Engineering and Development Department, HKSAR Government; Conservancy Association; Department of Geography, HKBU; Department of Geography, HKU; Department of Geography and Resource Management, CUHK; ESRI; Hong Kong Observatory, HKSAR Government; Institute of Space and Earth Information Science, CUHK; Lands Department, HKSAR Government; MapKing International Limited; Oxford University Press; Student Association, Department of Geography and Resource Management, CUHK; Transport Department, HKSAR Government and WWF (in alphabetical order).

(Alice Chow)





## 香港地理日(2008)全港校際海報設計比賽

香港地理日(2008)全港校際海報設計比賽收到來自26間學校約七十份作品。評審由各大學地理系及香港地理學會代表組成，包括王冬根教授(香港浸會大學)、伍世良教授(香港中文大學)、盧佩瑩博士(香港大學)及楊錦泉校長(香港地理學會)。得獎名單如下：

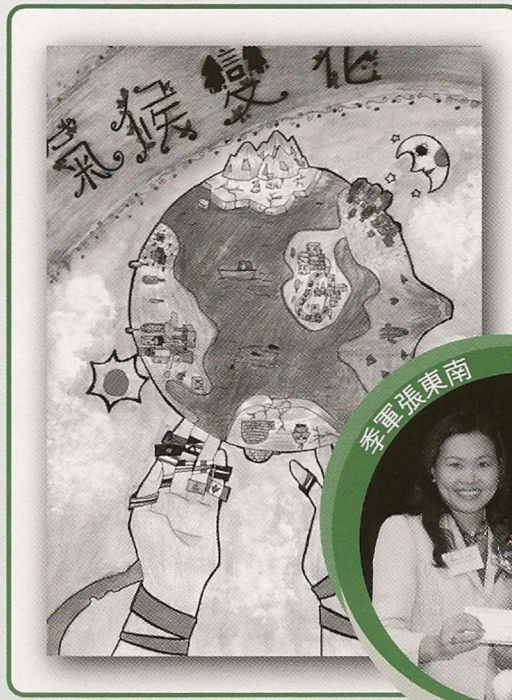
冠軍: 陳招樣 (東涌天主教中學)

亞軍: 劉鉞 (新生命教育協會平安福音中學)

季軍: 張東南 (曾壁山中學)

冠亞季軍得主分別獲得港幣1000元，500元，300元書券及獎座乙個。各獎項由香港地理學會主席盧佩瑩博士於香港地理日開幕典禮頒發，冠軍作品更製成海報及八達通套紀念品。

(Alice Chow)





## 香港地理日(2008)全港校際海報設計比賽

香港地理日(2008)全港校際海報設計比賽收到來自26間學校約七十份作品。評審由各大學地理系及香港地理學會代表組成，包括王冬根教授(香港浸會大學)、伍世良教授(香港中文大學)、盧佩瑩博士(香港大學)及楊錦泉校長(香港地理學會)。得獎名單如下：

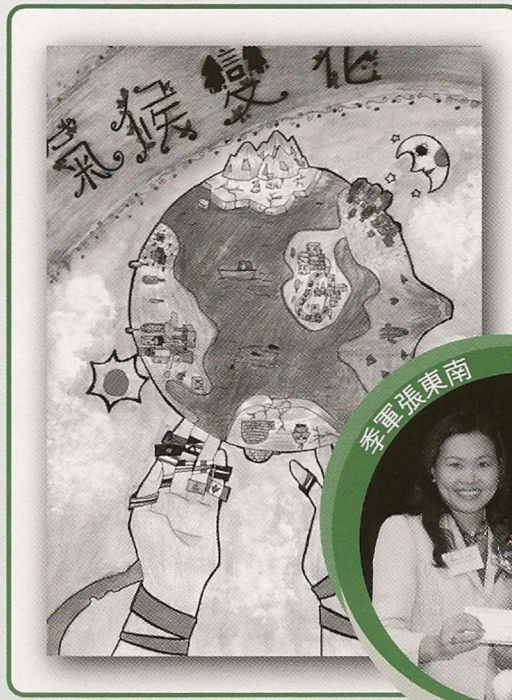
冠軍: 陳招樣 (東涌天主教中學)

亞軍: 劉鉞 (新生命教育協會平安福音中學)

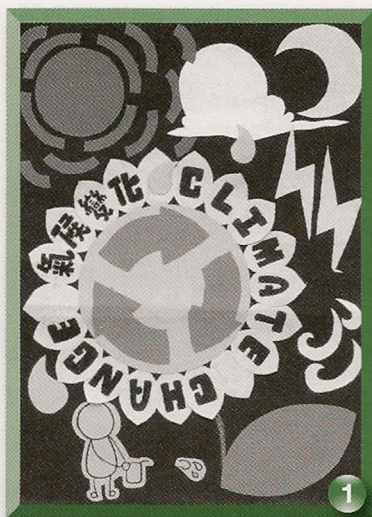
季軍: 張東南 (曾壁山中學)

