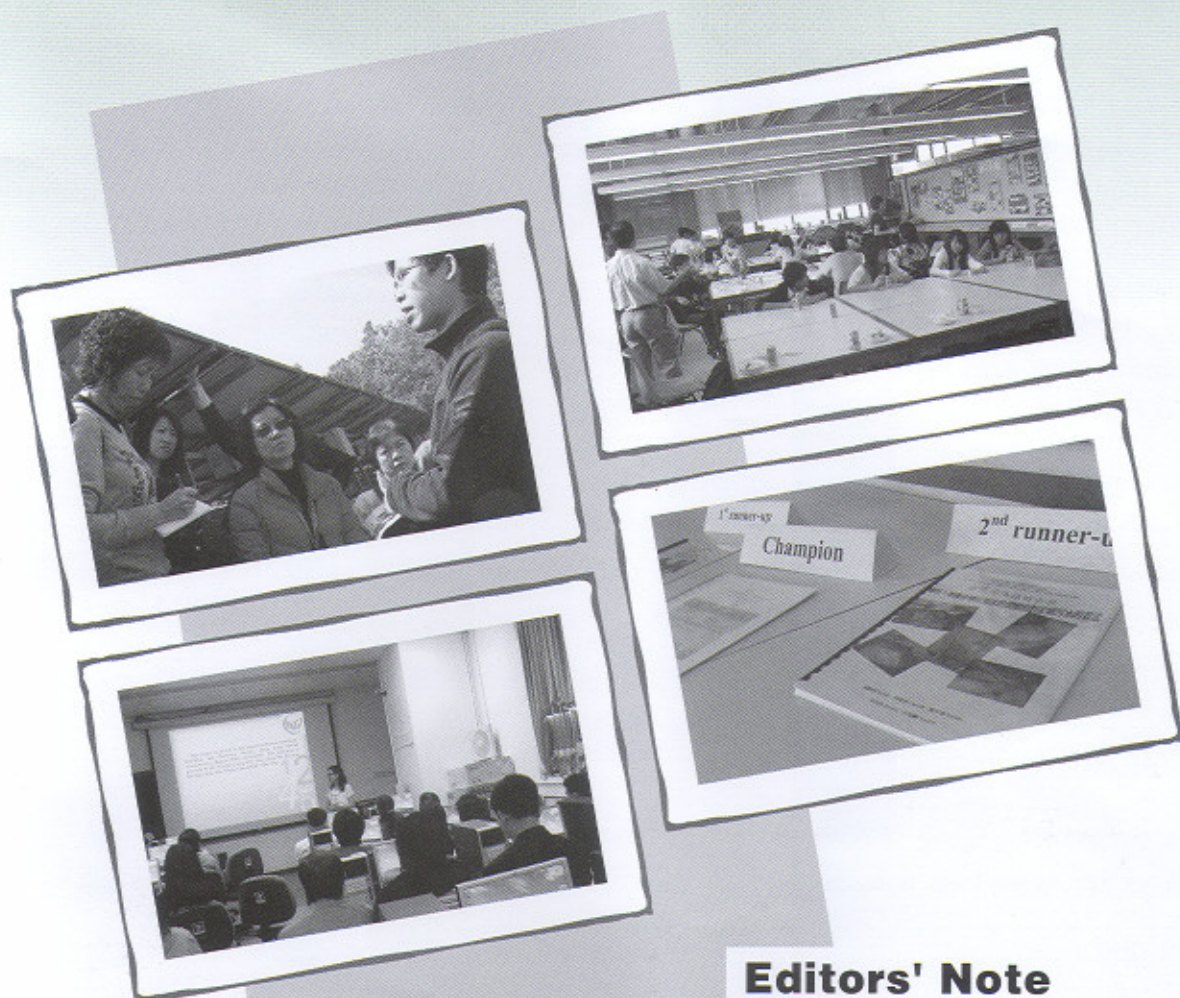


# THE HONG KONG GEOGRAPHER

# 香港地理人



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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

## Editors' Note

Time flies. It's almost six months since the last issue of Hong Kong Geographer. In the first half of 2008, the HKGA has organized different activities, including a fieldtrip to Shenzhen and a free GIS workshop with registration priority given to our members. Both activities received overwhelming responses. The biennial Hong Kong Geography Day with seminars, fieldtrips and exhibitions, is coming in this November (Details on P.3). Remember to keep track of the latest news of our events through our website: [www.hkga.org](http://www.hkga.org).

