

THE HONG KONG GEOGRAPHER

香港地理人

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編者的話

香港地理學會已於本年4月16日在香港浸會大學舉行了周年大會，選出了2005-07年度的幹事會。本期的香港地理學人列出了幹事會及屬下小組員名單，以便會員聯絡及就會務提供意見。

本期的內容繼續走向多樣化。除了報導了本會今年內已進行的活動外，亦有本會最新的活動計劃，給會員預定時間參與。此外，還有三篇教師對地理信息系統的使用和2005年地理科公開考試題目的分析。為了協助教師日常的教學、進修及研究工作，本期刊出了一些地理科學與教適用的網址及近十年內在本港大學地理研究生的論文名單。

新學年開始了，本會隨同本期附上2005-06年度香港地貌年曆及於十月舉行的活動資訊，並歡迎各位投稿本刊及加入本會。最後，謹此祝願各位會員及同工身心愉快，教學工作繼續獲得豐盛成果。

編輯委員會：黎海天、李可儀
黃玉屏、楊沛銘、楊本基

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香港地理學會

HONG KONG GEOGRAPHICAL ASSOCIATION



2005 年度周年大會 Annual General Meeting (2005)

This meeting was held in the morning of 16th April 2005 in the Baptist University. The programme began with two talks given by Dr. Zhang Li of The Chinese University and Dr. Wang Dongguan of the Baptist University on “Population, environment and development in the western region of China” and “Hong Kong as a transportation hub” respectively. In the AGM which followed, the work and financial situation of the Association were reviewed. A new Executive Committee for the 2005-07 session was also elected.

本會參予教統會「檢討中學教學語言及中一派位機制諮詢文章」工作小組與教育團體會議 HKGA's participation in the consultation meetings between the Working Party for the “Review of Medium of Instruction for Secondary Schools and Secondary School Places Allocation” and educational organisations

HKGA was invited to attend two consultation meetings with the Working Party, one for subject-based organisations on 26th April and the other for member organisations of the Hong Kong Teachers' Centre. Dr. P.M. Yeung of HKGA attended both meetings which reviewed the operation, pros and cons of the current policy of requiring the majority of schools to teach in the medium of Chinese. He expressed concerns about the impact of the current policy on students' standard in English and Chinese and on their ability to learn the subject at more advanced levels, and urged the Working Party and Education and Manpower Bureau to reduce their restrictions on schools.

本港地理科研究生最佳論文獎 Awards for Outstanding Postgraduate Student Papers in Geography-Related Studies

Held by the HKGA for the first time, this Scheme is designed to encourage excellence in conducting and writing up the results of research projects carried by postgraduate students in local universities. Papers have to be 6000 to 8000 words in length. The submission deadline is 31st August 2005, and a panel of judges has been formed to review the entries. The best three entrants will each receive a certificate and a cash prize and present their papers on the upcoming Hong Kong Geography Day. Their papers will be considered for publication in the Asian Geographer, which is the academic refereed journal of the Association published together with the Department of Geography, HKU. Further details about the Scheme and the prize-winning entries will be published in the next issue of the Hong Kong Geographer.

新教師研習課程 Beginning Teachers' Orientation Programme

This annual function was held at the Hong Kong Teachers' Centre between 15th and 18th August by a number of subject-based and other educational organizations to familiarise new teachers with their duties in the context of the latest educational scene. Our Association took part with the specific aims of helping new teachers to understand the geography curricula in schools, identify ways of effective teaching, learning and assessment. Four talks were given by the members of the Secondary Education Committee (SEC) on these aspects. Twenty two new teachers on average attended these sessions and exchanged their views and concerns about joining the teaching force in these days of challenges brought by the Education Reform and major changes in school curricula. Members of the SEC took time to answer their queries, introduced them to the work of HKGA in this connection, and also invited them to join the association.

專業發展課程 Professional Development Course

A 2-session course on Basic Meteorology will be organised by the **Hong Kong Observatory** (HKO) for the Hong Kong Geographical Association on two Saturday mornings — **22nd and 29th October**. The venue is the Conference Hall in the HKO headquarters in Tsim Sha Tsui. Six topics will be covered - basic concepts in meteorology, weather forecasting, common weather systems affecting Hong Kong, weather radar and satellites, climatic change, and a visit to the Exhibition Hall, Central Forecasting Office and meteorological equipment. Application is open to all geography teachers but current HKGA members will be given higher priority. Please refer to the letter about this course and complete your application by 8th October.

香港地理日 Hong Kong Geography Day

This will be held on Saturday, 19th November 2005 at the Hong Kong Baptist University under the theme “Geographical Education”. With keynote speeches given by renowned overseas and local academics, there will be one talk for teachers on assessment at the Advanced Level and two concurrent talks for students, namely tsunamis and the reclamation of Victoria Harbour. In the afternoon, teachers can take part in a fieldtrip about urban renewal in Wanchai and the related briefing by urban planners from the Urban Redevelopment Authority. A poster with detailed information about the Geography Day will be sent to all members and geography teachers in all schools for its reference by early November.

透過電郵獲取學會資訊 Receipt of HKGA Information by E-mail

The Association has decided to update its information record and introduce a system whereby members can receive the latest news and apply for participation in activities through e-mail. To make use of this service, all members are requested to send their name and e-mail address to the Association’s e-mail account enquiry@hkga.org by 15th October this year. School teachers who are not yet members of the Association are also entitled to this benefit. Members who do so will also receive the next issue of the Hong Kong Geographer in electronic format. The format in the following table may be used for this purpose. Please be assured that your e-mail account will be treated with strict confidence and only for the purpose of communication between you and the Association in accordance with the Personal Data (Privacy) Ordinance. It will not be released to anyone except for the purpose of membership and participation in the activities of the HKGA.