冠亞季軍得主分別獲得港幣1000元，500元，300元書券及獎座乙個。各獎項由香港地理學會主席盧佩瑩博士於香港地理日開幕典禮頒發，冠軍作品更製成海報及八達通套紀念品。

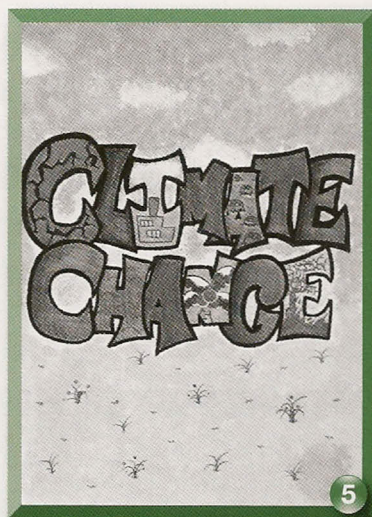
(Alice Chow)



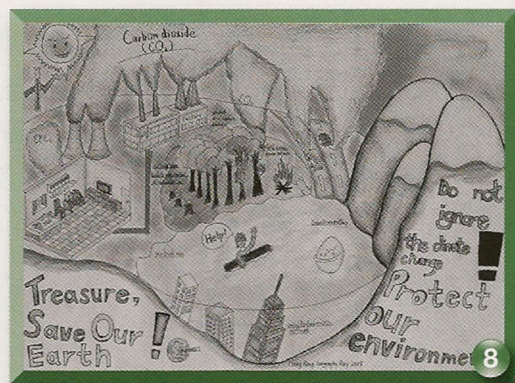




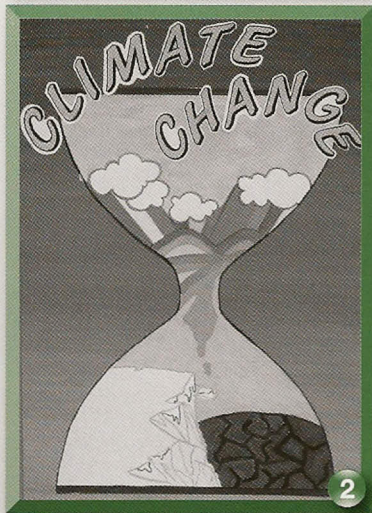
1



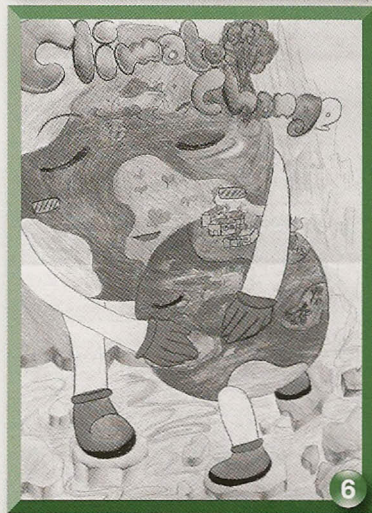
5



8



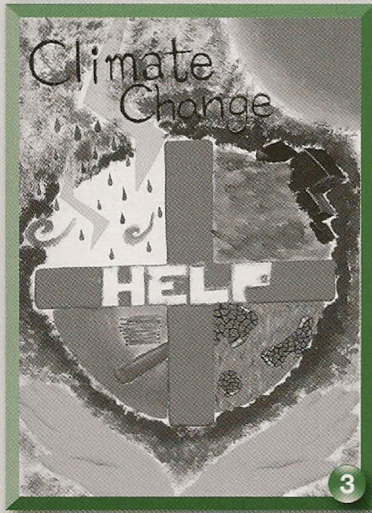
2



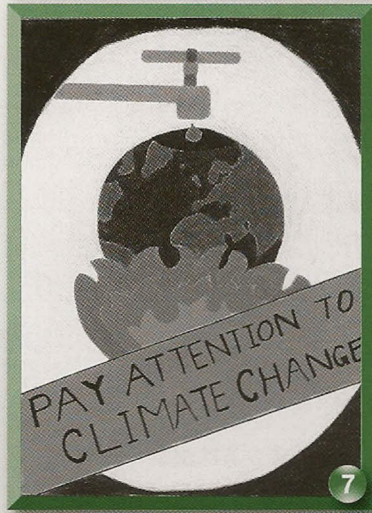
6



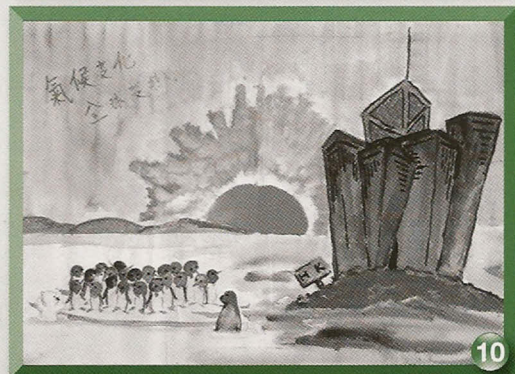
9



3



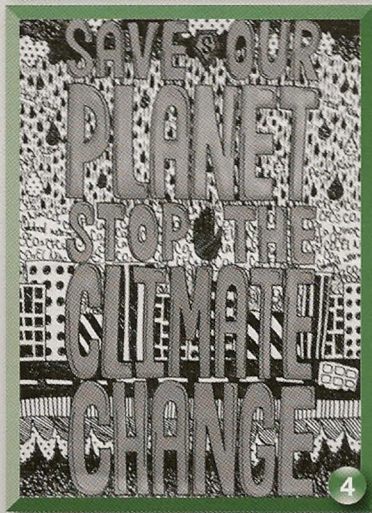
7



10



11



4

十一名優異獎得主各獲發優異獎狀乙張。

1. 張藹媛 天主教郭得勝中學
2. 曾育芳 皇仁舊生會中學
3. 蘇總嫻 宣道會陳朱素華紀念中學
4. 李亭欣 保良局顏寶鈴書院
5. 區瑞媚 皇仁舊生會中學
6. 陳紫君 香港中國婦女會馮敬堯紀念中學
7. 黃安裕 聖母書院
8. 黎頌昇 聖言中學
9. 林紫茵 沙田培英中學
10. 鄭柏雄 十八鄉鄉事委員會公益社中學
11. 鄧偉文 香港教師會李興貴中學



## Postgraduate Paper Competition

A total of seven papers were received for this competition. Two papers were awarded by the judgment panel of Dr. Mervyn Peart (Department of Geography, HKU), Prof. Shen Jianfa (Department of Geography and Resource Management, CUHK) and Prof. Donggen Wang (Department of Geography, HKBU). The prize presentation ceremony was held in the Opening Ceremony and presentations of the winning papers were given in the Research Seminar Sessions.

(Alice Chow)

### Spatio-temporal Relationship between Urban Growth and Economic Development in the Pearl River Delta Region

**Quan HOU & Qiming ZHOU, HKBU**

**Abstract:** The PRD region has experienced rapid economic growth since the initiation of economic reform in 1979. Two representative phenomena can be observed in line with the development: economic growth and urban expansion. It is apparent and hence widely believed that economic growth and expansion of built-up areas have a positive correlation. This research attempts to verify and quantify relationships between economic growth and urban expansion in the PRD region for the period 1990-2001. Using a combination of remote sensing, geographical information systems (GIS), and spatial analysis techniques, both spatial and temporal domains of these relationships have been addressed.



*Prof. G.C.S. Lin and Quan Hou*