June 2008 • VOL 22 • ISSUE 1

香港地理學會

HONG KONG GEOGRAPHICAL ASSOCIATION



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



## Association News

### HKGA Representative in Hong Kong Teachers' Centre

We are glad to share the news that our Vice-chairman, Dr. Yeung Pui Ming has been elected as an Advisory Management Committee Member for the 18<sup>th</sup> Session of Advisory Management Committee (2008-2010) of the Hong Kong Teachers' Centre (HKTC). The HKGA will keep on organizing geography-related activities with the HKTC. One of the latest activities held in May 2008 is a fieldwork seminar in the HKTC's Annual Conference "*Curriculum Development and Teaching Practice*". The seminar topic is "*Fieldwork Learning in Geography for Junior and Senior Geography Students*" by Dr. Lai Kwok-chan (Head of Strategic and Academic Planning at the Hong Kong Institute of Education).

### Events on the Day of 2008 Annual General Meeting (26 April 2008)

Before the Annual General Meeting 2008, a free GIS Workshop on "*Conducting Spatial Enquiry in the New Senior Secondary Geography Curriculum*" with 41 participants was held in the morning (Workshop summary on P.5). The 2008 AGM was held at the Map Library, Department of Geography, the University of Hong Kong. The Chair's report, the Honorary Treasurer's report and the Secondary School Committee's report were received in the meeting. The prize presentation ceremony of Secondary School Project Learning Competition 2007 was also held during the AGM.

### Hong Kong Geography Day 2008: Inter-school Poster Design Competition

The call for competition entries was sent to all Secondary Schools in April. The winning design with the theme of "Climate Change" will be used as the event poster and souvenir production of Hong Kong Geography Day 2008 held in November. The competition has received overwhelming responses with over 70 entries from 26 schools. Results will be announced in the near future.

#### Forthcoming Events

15 November 2008

Hong Kong Geography Day 2008

(Co-organized with Department of Geography, HKU)

December 2008

International workshop on GIS for school education

(Co-organized with Department of Geography, HKBU)

#### 《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](mailto: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](mailto:enquiry@hkga.org). (Hong Kong Geographer Editorial Board reserves the rights to edit and publish selected articles.)





# Hong Kong Geography Day 2008

## Climate Change and Geographical Education & other geographical topics

**Date:** 15 November 2008 (Saturday)

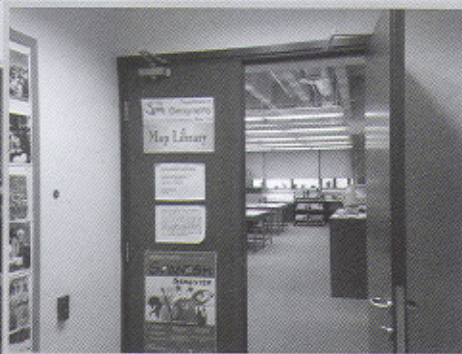
**Time:** 9:00am – 5:00pm



**Venue:** The University of Hong Kong

**Enquiry/Contact:** <geogday@hkucc.hku.hk>

### Activities:

- ❖ Keynote Speech by Mr Lam Chiu Ying, Director of Hong Kong Observatory
- ❖ University Faculty and Postgraduate Seminar Sessions
- ❖ Talks for Secondary School Teachers and Students
- ❖ Geography-related Exhibition by University Departments, Students Associations, Government Departments, NGOs & Private Corporations
- ❖ Field Trip to Kadoorie Agricultural Research Centre (HKU)
  - Study-areas include landslides, hill-fire and sediment production; vegetation and hill-fire; and hill-slope hydrology
- ❖ Field Trip to Satellite Remote Sensing Receiving Station (CUHK)
- ❖ HKU Geography Departmental Facilities Open House
- ❖ Book Fair