To Hong Kong Geographical Association,

I am/not (delete the inappropriate) a member of the Association. I wish to receive news about the Association by e-mail. My personal information is as follows:

Name: Dr./Mr./Mrs./Miss/Ms. _____ Telephone no.: _____

Work/office address: _____

E-mail address: _____

Date: _____

學會網頁更新 Updating of the HKGA website

A new HKGA website is under preparation and will be launched in the near future. It will provide information on the various aspects of HKGA, including our organisation structure, membership information, and most importantly, news and activities about our Association. You can find the announcements for coming events and our activity year plan in this section. The resource centre of the current website will also be updated to provide useful contacts for field trip organization and information about the new secondary school geography curriculum. Please visit <http://www.hkga.org> from time to time to learn more about the development and launching of the new website.

Hong Kong Geographical Association

Activity Record and Plan (2005-06)

Activity	Venue	Date
Annual general meeting (2005) and talks, and election of the Executive Committee (2005-07)	Hong Kong Baptist University	16th April, 2005
Participation in a consultation meeting organised by the Working Group on Review of Secondary School Places Allocation and Medium of Instruction for Secondary Schools, Education Commission	Education and Manpower Bureau Headquarters	20th May, 2005
Awards for Outstanding Postgraduate Student Papers in Geography-related Studies	–	July to November 2005
New Teachers Orientation Programme	Hong Kong Teachers' Centre	15th to 18th August, 2005
Publication of landscape calendar (2005-06)	–	October 2005
Publication of Hong Kong Geographer (Vol. 20, Issue 1)	–	October 2005
Professional Development Course on Basic Meteorology organised by the Hong Kong Observatory for the Hong Kong Geographical Association	Hong Kong Observatory headquarters	22nd and 29th October, 2005
Hong Kong Geography Day (2005), with a talk on assessment at the Advanced Level and a fieldtrip on urban renewal for teachers, and talks on tsunamis and Victoria Harbour reclamation issues for students	Hong Kong Baptist University	19th November, 2005
Update and enrichment of HKGA website	–	December 2005
Visit to Hong Kong Science Park and the Physical Geography Experimental Station, CUHK	Science Park and CUHK	17th December, 2005 (tentative)
Fieldtrip on environmental conservation	NE New Territories	January 2006
Visit to Hoi Ha Wan Marine Park and the WWF Hong Kong Marine Life Centre, together with a coral observation tour on a glass-bottomed boat	Hoi Ha Wan	11th February, 2006
Annual General Meeting (2006) and talks	To be decided	March 2006 (tentative)
Visit to Hong Kong Wetland Park upon the completion of Phase 2	Tin Shui Wai	March/April, 2006
Overseas field trip	To be decided	April 2006 (tentative)
Professional Development Course on Urban Planning	To be decided	April-May, 2006
Publication of Hong Kong Geographer (Vol. 20, Issue 2)	–	April 2006
Production and sale of materials for geography teaching	–	May 2006

(Please take note of the upcoming activities when planning your schedule. Members are entitled to priority status and big discounts in most of the activities.)

Activity Plan (2005-06)

Executive Committee (2005-06)

Chairman	Dr. Becky P.Y. Loo	Department of Geography, HKU
Vice-chairman	Dr. Yeung Pui Ming	S.K.H. Kei Hau Secondary School
Hon. Secretary	Dr. Maggi W.H. Leung	Department of Geography and Resource Management, CUHK
Hon. Treasurer	Dr. Wang Dongguan	Department of Geography, HKBU
Immediate Past President	Dr. Frederick Y.S. Lee	Department of Geography, HKU
Member (HKIED rep.)	Dr. Irene Cheng Nga Yee	Social Sciences Department, HKIED
Member (HKU rep.)	Dr. Ngo Cho Lam	Department of Geography, HKU
Member (CUHK rep.)	Prof. Ng Sai Leung	Department of Geography and Resource Management, CUHK
Member (HKBU rep.)	Dr. Bernhart Owen	Department of Geography, HKBU
Member	Miss Emily Wong	TWGHs Chang Ming Thien College
Member	Mr. Yeung Kam Chuen	Caritas Chun Ha Field Studies Centre
Member	Prof. Zhang Li	Department of Geography and Resource Management, CUHK

Secondary Education Committee

Mr. Lai Hoi Tin	Ho Fung College
Miss Lee Ho Yee	St. Clare's Girls' School
Miss Wong Yuk Ping, Emily	TWGHs Chang Ming Thien College
Dr. Yeung Pui Ming (Chairman)	S.K.H. Kei Hau Secondary School
Mr. Yeung Pun Ki	Assembly of God Hebron Secondary School

Tertiary Education and Research Committee

Dr. Frederick Lee	Department of Geography, HKU
Professor Ng Sai Leung	Department of Geography and Resource Management, CUHK
Dr. Wang Dongguan	Department of Geography, HKBU
Professor Zhang Li	Department of Geography and Resource Management, CUHK

Field Trip Committee

Dr. Irene Cheung Nga Yee	Social Sciences Department, HKIED
Dr. Ng Cho Lam	Department of Geography, HKU
Dr. Bernhart Owen	Department of Geography, HKBU
Mr. Yeung Kam Chuen	Caritas Chun Ha Field Studies Centre

Membership and Publicity Committee

Miss Alice Chow	Department of Geography, HKU
Dr. Maggi W.H. Leung	Department of Geography and Resource Management, CUHK
Dr. Becky B.Y. Loo	Department of Geography, HKU
Miss Emily Wong Yuk Ping	TWGHs Chang Ming Thien College

中學地理 Geography in Secondary Schools

地理信息系統 - 教與學的分享

伍霽宜老師

九龍華仁書院

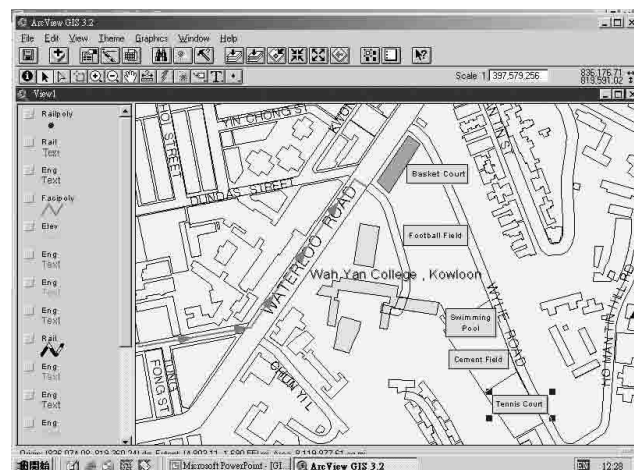
本篇文章是分享本校引入地理信息系統在地理科學習的經驗。由於在初中及高中的地理科正規課程內，尚未加入地理信息系統的研習，故此筆者曾探索學生應該認識地理信息系統到有多深的層次。在現階段，是希望同學能夠掌握地理信息系統，作為一項工具，來處理簡單的空間數據。為了讓同學認識電子地圖的概念，筆者讓同學在課堂內上網，憑網站的電子地圖去搜尋自己的住所及學校的位置。至於圖層的概念，則藉著展示舊有的高映片，使同學明白空間資料可以一層層的增減。在教與學的過程裡，基本上是著重實習而理論較少。