Results show that positive correlation exists between economic growth and urban built-up area for the selected investigation year 1992, 1998, and 2001 at scale of county-level, except for Shenzhen and Guangzhou. Shenzhen and Guangzhou are identified as outliers from this linear relationship, implying that economic growth of these two cities is primarily accompanied by improvement of land-use efficiency rather than urban expansion. For the other cities, on the other hand, economic growth mainly comes from expansion of urban built-up areas. Regarding temporal change, the linearity has strengthened, and the land-use efficiency improved, though not as rapidly as the economic growth. Similar spatio-temporal patterns are observed in Dongguan municipality at scale of town-level as well, which serves as a more disaggregate foundations for the linear relationship across the entire PRD region.

### Daily Urban Water Consumption in Hong Kong: Trends, Patterns and Forecast

**Jefferson See WONG, CUHK**

**Abstract:** This study is based on the main findings of a master research attempting to detect, analyze, and forecast the temporal variations of daily urban water consumption in Hong Kong from 1990 to 2007. A time series model is formulated as a set of equations representing the effects of four factors on water use, namely, trend, seasonality, climatic correlation and autocorrelation. In addition, calendar effect (day-of-the-week effect and holiday effect) is, if any, examined. The study intends to build a comprehensive account of daily water consumption and offer a better insight of utilization of water resources.



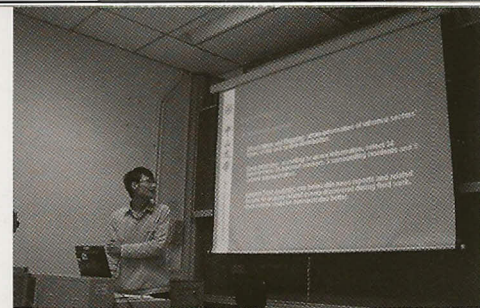
*Prof. G.C.S. Lin and Jefferson Wong*



## Research Seminar Sessions

The Research Seminar Sessions show a well-mixture of presentations by local and Mainland researchers. 42 papers under 8 major topics are presented in the morning and afternoon of Hong Kong Geography Day 2008:

- Climatology, Hydrology and Soil Science
- Population Geographies, and Urban and Economic Issues in China
- Urban and Economic Geographies
- Environmental Conservation and Water Issues
- Urban Planning, Sustainable Development and Geographical Education
- Tourism and Energy Issues
- Urban Issues and Settlement Patterns in China
- Air Quality and Transportation