Co-organisers:  Hong Kong Geographical Association  Department of Geography, HKU



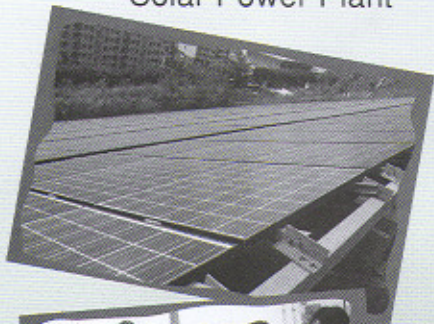
## Field Study to the Power Plants in Shenzhen Area: A Comparative Study



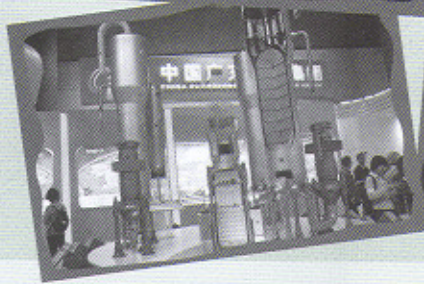
On 19 January, Mr. Jasper Ip of Eco Spot and 38 participants gathered at Shenzhen and departed for the Shenzhen Garden and Flower Expo Park in Futian (深圳市國際園林花卉博覽園), where a one Megawatt grid-connected photovoltaic power generation system is located. It is the largest project in Asia. The group visited the generator room and the photovoltaic generation components at the East Area of the Park. After a lunch in a sea food restaurant at Nanao, the group departed for the Guangdong Daya Bay Nuclear Power Station. The group visited the exhibition center for the models of nuclear reactors and the power generation process. Participants also enjoyed a magnificent bird's eye view of the whole nuclear power plant at the top of the observatory site.

During the field study, Mr. Jasper Ip and the participants carried out interactive discussions on different topics of renewable energy, including the technical operation of solar and nuclear power generation, treatment of radioactive waste, advantages and disadvantages of solar, wind and nuclear power, and the difficulties and future of using renewable energy in Hong Kong. We would like to take this opportunity to thank Mr Ip and the Fieldtrip Committee for organizing this informative and wonderful fieldtrip for our members.

Solar Power Plant



Daya Bay Nuclear Power Station





## Free GIS Workshop: "Conducting Spatial Enquiry in the New Senior Secondary Geography Curriculum"



This Workshop on Module One: Managing Urban Transport of the HKGA project "Conducting Spatial Enquiry in the New Senior Secondary Geography Curriculum" led by Dr. Becky P.Y. Loo and funded by the Education and Manpower Bureau has been successfully held on 26 April 2008 (Saturday) at the GIS Laboratory of The University of Hong Kong. The Workshop was over-subscribed two weeks in advance. A total of 41 participants attended the Workshop.

Based on the fieldwork data collected on Hennessy Road in Wan Chai, participants of this Workshop have learnt to:

- Create a database by importing data and creating an entity-relationship model with Microsoft® Access
- Understand data and entity in GIS
- Practise table joins for database management in GIS
- Present data with diagrams in GIS



Thanks to the kind cooperation and patience of all Workshop participants and the capable assistance provided by the assistants (Mr. William Leung, Miss Alice Chow, Mr. Rex Liu, Mr. Eric Chan and Miss Winnie Lam), the Workshop has been a success with 16.2% of the respondents strongly agreeing that the Workshop was very useful. 70.3% agreed that the Workshop was useful and 10.8% were neutral. Moreover, 97.3% indicated that they

would like to attend similar workshops in the future. We received many innovative ideas about the design of Module Two. We sincerely wish that the project will produce results which are of value to Secondary School teachers! Should you have any comment or enquiry, please do not hesitate to write to us.