教學年級

本校於中一、中二及中四級的地理科引入地理信息系統。

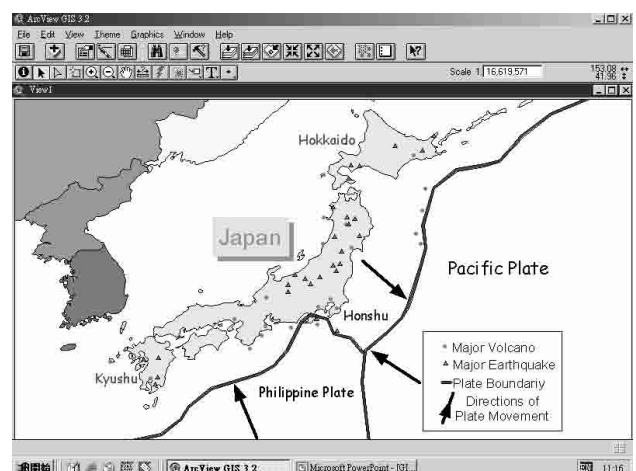
中一級

為配合中一同學在上學期曾學習地圖的基本技巧，本校購買了一張 1:10000 的油麻地區電子地圖，涵蓋了本校及附近的範圍。同學需在地圖上找出本校的建築物及設施後加上注釋，並需要繪劃一條路線指示怎樣由地鐵站抵達本校。透過這個活動，同學能掌握一些運用軟件基本技巧例如加上點線面及注釋。



中二級

在中二的課程，有一個課題是有關地殼運動。本校在教授地震、火山、及板塊運動時引入地理信息系統。在本校所購買的地理信息系統的軟件中附送了一張世界地圖。同學需利用軟件的經緯度顯示，以圖層方式在日本及附近範圍準確加上火山、地震及板塊的位置及板塊移動的方向，從而明白箇中的關係。



中學地理

Geography in Secondary Schools

Slopes around Wah Yan College, Kowloon



中二級另一個課題是危險斜坡。教師先讓同學作實地考察，拍攝在學校附近的危險斜坡及已維修的斜坡的圖片，然後使用地政署的電子地圖，找出在學校附近的危險斜坡的位置，在地圖上標示出來。並加上圖片配對。

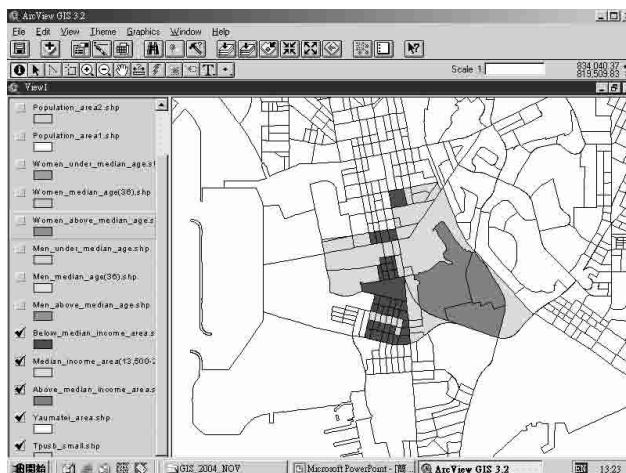
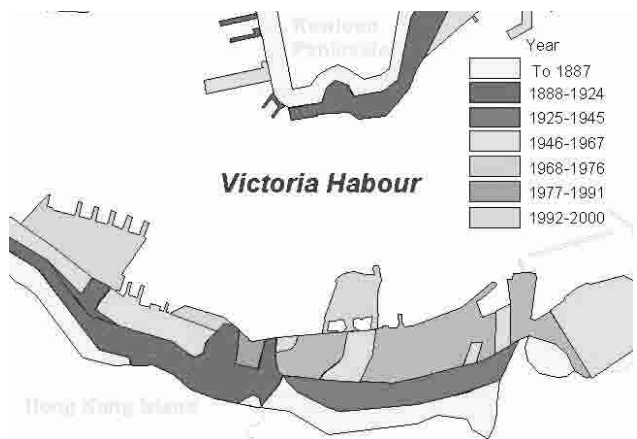
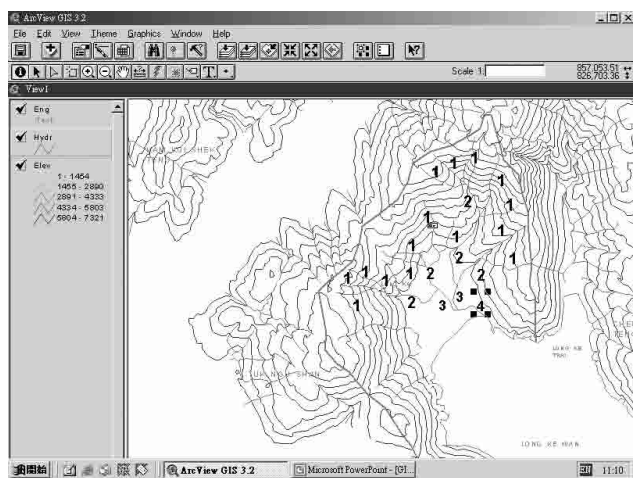
中四級