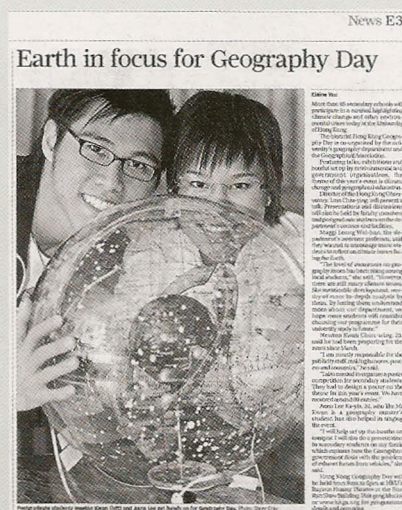


## Memorial Session – Prof. C.P. Lo

The special section was held in the morning in memory of Prof. C.P. Lo. Prof. Lo was professor of geography at the University of Georgia since 1984. He obtained his undergraduate degree and master degree from the University of Hong Kong, and his PhD degree from the University of Glasgow. Prof. Lo is an eminent scholar on photogrammetry, remote sensing, geographic information systems (GIS) and the geography of China. Prof. Lo published papers in many international journals such as International Journal of Remote Sensing, Photogrammetric Engineering and Remote Sensing, Annals of the Association of American Geographers, Transactions of the Institute of British Geographers and Professional Geographer, etc. His books on remote sensing and GIS were widely adopted as textbooks by universities around the world. Prof. Lo deceased at the age of 68 in Athens, Georgia on 30<sup>th</sup> December 2007. The HKGA and all participants of the Memorial Session would like to express our appreciation to the late Prof. Lo for his contribution to geography teaching and research. (Information compiled mainly from Geography News of University of Georgia and various internet information)

## Media Coverage of Hong Kong Geography Day 2008

The Hong Kong Geography Day 2008 was reported by two local newspapers, South China Morning Post (15<sup>th</sup> November 2008) and Takungpao (25<sup>th</sup> November 2008, in Chinese). In the SCMP feature, Dr. Maggi Leung, chair of the organizing committee, explained why “Climate Change” was selected as the theme of this event. Newton Kwan and Anna Lee, two key persons staging the event, shared their experience in organizing this biennial event targeted at students and teachers in secondary schools and tertiary institutions. The Keynote Speech by C.Y. Lam, Director of the Hong Kong Observatory was summarized in the Takungpao article. The champion of the poster design competition explained his ideas on the winning design. The full reports can be accessed at our website [www.hkga.org](http://www.hkga.org).



(Alice Chow)



## Field Trip Report

In the afternoon of the Hong Kong Geography Day 2008, the Hong Kong Geographical Association organized fieldwork and visits for geography teachers at the Kadoorie Institute, HKU and Satellite Remote Sensing Ground Receiving Station at the CUHK.

### A. Fieldwork: Hill fire and stream hydrology,

The Kadoorie Institute, HKU (Near Lam Chuen Valley)

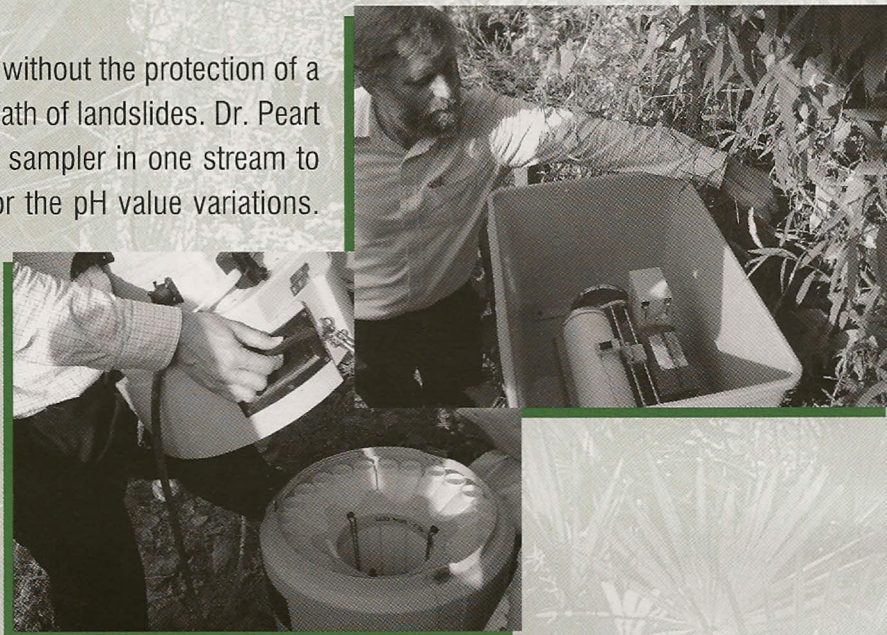
#### 1. Vegetation recovery after hill fires (Ecological succession)

Geography teachers observed the site of a previous wildfire on a hillside close to the Kadoorie Institute. Teachers were able to compare the scene they saw with picture taken by Dr. Mervyn Peart earlier. Dr. Peart is Associate Professor of Department of Geography HKU, specialized in hydrology. Teachers noticed that almost the entire site is now covered by 1-m tall grass masses. The growing density and species diversity of plants on different spots in specific quadrants of the hillside were recorded to estimate the growing speed and the rate of succession of pioneering plant species. Without biotic disturbances, the recovery of the natural environment was faster than otherwise expected, leading to milder soil degradation.