## Secondary School Project Learning Competition 2007: Champion's Project Summary

### Wan Chai Reclamation Phase II: Gain or Loss?

Cheung Tin Chun Gavin, Fan Chun Yin, Hung Cheung Fat Harvey, Tse Pui Wung Arthur,  
Wun Hon Yip (St. Joseph's College, Teacher: Ms. Susanna M.F. Kwan)

#### Introduction

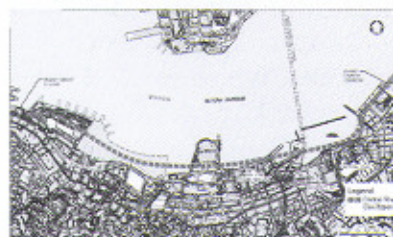
Nowadays, Hong Kong people are always busy and not noticing the existence of the Victoria Harbour. However, when the government released the Wan Chai Reclamation Phase Two in response to the traffic congestion in Central and Wan Chai, it raised the attention of the public. In this project, we shall introduce the arguments for and against Wan Chai Reclamation Phase Two, and our suggestions to the reclamation project.



#### Reasons for Reclamation

##### A. Traffic Congestion

As an international financial centre, Hong Kong must develop an efficient traffic network. By reclamation and construction of the Central-Wanchai Bypass, our traffic network will be strengthened and the current traffic congestion will be eased.



##### B. Rail Network

Building a better rail network can attract more people to take the railway and can further reduce traffic congestion. In the scheme of Wan Chai Reclamation Phase II, stations would be built in the reclaimed area for two railways—Shatin to Central Link and North Hong Kong Island Line.



##### C. Removing the Barrier Reaching Harbour-Front

Most buildings at the harbour-front caused barriers for people to reach the harbour-front. Reclamation is the best way to give back the harbour-front to the public.



##### D. Reducing Waves

Embankments, made by concrete blocks, built at the coastline of the reclamation project can reduce the waves in Victoria Harbour by absorbing over 75% of the energy of the waves, thus making Hong Kong a safer entrepot.

##### E. Tourism

Wan Chai isn't a popular tourist district because of the lack of wonderful tourist attractions. By reclamation, tourists attractions and public utilities can be built, which can improve the tourism industry in Wan Chai district and can provide more leisure places to Wan Chai citizens.



## Reasons against Reclamation

### A. Harbour Safety

Hong Kong is one of the busiest ports in the world. Because of this, Victoria harbour has to have space for ships to pass through. If the Victoria Harbour is being reclaimed further, the situation will be worsened and accidents will increase sharply.

### B. Aesthetic Value

The government's plan to build concrete blocks (embankments) to reduce the waves in the Victoria Harbour. This made the aesthetic value of the Victoria Harbour decreases.

### C. Congestion Creation

One of the main purposes of Wan Chai reclamation project is to ease the busy traffic in Gloucester Road and Hennessy Road. However, the project will create more traffic during the construction and after it.

### D. Air Pollution

Reclamation will produce a lot of air pollutants and toxic gases such as sulphur dioxide, nitrogen oxides and carbon monoxide. Diseases like heart disease or lung cancer will grow and our health will be endangered.

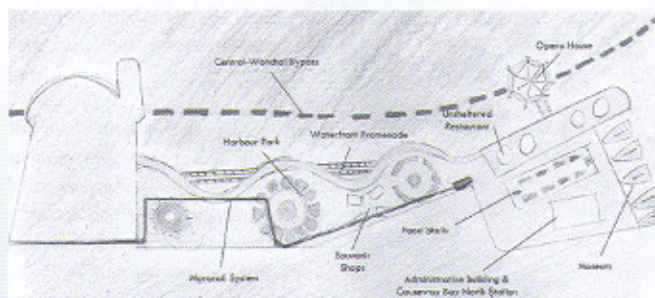
### E. Contaminated Mud & Mud Dumping

During reclamation, a large amount of rather high concentration of various toxic pollutants such as DDT, PCB and heavy metals like mercury will be produced and polluted the water around. These chemicals are detrimental to the health of marine animals.