在會考課程裡其中一個主題是河流系統。透過購買的 1:20000 電子地圖，同學先研習西貢區的河流體系，然後選擇一個河盆，在地圖上加上分水嶺及河流等級。

以上是本校在地理科正規課程內，利用地理信息系統去配合教學的課題。

專題研習

在地理科的專題研習裏，本校亦鼓勵同學多運用地理信息系統。例如，同學在做一個關於維多利亞港的研習時，就採用一幅 1:10000 的地圖，把維港兩岸由上世紀至近年不同階段的填海範圍逐一勾劃出來。



在另一個專題研習中，同學要研究油麻地區的人口特徵。同學根據 2001 年出版的人口普查結果，配合統計署出版的地圖唯讀光碟，把人口統計的數據在地圖上分層展示出來。

因為專題研習是在課餘時間進行，同學能夠運用更多時間利用軟件處理空間數據，效果令人滿意。

中學地理

Geography in Secondary Schools

使用地理信息系統的效益及優點

- 地理信息系統運用可以深入淺出，同學能於一教節約三十分鐘內完成一個學習活動。
- 普遍來說，同學都喜歡使用電腦製作報告及使用互聯網搜集資料。因此假若有電腦輔助學習，能有效地提高學生學習的興趣。
- 透過把習作上傳至內聯網，同學們可以即時參考其他同學的檔案。若是對自己習作不滿意的話，可以立刻改善。同學之間的切磋和分享是很有趣的學習方法。
- 教師可以利用地理信息系統把地圖變成黑白，以製作考試卷所需的地圖，並能特別剪裁以適應不同题目的需要。效果良好及非常實用。
- 儲藏電子地圖能夠節省大量空間。

協作的重要性

- 老師與老師的協作:

通過研討會及工作坊，讓不同學校的老師能互相切磋，交換心得及一起研究解決困難的方法。

- 老師與同學的協作:

備課時除了老師自己嘗試完成習作外，還邀請學生嘗試。學生實習時，常遇到從未預見的問題，老師可先進行解難。在課堂上，老師會再邀請這些學生擔任助教，以協助其他電腦技術較次的同學。同學得到鼓勵及賞識，都會十分樂意和積極與老師一起開發新軟件。

- 同學之間的協作:

同學之間的協作亦很重要。本校地理教學使用分組學習，並且透過內聯網分享習作的方法，使不同級、不同班的學生可以交流，事半功倍。

困難

- 技術方面

本校使用的地理信息系統是 ArcView GIS 3.2 版本。本校電腦的硬件對這個版本尚可應付，但假若要使用更先進的版本去處理三維空間的研究，則不能以現有的裝備運行，需要添置新硬件。

- 財政方面

ArcView GIS 的最新版本需要超過一萬六千元一套，然而學校仍未獲得教統局在這方面財政上的資助。

另一個財政負擔是有關購買電子地圖的費用。從地政總署買來的地圖，收費繁多，繼有基本收費、更新費、牌照費（最近獲得豁免）及列印費。特別要留意的是列印費。地政署售賣的都是電子地圖，只給予用戶使用電子版本的權利。因此每列印一張地圖，都需要付款。付款的手續繁複，用戶每次先要計算列印的面積及列印的數量，然後通知地政總署，收到付款通知後，再到郵政局繳款。每一位老師，當然希望做一位合法的軟件使用者，並且以身作則，教導學生。

因此，假若地理信息系統要在全港中學廣泛推行，有關部門是否有必要協助簡化行政手續？好讓老師的教和學生安心的學。

除此之外，學校亦應按各學科的需要，把電腦資源妥善地分配，使有需要的同學都機會使用校內硬件及地理信息系統軟件。大學的支援亦不可或缺，學術上的啟導是重要的一環。最後，相信不少老師亦與筆者一樣，期待著教育統籌局的角色，是除了制定政策外，還給予學校實質的支援，好讓地理信息系統學習在中學裡順利和有效地推行。

二零零五年地理科會考試題分析

黎海天 (可風中學)

二零零五年會考地理科採用新課程，這裏就今年卷一及卷二的題目作出分析，與大家分享。此外，我還列舉一些優點與缺點，希望考評局能多加留意。

表一 卷一試題分析

題號	主題及議題	個案例子	技能
1.	城市及可持續城市	香港	閱讀 1:20,000 地形圖，繪簡圖，列舉地圖證據
2.	農業及氣候異常	全球及加州	閱讀圖表
3.	內營力作用及自然災朗	環太平洋	閱讀圖表，繪簡圖
4.	氣候及糧食與飢荒	索馬里	閱讀圖表
5.	工業及能源的抉擇	中國	閱讀圖表
6.	外營力作用及水的煩惱	中國	從地圖中分析資料

- 一. 今年的題目覆蓋所有主題及議題，而且每題均有主題及議題，十分全面。還有，這種跨越單一主題的題目，不但要求學生把知識融綉貫通，更能杜絕學生祇選讀某個主題或議題的情況。這類題目更能反映出學生的程度。
- 二. 可能由於是新課程的關係，題目提問普遍簡單直接，而深度亦偏向淺易。
- 三. 今屆首次設有必答題，問及主題和議題，切合課程的要求。但考生普遍對繪簡圖練習不足，相信大部份考生都會失分。
- 四. 第 1、3 及 6 題最後的部份要求考生為其選擇的答案解釋原因，相信祇要言之成理，自圓其說，便可得分，這切合現今教育的大趨勢。
- 五. 第 6 題(c)部份問及南水北調對長江中下游河流作用及三角洲的可能影響。其實，該水利計劃對長江中下游河流作用及三角洲可能有兩方面不同的影響：
 - (a) 由於流量減少，中游沉積作用增加，下游搬運物減少引致沉積作用減少，最後三角洲面積減少。
 - (b) 另一方面，雖然下游搬運物及流量的絕對數量減少，但河口流量減少有利河口搬運物的沉積，繼而有利沉積地貌的形成（例如是三角洲）。若考評局的評分考試祇有第一方面的話就顯得不全面，會對那些給了第二方面答案的考生不公平（因他們不會得分）。