#### 2. Stream and river monitoring

Some distant hillsides are baldish, without the protection of a vegetative layer, an obvious aftermath of landslides. Dr. Peart set up an automatic stream water sampler in one stream to collect water samples and monitor the pH value variations. Also installed was a water volume plotter, which records the fluctuations of the water volume of the stream. Given the remote location, these automatic equipment can spare a lot of manual data-recording efforts.

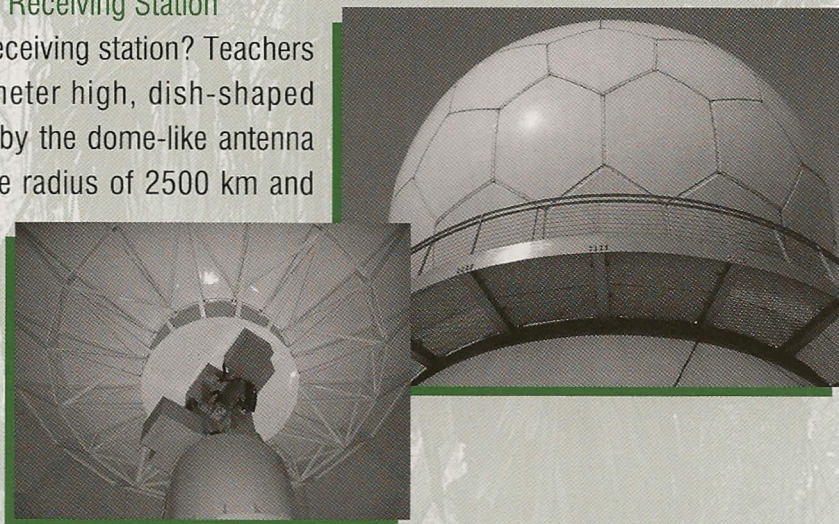




## B. Visits: Satellite Remote Sensing Ground Receiving Station, The Chinese University of Hong Kong (Shatin)

### 1. The Satellite Remote Sensing Ground Receiving Station

What is inside the white, dome-like receiving station? Teachers were amazed by the 4-tonne, 9-meter high, dish-shaped satellite receiving antenna enclosed by the dome-like antenna shelter. The receiver has a coverage radius of 2500 km and gathers signals from the ENISAT remote-sensing satellite. It stores data in computers, processes images for real-time Internet distribution, and provides remote-sensing data to users and subscribers.



### 2. The Yuen Yuen Research Centre for Satellite Remote Sensing

The Research Centre analyzes received data and conducts all-weather environmental monitoring for Hong Kong, Southern China, and the peripheral regions. The Centre archives a great quantity of satellite photographs, keeping valuable data before and after meteorological and natural disasters such as volcanic eruptions for comparison. Geography teachers can use the pictures and data to study land reclamation, urban development, eyes of typhoons, wave patterns of South China Sea and sand storms of Northern China, etc., to stay informed of the latest development in technological advances in geographic research.



(Victor P.K. Yeung)