### F. Flushing Action

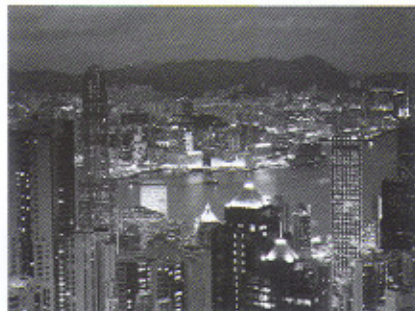
Under the government's scheme, there will be a park and the noon day gun will be moved to the newly reclaimed land. Narrowing of the harbour from reclamation will reduce the flushing action of tides.

## Summary



Wan Chai Reclamation Phase II should not be banned as it is the best choice to solve the current problems in Wan Chai, traffic congestion, lack of rail network and tourism spots, having too many barriers in Wan Chai District and too many waves in Victoria Harbour. However, the government's proposal on this reclamation project should not be accepted as there are too many defects. The government's plan is far too large in scale and

therefore, this plan should be abolished. By balancing the pros and cons for reclamation, we think that Wan Chai Reclamation Phase II should be kept, but in a much smaller scale. By considering the pros and cons of reclamation discussed, and the results of the survey which interviewed Wan Chai and non-Wan Chai residents, we are going to plan Wan Chai Reclamation Phase II by ourselves. The plan includes the suggestions of the bypass design, reclamation museum, opera house, sheltered restaurants, monorail and underground office buildings. During the design process, we will try our best to make the plan satisfying all parties and will benefit Hong Kong.





## Secondary School Project Learning Competition 2007: First Runner-up's Project Summary

### 如何使灣仔舊區重生?

布潔瑩、馮栢彤、高綺汶、林綺亭、冼駿文 (長洲官立中學 導師: 冼偉源老師)

正當大家把注意力聚焦在「保衛皇后碼頭」的時候，灣仔的舊區面臨市區重建局的清拆卻無人問津。

灣仔，集合大部分的政府機構，而且商店林立，給人繁華熱鬧的感覺。但在繁華熱鬧的背後，隱藏了全港人口老化嚴重的問題。政府統計處在2006年所發表的文件顯示，灣仔65歲或以上的人口高達14.5%，是港島區最高的，但是政府仍未制訂完善的政策去應付。



由於灣仔是香港最早發展的地區之一，是一個商業住宅混合區，區內有很多舊式住宅大廈，日久失修，結構危險，並與新落成的建築物格格不入，造成視覺污染。

在土地利用上，灣仔被視為過渡帶，所以樓宇密度高，並產生屏風效應，加上街道狹窄，交通嚴重擠塞，令空氣污染十分嚴重。此外，為老人而設的休閒設施極為不足，只有數個安老中心及社區中心；能滿足青少年的文娛及康樂設施亦少，阻礙香港發展成一個可持續發展的城市。



在經濟發展方面，灣仔偏向單一化，主要是商業，欠缺其他產業；如果商業發展遇上阻滯，整個灣仔的經濟可能崩潰。區內擁有很多歷史悠久的建築物，例如藍屋，面對政府一連串的舊區重建行動，部分建築物可能會被清拆。

有見及此，我們參考外地市區更新例子，包括台灣西門町及新加坡牛車水，並透過問卷調查，提出改善香港在市區更新方面的不足的建議，希望把灣仔發展成集文化、旅遊、消閒及保健於一身的地方，使灣仔能夠再次興旺起來，舒緩社會問題和壓力，進而使香港成為可持續發展的城市。

首先，我們建議保留整個「藍屋建築群」。依照政府原先的方案，以同類的材料復修「藍屋」及「黃屋」，然後發展成以茶藝及醫療做「賣點」的旅遊景點；又把「藍屋」原有的民間生活館擴充，令更多民間生活的事物可以搬入生活館，令旅客加深對灣仔舊區的認



識。我們亦建議把「藍屋」的最低下兩層改為住宅，一方面可以解決因搬遷而造成的街坊流離問題，防止社區凝聚力消失；另一方面可以把住宅開放，令旅客親身體驗「藍屋」的居住情況。