卷二方面的分析如下：

表二 卷二試題分佈

主題及議題	題目數量
地圖閱讀 (1:5,000 地形圖)	10
農業及糧食與饑荒	4
氣候與氣候異常	10
工業及能源的抉擇	8
外營力作用及水的煩惱	6
內營力作用及自然災朗	6
城市及可持續城市	6

- 一. 從表中可見多項選擇題題目已覆蓋所有主題及議題，而分佈方面尚算平均。
- 二. 題目內使用圖表的數目幾乎達到一半，算得上十分平衡。
- 三. 英文版第 39 題出規串錯字，其中“iron and steel industry”的“steel”串錯為“steal”。
- 四. 最大的問題是第 12 題，圖中顯示北冰洋上冰塊融化，題目問及該融化引致的後果。答案的四項選擇分別有沿岸泛濫、厄爾尼諾現象、海水的鹽分增加和海嘯。問題是根據古希臘哲學家阿基米德的原理，由於北冰洋上的冰塊原本已浮在海上，所以由它融化出來的水並不會對海平面有影響。這樣的話，該四項選擇都不對，希望考評局能公開作出解釋。

參考資料

1. <明報> 2003 年 11 月 28 日, 明報有限公司。
2. 南水北調規劃設計管理局(1994) <南水北調東綫工程環境影響評價報告書> 及 南水北調規劃設計管理局(1995) <南水北調中綫工程環境影響評價報告書>。

2005 年高級程度會考地理科卷一分析

呂志強、陳智勝(香港培道中學)

就本年高考地理科卷一設題，我們以下的體會與同工分享。

表一

題號	主題	採用案例	技能 / 價值判斷
1	必答題：新市鎮土地利用	東涌	地圖及照片闡釋、繪畫略圖、知識應用
2	河道徑流變化	珠江及黃河	圖表及數據分析、繪畫水文曲線圖
3	熱量平衡	/	繪畫線形圖、概念應用 (能量收支平衡)
4	植物生產力	熱帶雨林、熱帶荒漠及苔原	運算及數據分析、知識應用
5	旅遊業及荒漠化	內蒙古恩格貝荒漠邊緣	辨識照片、價值判斷
6	化肥與有機肥	澳洲小麥農場	辨識圖表、知識應用
7	農業生產因素	美國	數據及圖表分析
8	旅遊業	意大利威尼斯	照片及數據闡釋、概念應用 (出價地租)
9	創意工業	香港(建築業寫字樓、印刷業、軟件及資訊科技業)	地圖分析、價值判斷
10	溫室效應及熱島效應	香港(中環及上環)	圖表及地圖闡釋、知識應用
11	高速公路的污染及對城市土地利用的影響	澳洲悉尼	網頁資料分析

本年高考地理卷一有以下特點：

1. 涵蓋課程範圍大致均衡，詳見表一中主題部份。
2. 各類圖表及數據分析均有涉及，詳見表一中技能 / 價值判斷部份。
3. 比以往運用更多彩色照片。照片闡釋要配合地圖及圖表的運用，例如：題一需要透過地圖指出有關照片的拍攝方向、題八在分析圖表時亦需要利用威尼斯照片所提供的資料。
4. 在內容方面，有相當多的時事議題，例如：東涌河非法挖掘礫石、生態旅遊、創意工業、可持續發展概念、溫室效應及城市增溫等。
5. 較少重覆過往的題目，利用較多新意的引題材料來帶入課程主題，例如：用旅遊業帶出出價地租概念、用高速公路帶出城郊發展等。
6. 地理理論模式的內容沒有包含在本年的卷一題目內。
7. 對中國地理有基本知識的要求，例如：題二需要認識珠江及黃河流域。
8. 考核知識運用的題目較多，但價值觀判斷的題目較少。
9. 整體題目的題材及內容較往年淺易，尤其是人文景觀範疇的題目，要求答案較為直接及表面，需要較少紳入的思考。
10. 涉及的微觀課題較過往多，例如：城市功能中的旅遊功能、農業生產因素中的農場規模比較、交通問題中的高速公路所引發的問題等。

總結：

一如既往，地圖、照片、圖表及數據的閱讀和闡釋能力是卷一試題的重點考核內容。今年試題值得留意的地方，是要求考生在時事議題有廣泛的認識。對香港以至中國的基本地理知識要求亦非常重要。另外，在研習課程主題時亦須多作深入認識，多思考分題細節的內容及其與主題的關係。

Common Websites for Teaching

The websites in the following tables are useful for teaching the subject in general. A soft copy of these tables is given in the website of the Association (www.hkga.org). Please feel free to use them and inform us of other useful websites by e-mail (enquiry@hkga.org) so that we can add and update the tables from time to time both in the Hong Kong Geographer and in the Association's website. Evaluation of the websites and suggestions on how to use them for teaching or research purposes are welcome.

Table 1 Websites in general (PG = Physical geography; HG = Human geography)