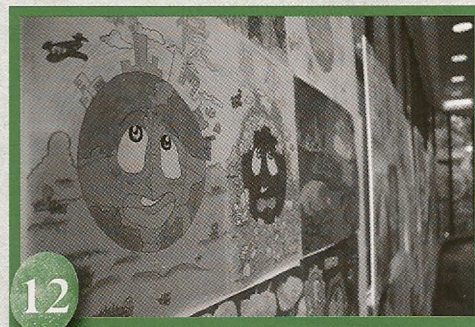
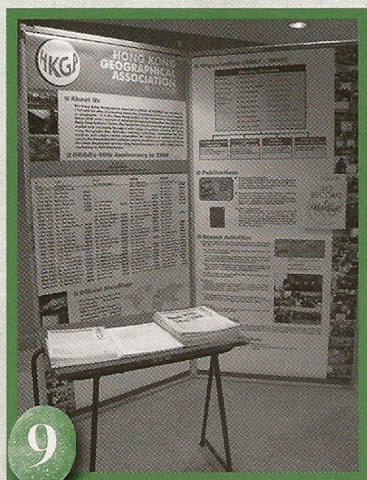
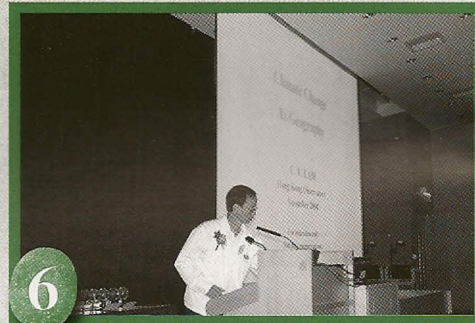
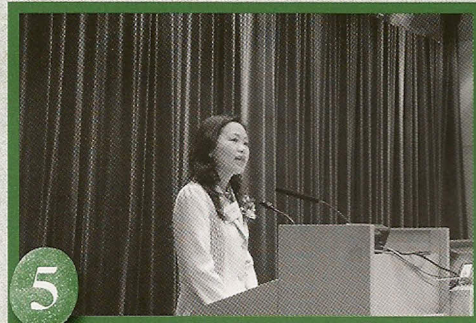
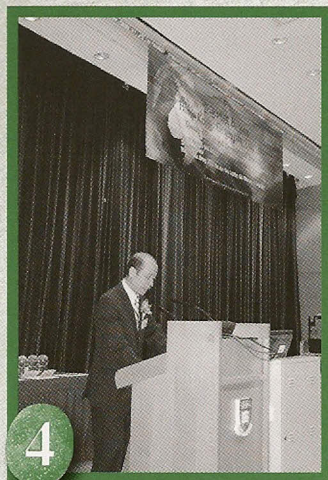
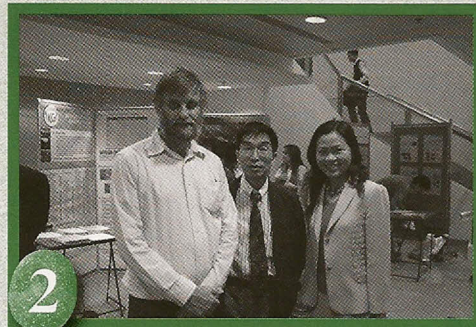
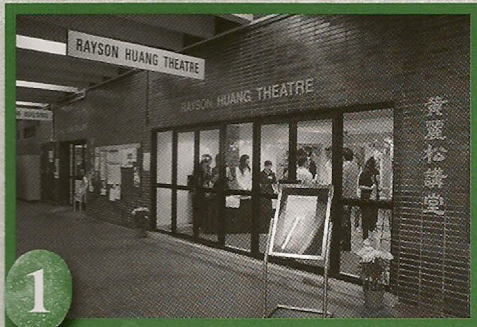
### 《香港地理人》徵稿

為使香港地理人內容更多元化，現歡迎學生、老師和對地理有興趣人士投稿。文章字數上限為一千字（中英均可），內容須與地理科目相關，例如教學心得、課程意見、野外考察分享、學習地理苦與樂等。投稿人士請將文章電郵至enquiry@hkga.org。（《香港地理人》編委會擁有修改和刊登文章的最後決定權。）

### Hong Kong Geographer is now calling for papers

Your contribution is most welcome to diversify the contents of Hong Kong Geographer. Articles (with a maximum of 1000 words) related to Geography, such as teaching and learning methods, opinions on curriculum and field trip summaries, etc. are suitable. Please kindly email your article to enquiry@hkga.org. (Hong Kong Geographer Editorial Board reserves the rights to edit and publish selected articles.)





- |                       |                          |
|-----------------------|--------------------------|
| 1. Event venue        | 8. Honourable guests     |
| 2. Guests             | 9. HKGA exhibition       |
| 3. Event helpers      | 10. Exhibitors           |
| 4-5. Opening speeches | 11-12. Poster exhibition |
| 6-7. Keynote speech   | 13-15. Event lunch       |





## WORKSHOP SUMMARY

### *Conducting Spatial Enquiry in the New Senior Secondary Geography Curriculum: Building a Sustainable City*

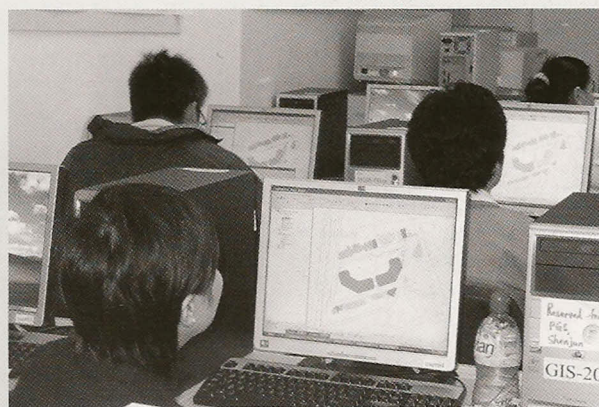
Reported by Becky P.Y. Loo

The Workshops on Module Two: Building a Sustainable City led by Dr. Becky P.Y. Loo have been successfully held on 1<sup>st</sup> and 8<sup>th</sup> November, 2008 (Saturdays) at the GIS Laboratory of The University of Hong Kong. A total of 36 participants attended the Workshop. The Workshop on 8<sup>th</sup> November was a re-run due to the overwhelming support of nearly 60 applications for the only Workshop originally planned on 1<sup>st</sup> November, 2008. Based on the fieldwork data collected on Russell Street, Matheson Street and Sharp Street East in Causeway Bay, participants of the Workshop had learnt to:

- Input field data into GIS
- Use GIS to illustrate urban problems with buffer zones, pie charts, horizontal land use profiles, flow arrows and photographs
- Conduct a spatial enquiry related to urban sustainability issues

Thanks to the capable assistance of the tutors, including Miss Amy Cheng, Miss Wai-sin Cheung, Miss Alice Chow, Miss Winnie Lam, Mr. William Leung, Mr. Rex Liu, and Miss Ada Yao (in alphabetical order), the Workshop has been a big success with 100% of the respondents agreeing that the Workshop was useful and 100% of the respondents indicated that they would like to attend similar workshops in the future. 61% of the respondents strongly agreed that the Workshop was useful. The entire team worked happily with the participants in these workshops.

With the successful completion of these two Workshops, the whole project on "Conducting Spatial Enquiry in the New Senior Secondary Geography Curriculum" is near completion. The two modules on "Urban Transport Problems" and "Building a Sustainable City" will be submitted to the Education Bureau in the coming months. We sincerely hope that this project can produce something of value to Secondary School teachers and contribute to the successful implementation of the New Secondary School Geography Curriculum. Should you have any comment, please do not hesitate to write to the Project Leader, Dr. Becky P.Y. Loo at [bpyloo@hku.hk](mailto:bpyloo@hku.hk).



Group Photographs Taken at the Workshops on 1<sup>st</sup> November, 2008 and 8<sup>th</sup> November, 2008

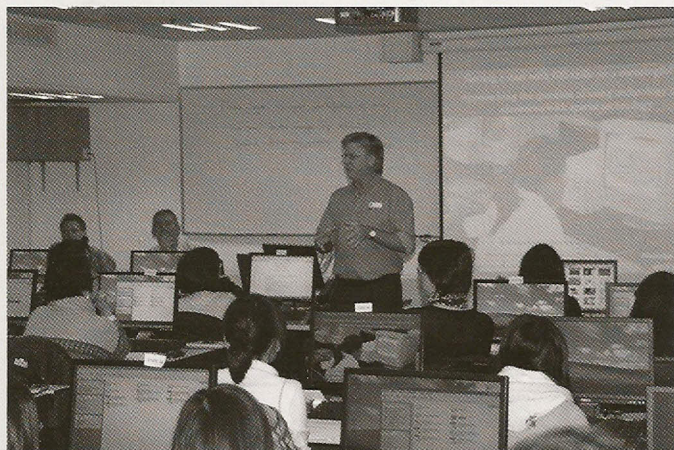




## WORKSHOP SUMMARY

### *International Workshop on Geo-spatial Information Technology for School Education (19 December 2008)*

Reported by P.M. Yeung



As the implementation of the New Senior Secondary Curriculum draws nearer, it is apposite for teachers to master the basic concepts of geographical information systems (GIS) in order that they can help students develop the skills of spatial enquiry in the lesson and the conduct of investigations in the field. In recognition of this need, Hong Kong Polytechnic University, Hong Kong Baptist University, the Hong Kong Geographical Information System Association and our Association jointly organized a workshop for teachers to gain hands-on experience and share their views with local and overseas academics, curriculum officers and school teachers.

Held at the HKBU User Computer Centre, the 5-session programme was supported by The Chinese University of Hong Kong and The University of Hong Kong while software sponsorship was provided by ESRI China (Hong Kong) Ltd. About sixty teachers and university students participated in this whole-day programme, with members of the HKGA and HKGISA being admitted free of charge.

After a welcoming speech by Prof. Zhou of HKBU and Chairman of the Organizing Committee, the workshop began with a demonstration class by Mr. Malcolm McInerney, a curriculum policy officer in Society and Environment from the South Australia Department of Education. Titled "Getting a start with skills on a meaningful task", the workshop used the creative inquiry approach to determine the area of greatest earthquake risk in the Asia-Pacific region using Australian geoscience data. Participants learnt to employ the processes of data importing, thematic mapping and query processing for helping students to complete the investigation task in the classroom context.

In the second demonstration, Mr. Steve Dunn and Mr. Mark Smith from The Grammar School at Leeds, United Kingdom, shared their work in implementing GIS in the Year 7 to Upper Sixth curriculum under the theme "GIS in the classroom". Using the ESRI ArcGIS package, the workshop helped participants to investigate into five topics, viz. what can teachers do with GIS in the classroom, world mapping with ESRI data, population density changes in Hong Kong, the use of web-based resources on earthquakes and hurricanes, and the import of images and downloaded raster maps into GIS for geo-referencing.