第二，由於區內的老人面對失業的困擾，然而他們擁有豐富的傳統技術，例如畫臉譜及製作麵粉公仔等，所以我們建議把「橙屋」發展成給予老人展示灣仔傳統手工藝的地方，向旅客講解灣仔的文化，一方面解決失業問題，減低政府負擔，另一方推廣中國傳統的手工藝文化，防止專門的手工藝流失。



第三，我們建議把「黃屋」發展成一個小型安老中心，加強區內的聯繫性，並在「藍屋」、「橙屋」及「黃屋」之間一直空置的土地上增置休閒設施，並建造一個公廁供三幢樓宇的居民使用，解決三幢樓宇沒有廁所的問題。

第四，我們計劃保留灣仔舊街市，並在旁邊興建新翼，安置舊街市的商販。我們亦堅持保留灣仔舊街市的外型，只翻新內部，並把地下改成藝術康樂廣場，供藝術工作者租用，舉行文化活動或嘉年華，以提升區內的凝聚力，並加速經濟的發展。

第五，我們建議把舊街市的第二層發展成兒童托管中心及小型遊樂場，增加區內家庭對灣仔的歸屬感。我們亦建議把舊街市的天台變成空中花園，讓區內居民享用，又可改善空氣質素。另外，我們決定把新翼的天台興建成空中花園，以天橋接駁兩個空中花園，加大花園面積。

第六，我們建議政府以地換地的方式來解決1996年與華置所簽署的合約，在舊街市旁邊興建新翼。新翼維持舊街市兩層式的設計，面積則比舊街市略大，並採用通風系統及採光技術，減少對環境的破壞，落實可持續發展的概念。

第七，我們計劃把新翼的第二層闢作成年人的消閒中心，內設健身房、電子遊戲機等設施，並在新翼地下興建食肆，吸引食店加入，提升區內的競爭力，發展多元化經濟，亦吸引年青人、老人家及消遣後的一家大小，提升他們的歸屬感。

第八，我們計劃把已清拆的街道的某些特色注入新發展的街道，使它成為混合式的街道，商店可合夥經銷不同的產品，刺激區內經濟，一方面不會阻礙灣仔的發展，另一方面亦盡可能保留舊有街道的特色，留下昔日商業的集體印記。此外，我們為灣仔舊區設計一條漫步路線，方便旅客體驗灣仔舊區的特色。

綜合而言，在可持續發展城市的大前提下，希望市民大眾關注舊區重建所帶來的問題，希望以上的建議，有助政府在更新市區時，能落實可持續發展的概念，從而制定適合的政策。



## Secondary School Project Learning Competition 2007 Second Runner-up's Project Summary

### 香港中學生用水習慣和對家庭污水的看法

張婉婷，梁淑雯，萬月瑜，李怡君，王柏齡（保良局馬錦明中學 導師：鄭凱文老師）

#### 撮要

本專題研習的目的是調查香港中學生用水的習慣和對家庭污水的看法。是次研究回收了293份問卷。結果顯示同學和家庭成員的用水習慣普遍良好，但新式的沖水系統並不普遍用於香港的家庭。中一至中四的學生對家居污水的處理方法之認識並不足夠，他們認為香港水質的污染程度嚴重，而且家居污水對水污染構成頗大的影響。中一至中二的學生對於排污費服務的認識程度較低，中三至中四的學生則對此認識較高。

#### 引言

香港是個繁榮的城市，日常生活中，我們製造很多水污染物，這些污染物包括食肆的酒樓、商業污水、工廠所排放的工業污水、填海所造成的水污染，還有是與大眾息息相關的家居污水。不同的團體曾經對香港的水污染做了不同的研究，包括Environmental protection 所做的環境保護研究報告、保良局朱正賢小學（下午學）所做的水質污染專題報告、「水污染－維多利亞港近岸水質」的研究報告、香港環境的研究報告，其內容甚少詳細探討家居污水對海洋所造成的壞影響。另外，我們發覺大眾對於香港的水質污染並沒有太深入的了解。因此，我們做了這個專題研習，希望可以引起各界對水污染問題的關注。