	Website address	Name	Coverage	Levels
1.	www.aag.org	Association of American Geographers	All topics	F6-F7
2.	www.bbc.co.uk/education	British Broadcasting Corporation (TV) Education Information	All topics	F6-F7
3.	www.open.gov.uk	British Government departments	All topics	F4-F7
4.	www.geography.org.uk	The Geographical Association, UK	All topics	F1-F7
5.	www.geography.co.uk	geography.co.uk	All topics	F1-F7
6.	www.hkga.org	Hong Kong Geographical Association	All topics	F1-F7
7.	www.info.gov.hk	HK Government (see Table 4 details)	All topics	F1-F7
8.	www.ncge.org/resources	National Council for Geographical Education	All topics	F1-F7
9.	www.fed.cuhk.edu.hk/geo	Advanced Level Geography Classroom	PG and HG	F6-F7
10.	www.ied.edu.hk/ss	The Institute of Education, HK —Websites for geography (CE) courses	PG and HG	F4-F5
11.	www.esri.com	Environmental Systems Research Institute	GIS	F6-F7
12.	www.centamap.com	Centaline Property Agency and Lands Department	Digital maps of Hong Kong	F1-F7
13.	www.nationalgeographic.com/maps	National Geographic	All topics (incl. map information)	F1-F7
14.	www.cia.gov/factbook	CIA World Factbook	All countries	F1-F7
15.	www.geographynetwork.com	Geography Network, U.S.A.	All countries	F1-F7
16.	www.geog.ouc.bc.ca/physgeog	Department of Geography, Okanagan University College, B.C., Canada.	Geology and PG	F4-F5; F6-F7
17.	www.usgs.gov	United States Geological Survey	Geology and PG	F1-F7
18.	www.geolsoc.org.hk	The Geological Society of Hong Kong	Geology and PG	F1-F7
19.	www.volcanoes.com	Volcanoes.com	Volcanology	F4-F7
20.	http://volcano.und.nodak.edu	Volcano World	Volcanism	F4-F7
21.	www.cedd.gov.hk	Hong Kong Slope Safety	Mass movement	F4-F7
22.	www.weatherbase.com	Weatherbase	Regional weather and climate	F1-F7
23.	www.wmo.ch	World Meteorological Organisation	Meteorology and climatology	F6-F7
24.	www.meto.gov.uk	The UK Meteorological Office	Meteorology and climatology	F1-F7
25.	www.noaa.gov	National Oceanic and Atmospheric Administration, United States	Meteorology and climatology	F1-F7
26.	www.epa.gov/globalwarming	United States Environmental Protection Agency – Global Warming	Global warming	F4-F7
27.	www.blueplanetbiomes.org	Blue Planet Biomes	World biomes and climates	F4-F7
28.	www.fao.org	United Nations Food and Agriculture Organisation	Farming and forestry	F4-F7

Common Websites for Teaching

	Website address	Name	Coverage	Levels
29.	www.wfp.org	United Nations World Food Programme	Hunger relief, poverty & famine	F4-F7
30.	www.energyinfo.uk	Energy Information	Power resources	F4-F7
31.	www.cityu.edu.hk/hkhousing	Hong Kong Housing Home Page	Housing database and statistics: HK	F1-F7
32.	www.un.org/ecosocdev	United Nations Economic and Social Development	Global development	F1-F7
33.	www.siliconvalley-usa.com	Silicon Valley Gateway	I.T. industry	F4-F7
34.	www.eujapan.com	European Union – Japan Centre for Industrial Cooperation	Manufacturing in E.U. and Japan	F4-F7
35.	www.encarta.msn.com	MSN Electronic Encyclopedia	All topics	F4-F7

Table 2 Environmental and relief organisations and magazines

	Website	Name		Website	Name
1.	www.hkairport.com	Airport Authority	2.	www.info.gov.hk/afcd	Agriculture, Fisheries & Conservation Dept.
3.	www.info.gov.hk/censtatd	Census and Statistics Department	4.	www.info.gov.hk/cad	Civil Aviation Department
5.	www.cedd.gov.hk	Civil Engineering Development Dept.	6.	www.cyberport.com	Cyberport Hong Kong
7.	www.emb.gov.hk	Education and Manpower Bureau	8.	www.info.gov.hk/efb	Environment and Food Bureau, HK Government
9.	www.epd.gov.hk	Environmental Protection Department	10.	www.etwb.gov.hk	Environment, Transport and Works Bureau
11.	www.hkedcity.net	Hong Kong Education City	12.	www.hkeaa.edu.hk	HK Examination and Assessment Authority
13.	www.hyd.gov.hk	Highways Department	14.	www.hko.gov.hk	Hong Kong Observatory
15.	www.hkstp.org	HK Science and Technology Parks Corporation	16.	www.info.gov.hk/hd	Housing Authority & Housing Department
17.	www.info.gov.hk/landsd	Lands Department	18.	www.lcsd.gov.hk	Leisure & Cultural Services Department
19.	www.mardep.gov.hk	Marine Department	20.	www.info.gov.hk/planning	Planning Department
21.	www.rthk.gov.hk	Radio Television Hong Kong	22.	www.info.gov.hk/tc	Tourism Commission
23.	www.info.gov.hk/tid	Trade and Industry Department	24.	www.info.gov.hk/td	Transport Department
25.	www.urao.org.hk	Urban Renewal Authority	26.	www.info.gov.hk/wsd	Water Supplies Department

Common Websites for Teaching

Table 3 Geography-related departments in higher education, and field studies centres

	Website address	Name
1.	http://geog.hku.hk	Department of Geography, The University of Hong Kong
2.	www.hku.hk/earthsci	Department of Earth Science, The University of Hong Kong
3.	www.hku.hk/cupem	Centre of Urban Planning and Environmental Management, The University of Hong Kong
4.	www.grm.cuhk.edu.hk/	Department of Geography and Resource Management, The University of Hong Kong
5.	http://geog.hkbu.edu.hk	Department of Geography, Hong Kong Baptist University
6.	www.ied.edu.hk/ss	Department of Social Sciences, Hong Kong Institute of Education
7.	www.caritasfsc.edu.hk	Caritas Chun Chun Ha Field Studies Centre
8.	www.hokoon.edu.hk	Ho Koon Nature Education cum Astronomical Centre

Table 4 Government bureaus, departments and related organisations

	Website	Name		Website	Name
1.	www.conservancy.org.hk	The Conservancy Association	2.	www.cee.org.uk	Council for Environmental Education, UK
3.	www.ecc.org.hk	Environmental Campaign Committee, HK	4.	www.epd.gov.hk/epd/english/boards/ecfc/maincontent.html	Environment and Conservation Fund, Hong Kong
5.	www.fews.net	Famine Early Warning System	6.	www.foe.org.hk	Friends of the Earth, Hong Kong
7.	www.greenpeace-china.org.hk	Greenpeace Hong Kong	8.	www.greenpower.org.hk	Green Power
9.	www.hkdiscovery.com	Hong Kong Discovery	10.	www.hknature.net	HKnature.net
11.	www.ucc.ie/famine	The International Famine Centre	12.	http://eelink.net	North American Asso. for Environmental Education
13.	www.opcf.org.hk	Ocean Park Conservation Fund	14.	www.oxfam.hk	Oxfam Hong Kong
15.	www.producegreen.org.hk	Produce Green Foundation	16.	www.ramsar.org	The Ramsar Convention on Wetlands
17.	www.sustainable-sf.org	Sustainable-sf.org	18.	www.unicef.org	United Nations Children Fund
19.	www.unep.org	United Nations Environmental Programme	20.	www.iucn.org	The World Conservation Union
21.	www.wwf.org.hk	World Wide Fund for Nature HK	22.	www.worldvision.org.hk	World Vision Hong Kong