Dr. P.C. Lai, Senior Lecturer of the Department of Geography HKU, spoke in the third session on “GIS in the classroom – Rainfall distribution and agricultural produce of China”. Procedures on downloading data on precipitation and agricultural produce from the Internet into a GIS-compatible format were discussed. Participants then learnt to visualize and describe spatial patterns on these two variables and their inter-relationships using GIS technology.

The fourth class, titled “Aerial photography for planimetric mapping”, drew participants’ attention to use planimetric data for the purpose of spatial analysis. Led by Dr. Bruce King, Associate Professor in the Department of Land Surveying and Geo-Informatics HKPolyU, the workshop also showed the limitations of creating spatial data by tracing from aerial photographs (using an example from NE Kowloon) and presented some solutions to the problem.

Further local experience in using GIS technology for classroom teaching was provided by Mr. David Brian, the Head of Humanities in the Chinese International School (Hong Kong). In the class on “Hong Kong air quality – Spatial analysis”, Mr. Brian gave an example of surface mapping to illustrate how local air pollution index data could be incorporated into a mapping exercise for a teaching unit on climate targeted at Year 10 students at his school. The steps for introducing students to the concepts of diffusion in addition to the basic skills required for creating a surface map were discussed at depth.



Last but not least, the issue of obtaining free data for conducting GIS projects and investigations in the classroom was addressed by Miss Jenny Yiu from ESRI. All workshop participants also received CD-ROMs on the workshops including an evaluation software for practices and trials on their own.

In conclusion for this report, the HKGA would like to thank the speakers, teachers and other participants as well as fellow organizations for making this workshop a great success. Special gratitude is also due to HKBU not only for providing the

venue but also for the financial support on which the whole programme relies.

### Member Information Update

Have you moved recently? Are you a life member joined HKGA years ago? To update your information (especially the contact address and email to receive the latest news of HKGA), email us via [enquiry@hkga.org](mailto:enquiry@hkga.org).

### Advertisement in Hong Kong Geographer

The circulation of Hong Kong Geographer reaches all Secondary Schools in Hong Kong plus all our full, life, corporate and student members, including Secondary School Geography / LS teachers, academic staff of tertiary institutions and students.

#### Advertisement

1/4 A4 page:	HK\$550
1/2 A4 page:	HK\$1,000
One A4 page:	HK\$2,000

#### Charge

#### Corporate members enjoy a 10% discount!

Wanna post an ad, please contact the Editorial Board via [enquiry@hkga.org](mailto:enquiry@hkga.org) (All contents and graphics are printed in Pantone green and black colour)



# Hong Kong Geographer Order Form

Volume	Contents	Price	Quantity
<b>Back Issues</b>	20(2), July 2006 (16 pages) <ul style="list-style-type: none"> <li>• Association news</li> <li>• Response to the 2<sup>nd</sup> draft of the proposed new secondary curriculum and assessment framework (geography)</li> <li>• 書介: 中國教師地圖集</li> <li>• Higher degree theses on geography and geographical education</li> </ul>	HK\$20	
	21(1), April 2007 (12 pages) <ul style="list-style-type: none"> <li>• Association news</li> <li>• Interview with Dr. Stimpson</li> <li>• Seminar on "Geography at the Crossroads"</li> <li>• 二零零六年地理科會考試題分析</li> </ul>	HK\$20	
	21(2), December 2007 (12 pages) <ul style="list-style-type: none"> <li>• Association news</li> <li>• Seminar: "Should Senior Secondary Students be Asked to Conduct Surveys for School-based assessment?"</li> <li>• HKGA-HKIEd Secondary School Project Learning Competition (2006-2007): Results</li> <li>• 軟件評價: FreeMind V.0.9.0</li> </ul>	HK\$20	
	22(1), June 2008 (12 pages) <ul style="list-style-type: none"> <li>• Association news</li> <li>• Field study summary (Power plants in Shenzhen Area)</li> <li>• Conducting Spatial Enquiry in the New Senior Secondary Geography Curriculum: Module One Workshop Summary</li> <li>• Secondary School Project Learning Competition 2007: Winning project summary and prize presentation ceremony</li> </ul>	HK\$20	
<b>Current Issue</b>	23(1), February 2009 (16 pages)	HK\$20	
<b>Forthcoming Issues</b>	Subscription for the next four issues, i.e. 23(2), 24(1), 24(2) & 25(1)	HK\$80	
Total amount:		HK\$	

Name: \_\_\_\_\_

Email: \_\_\_\_\_ Tel: \_\_\_\_\_

Postal address: \_\_\_\_\_

Cheque no.: \_\_\_\_\_ Bank: \_\_\_\_\_ Amount: \_\_\_\_\_

Please return this form with cheque payable to Hong Kong Geographical Association to:

**Hon. Treasurer, Hong Kong Geographical Association**

**P. O. Box. 97553, Tsim Sha Tsui Post Office, Kowloon**