#### 研究流程

##### 1月

- 進行第一次腦力激盪法，找出「海洋」這個主題中的「水污染」問題
- 將草擬的第一份草圖交予地理科老師評審，因「水污染」範圍太廣而被駁回
- 進行第二次腦力激盪法，找出「水污染」的主題中的「商業污水」和「家居污水」問題
- 在互聯網搜集有關「商業污水」和「家居污水」的研究和報告，發現後者資料較少
- 到圖書館搜查有關「家居污水」的資料
- 將草擬的第二份草圖交予地理科老師評審，並獲得通過

##### 2月

- 訂立是次報告的主題和目的
- 擬訂供校內同學填寫的問卷的問題
- 草擬第一份問卷
- 將問卷交予地理科老師評審，因題目不清晰而被駁回
- 草擬第二份問卷
- 將問卷交予地理科老師評審，因研究方法不清晰而被駁回

##### 3月

- 擬訂供污水處理廠職員回答的口頭問卷的問題
- 17日，全組成員與地理科老師一起參觀沙田污水處理廠，並搜集資料
- 草擬第三份問卷
- 將問卷交予地理科老師評審，並獲得通過

##### 4月

- 由地理科老師在校內隨機抽出八班同學填寫問卷
- 收集了293份問卷
- 將問卷所得的資料加以整理和分類

##### 5月

- 將整理好的資料草擬成第一份統計圖
- 將第一份統計圖交予地理科老師評審，因統計圖未能表達出數據而被駁回
- 草擬第二份統計圖
- 將第二份統計圖交予地理科老師評審，因統計圖標題不清晰而被駁回
- 草擬第三份統計圖
- 將第三份統計圖交予地理科老師評審，並獲得通過
- 分析統計圖的數據，並將所得資料草擬成第一份研究報告
- 將第一份研究報告交予地理科老師評審，只須把報告中的言詞作修改
- 製作報告中的引言、研究過程、總結和感想各部份
- 將第二份研究報告交予地理科老師評審，因文詞不清晰而被駁回
- 將第三份研究報告交予地理科老師評審，只須把報告中的言詞稍作修改
- 將第四份研究報告交予地理科老師評審，並獲得通過

#### 結果和討論

##### 有否使用大便及小便不同的沖水系統？

根據結果顯示，大部分同學的家庭之如廁設備都沒有安裝大、小便不同的沖水系統，顯示出新式的沖水系統並不普遍用於本校同學的家庭。

##### 洗澡是花灑還是浸浴

根據結果顯示，大部分的家庭洗澡時都是使用花灑的（佔95%），用浸浴的只佔5%，顯示出本校同學的家庭洗澡習慣是良好的。

##### 刷牙洗臉的時候會否繼續開著水喉？

根據資料顯示，大部分同學（約73%）刷牙的時候不會繼續開著水喉，有22%會間中開著水喉，有5%會開著，由此，顯示出大部分同學用水習慣尚佳。



### 每一季的平均耗水量有多少？

根據結果顯示，家庭人數愈多，平均每人的耗水量愈低，除了1人家庭，因為1人家庭的資料人數只有1人，所以不能作準。

### 清楚每日所排放出的家居污水會怎樣處理嗎？

根據結果顯示，中一至中四的學生對家居污水的處理方法之認識並不足夠。

### 清楚排污費對排污服務有什麼幫助嗎？

根據結果顯示，中一至中二級的學生對於排污費服務的認識程度較低，中三至中四級的學生則對此認識較高。

### 你認為香港水質污染嚴重嗎？

根據結果顯示，中一至中四級同學認為香港水質的污染程度情況屬於嚴重。

### 你認為家居污水對水污染的影響大嗎？

根據結果顯示，中一至中四級同學認為家居污水對水污染構成頗大的影響。

### 研究限制

- 一. 是次研究中，我們只發出了三百多份問卷。由於時間限制，只能隨機抽樣，所以調查範圍不廣。
- 二. 因為這份問卷有提供特定的選擇答案，同學未能發表自己個人想法。
- 三. 同中學組別的學生對香港水質的感覺及認識也有不同。
- 四. 本校位於新界北區，學生對水污染的感受沒有沿海地區學校，例如：馬灣、大嶼山、南丫島等的學生那麼深刻。
- 五. 若受訪對象是小學或大學學生，他們的感覺會有所不同，研究會因而變得更深入。
- 六. 同學的居住環境亦會影響整個研究。若他們住在沙田城門河畔，經常嗅到河水的臭味，他們便會覺得香港水質污染是很嚴重的。