Table 5 Publishers with resources for learning geography

	Website	Name		Website	Name
1.	www.jingjung.com	Jing Kung Educational Press Ltd.	2.	www.longman.com.hk	Longman Hong Kong Press Ltd.
3.	www.manhattanpress.com.hk	Manhattan Press (H.K.) Limited	4.	www.oupchina.com.hk	Oxford University Press Hong Kong

Higher Degree Research Theses at Local Universities

One of the key concerns of our Association is to promote the study and research of geography and geographical education at an advanced level. The scheme for the Awards for Outstanding Postgraduate Student Papers in Geography-Related Studies is a response to this concern (please refer to page 2 for details). The titles of the Master of Philosophy and Doctor of Philosophy theses completed at local universities in the past ten years are tabled below for your information, and to help current and prospective students for higher degree courses in the subject. Readers can identify the trends of research studies and refer to the theses concerned if necessary. A list of the higher degree theses on geographical education will be published in the next issue of the Hong Kong Geographer.

Department of Geography, The University of Hong Kong

Brimicombe, A. J.	Uncertainty and fitness-for-use in handling aerial photographic interpretive data in geographical information systems	PhD	1995
Che, Xiurong	Regional imbalance in exploitation of natural resources for crop farming in Indonesia: a study in agricultural geography in Java, Sumatra and Kalimantan	PhD	1992
Ip, Hing-fong	An historical geography of the walled villages of Hong Kong	M.Phil.	1995
Lai, Wing-man	Industrial clusters and local competitiveness: a case study of Dongguan, China	M.Phil.	2005
Liu Weidong	Geography of China's auto industry: globalization and embeddedness	PhD	2000
Shi, Changxing	Sediment flux through the Yellow River sediment routing system	PhD	2003
So, Fun-mun	An application of geographic information systems in the study of spatial epidemiology of respiratory diseases in Hong Kong, 1996-2000	M.Phil.	2003
Tang, Sze-man	Farmland conservation in Hong Kong's rural hinterland: conflicts and potentials	M.Phil.	2004
Tang, Yuk-king, Alice	Development of environmental citizenship in students in Hong Kong	PhD	2004
Wong, Yan-ping, Agnes	The geography of Internet production and consumption in the Asia-Pacific	M.Phil.	2003
Yeung, Oi-yan	A geography of post-disaster recovery: a case study of the Japanese experience following the 1995 Great Hanshin earthquake	M.Phil.	2000
Yu, Sherman	A study of sustainability indicators: Hong Kong's ecological footprint\	M.Phil.	2003
Yuen, Ying-hei	Urban soil pollution by heavy metals in public greenspaces in Hong Kong: profile and particle-fraction distribution	M.Phil.	2003

Department of Ecology and Biodiversity, The University of Hong Kong

Shaw, Julia	Hong Kong Cyperaceae : taxonomy, ecology and geography	M.Phil.	2000
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Department of Geography & Resources Management, The Chinese University of Hong Kong

Li Xiang	Modeling and accessing trajectory data of moving vehicles in a road network	Ph.D	2004
Cheung Ka Kui	Can recreation and conservation co-exist? A case study of Shing Mun Country Park	M.Phil.	2004
Lo Yuen Yee	Recreation experience and visitor satisfaction of country park users in Hong Kong	M.Phil.	2004
Lui Kin Pui	香港年輪學研究以大菴木荷和荔枝窩作例子	M.Phil.	2004
Chiu Pik Ki, Becky	Slope bioengineering in Hong Kong: A study of substrate properties and vegetation development	M.Phil.	2004
Kee Wai Man	Regional governance of the Greater Pearl River Delta Region in South China: the case of cross-boundary infrastructure	M.Phil.	2004
Lam Lai Yee	Simulation study on the effects of heat and ash on soils	M.Phil.	2004
Tang Chi Wai	Path of sustainable agriculture: A case study of living contour hedgerows in Zigui County, Hubei Province	M.Phil.	2004
Chan Wing Kan	Effects of parent material on soil recovery and vegetation regeneration after fire disturbance in Hong Kong	M.Phil.	2004
Hui Shuk Ying	Urban Heat Island in Hong Kong: Detection, Characterization and Evaluation	M.Phil.	2004

Higher Degree Research Theses at Local Universities

Woo Siu Kei	以民族的傳統睿智規劃內蒙古生態遊	M.Phil.	2004
Liu Wing Ting	Nitrogen and Phosphorus Dynamics in Hong Kong Urban Park Soils	M.Phil.	2004
Lee Wai Ying, Joanna	Transforming Hong Kong into a world city: The world city formation process	PhD	2004
Hu Tianxing	Urban expansion under decentralization reform in China	PhD	2003
Ip Oi Ling, Betty	Integration of satellite images and census data for quality of life assessment in Hong Kong	M.Phil.	2002
Hui Wing Chi	Modelling the impact of land-use changes on non-point source pollution loading in the Guanlan river basin	M.Phil.	2001
Kan Wai Ming, Esther	Pedestrianization in Hong Kong: Its impacts on air quality and human response	M.Phil.	2001
Zhao Yibin	Public participation virtual studies for ecological planning — with a case study of wildfire behavior	M.Phil.	2001
Chan Kit Ying	How well does EIA protect the biodiversity in Hong Kong	M.Phil.	2001
Leung Hoi Gok	Ecological impact assessment: Post-project analysis of pipeline installation	M.Phil.	2001
Yu Shu Ban	Strategic noise and ecological assessment of road networks using GIS	M.Phil.	2001
Yuen Siu Man, Garfield	Post-project analysis in environmental impact assessment: A case study of pipeline construction with special emphasis on soil management	M.Phil.	2001
Chan Fong	Enrichment planting of native species in Hong Kong	M.Phil.	2001
Kong, Yunfeng	GIS diffusion in China (microform): Theoretical considerations and preliminary case studies	PhD	2001
Ng Wing Fai	Poverty alleviation in the Ningxia Hui Autonomoua Region, China, 1983-1992 (microform)	PhD	2000
Au Pui Sze, Anna	Vegetation dynamics and soil characteristics of acacia plantations in Hong Kong	M.Phil.	2000
Poon Fung Ting, Eva	Study of non-hukou migration in the Pearl River Delta of China in the 1990	M.Phil.	2000
Yu Hongbo	Data organization for routing on the multi-modal public transportation system: A GIS-T prototype of Hong Kong	M.Phil.	2000
Poon Mei Yan	Monitoring and auditing the environmental impacts of the Pak Shek Kok reclamation project	M.Phil.	2000
Huang Yefang	Regional economic development in Yangtze river delta since 1978: Jiangsu province as a particular case	PhD	2000
Wan Yuk-ching	Fluvial sediment transport in small sub-tropical urban catchments, Hong Kong	M.Phil.	1999
Wong Chun-kit	An analysis of spatial and temporal variation in rainfall characteristics in Hong Kong	M.Phil.	1999
Ma Fung-yan	Hyperspectral data analysis of typical surface covers in Hong Kong	M.Phil.	1988
Marafa, L.M.	Soil studies along a vegetation chronosequence affected by fire in Hong Kong, South China	PhD	1998
Tang Pui-ye, Connie	The role of property developers in the provision of owner-occupied housing in Hong Kong	M.Phil.	1998
Ngan Nga-wing	Homeward investment in Fujian by ethnic Fujianese outside socialist China	M.Phil.	1998
Choi Ka-hang	Geographical analysis of cancer incidence and mortality in Hong Kong using geographic information systems	M.Phil.	1998
Tsui Wai-man, Winnie	Study of particulate pollution in The Chinese University of Hong Kong (in Chinese)	M.Phil.	1997
Tsang Po-yan, Pauline	Early ecosystem restoration in Hong Kong: A case study of the Tai Tong East borrow area	M.Phil.	1997
Tsang Ka-fai	The integrated resettlement programme in Zigui County: The interplay of different actors in shaping the local reality	M.Phil.	1997

Higher Degree Research Theses at Local Universities

Mo Pan	Effect of integrated farm practices on sustainable agriculture in Zigui County, the Three Gorges region of China	M.Phil.	1997
Chan Wai-yip	A study of the road traffic noise problem in Tsuen Wan, Hong Kong	M.Phil.	1997
Chan Wai-yi	A study of planter greenery and planter soils in Hong Kong	M.Phil.	1997
Cheung May-shuen	The reconstruction of late Quaternary depositional environments in the vicinity of Yuen Long	M.Phil.	1996
Lam Laam	Heavy metals in the overlying water and bottom sediments of Shing Mun River and Inner Tolo Harbour	M.Phil.	1996
Tse Shui-fai	Characteristics of urban street sediments in a small sub-tropical catchment, Shatin, Hong Kong	M.Phil.	1996
Choi Shu-keung	A geographic information system (GIS) based modeling support system for air quality analysis	M.Phil.	1996
Lai Hau-tsz, Vera	Property valuation using geographic information systems in Hong Kong	M.Phil.	1996
Lee Wai-ying	Role of development plans in development control in Shatin	M.Phil.	1996
Yau Mei-sze	Effect of hill fire on soil and vegetation in Tai Mo Shan Country Park, Hong Kong	M.Phil.	1996
Fung Lok-sun	A study of outward processing and assembling industries in the eastern part of Zhujiang Delta (in Chinese)	M.Phil.	1995
Wong Tak-ye, Tammy	The use of geographical information systems (GIS) for inventory and assessment of natural landslides in Hong Kong	M.Phil.	1995
Cheuk Man-yuen, Kitty	Choice in travelling between Hong Kong and Shenzhen	M.Phil.	1995
Cheng, Shuk-ching, Lilian	Modelling runoff patterns using geographic information systems – A cases study of Yuen Long – Kam Tin catchments, New Territories	M.Phil.	1995
Fung Chun-hong	Effects of acacias on the physical and chemical properties of granitic soils in Hong Kong	M.Phil.	1995

Department of History, The Chinese University of Hong Kong

Dong, Qun	The multi-space transformation and interaction in the city: A case study of Tuen Mun New Town	Ph.D	2000
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Department of Geography, Hong Kong Baptist University

Lee, Richard Ting Cheung	Sedimentary organic matter: implications for palaeo-environments and human impacts on sedimentation in Hong Kong	M.Phil.	2003
Li, Jiukun	Impacts of e-shopping on urban transportation: an integrated network equilibrium model of shopping and travel choices	M.Phil.	2004
Lo, Wing Yin	The changing geographical pattern of world oil trade since 1975	M.Phil.	2002
Pang, Shun Chin	Depositional modelling of tidal flats in Hong Kong: cases study: Ting Kok and Mai Po	M.Phil.	1999
Siu, Wai Mei	Perceived environmental quality of commodity housing in China: Guangzhou and Beijing case study	M.Phil.	2000
Tang, Yin Ha	The commodity housing market and tenure decision in Chinese cities: an analysis of Guangzhou city	M.Phil.	1999
Wang, Tan	The development of China's financial centres: a geographical perspective	M.Phil.	2002
Wong, Tat Fai	The relationship between weather and rheumatoid arthritis in Hong Kong	M.Phil.	2002
Yan, Wai Kit	The impact of ecological education program of non-government organizations: an empirical survey of the Guangzhou Green Country Ecological Education Centre and the Hong Kong Produce Green	M.Phil.	2002

Department of Economics, Hong Kong Baptist University

Guo, Huanguang	Inequality and economic growth in China : an empirical analysis	M.Phil.	2004
Hung, Cheung Tai	The impacts of Euroization on trade and FDI on the Euro	M.Phil.	2003
Tsang, Ho Yee	Analyses of the agricultural production during the era of rural reform in China	M.Phil.	1998