### 總結

海洋與我們的生活息息相關，而如果水污染的問題日益嚴重，對我們亦有很大的影響。

以下闡釋各方面可減低水質污染的方法：

**同學方面：**根據從同學得出的問卷調查結果，我們發現他們對於家居污水之處理方法認識並不足夠，我們認為同學們應該盡力參與有關於考察水質污染的活動，如參觀污水處理廠及出海觀賞中華白海豚等活動，事後可以製作有關的專題報告，令同學印象更深。

**家長方面：**可以減省用水，教育子女在各方面減少製造污水。另外，可以改善廁所水箱的沖水系統。

**學校方面：**可加入有關減少水質污染的教育課程，教育學生要減省用水。

**政府方面：**可以撥款資助低收入家庭，改善他們的水箱沖水系統，減少排出的家居污水。或資助學校開辦有關水污染的課程。在制定政策方面，檢討及修訂有關水污染管制條例。

**工廠方面：**工廠所產生的污水要先經處理，才排放出大海，以減低污染。

**環保團體方面：**可以增設有關香港水質的展覽，又可以派員到學校舉辦講座，令大眾吸收更多有關水污染方面的知識。

### 感想

在中三這年，我們五位同學都很高興能參與由香港地理學會和香港教育學院主辦的全港地理科專題報告比賽。而我們從中學懂了如何與組員互相交流意見從而撰寫一份詳細的報告，更加要感謝負責老師一直的指導，使我們更得心應手。

**前期感想：**我們先遇到的難題是如何定一道題目，因此我們深知道要製作一份詳細的報告的先決條件是要找一道好題目。經過組員分別從網上、教科書及圖書館藏參閱資料後，發現前人沒有深入研究家居污水問題，經老師的引導和組員多番討論後，最終擬定出「香港中學生用水的習慣和對家庭污水的看法」這題目。

**中期感想：**在製作這份專題報告的期間，剛好沙田污水處理廠有兩日的開放日，而為了能夠更深入認識污水處理的方法，我們就決定到污水處理廠進行考察。之前未開始做這個專題報告的時候，我們對於污水處理的程序都是一無所知的，而課本上所認識的各種污水又只是僅得少量的資訊，正所謂「讀萬卷書不如行萬里路」，這次參觀污水處理廠令我們都獲益不少。當日我們在污水處理廠內參觀了一整天，到了各個處理污水的重要程序考察過。期間，那裡的工作人員又作詳細的解釋，實地參觀過而且又有工作人員在旁加以解釋，令我們能夠更加容易明白書本上難以解釋的各個污水處理程序。

**後期感想：**完成在校內各級的抽樣問卷調查及參觀過沙田污水處理廠後，我們就要開始動手製作報告的各部份了。我們在處理大量的問卷時，組員都提出了很多不同的建議，希望能使問卷調查的結果可以以簡單而清晰的表達方法報告出來。最後，我們選擇了以統計圖及根據統計圖的資料作各方面的分析。完成處理問卷調查後，我們都學會了怎樣以各種圖表來表達報告的內容，而且以簡單直接的方式表達，就能夠令人更明白報告所帶出的信息。除了學會寫報告外，最重要的當然是對家居污水有更深入的认识。參觀完污水處理廠後，更明白到處理污水的過程其實是很繁複的，市民最基本做到的就是節約用水，親身到污水處理廠嗅過那裡最初未經處理的污水，我們就更加能感受到潔淨的水其實是得來不易的。



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### Merits Carmel Bunnan Tong Memorial Secondary School

Cheung Wing Wai  
Chong Ka Man  
Luk Kam Tsam  
Tam Tze Wan  
Yip Sze Pui



### 1<sup>st</sup> Runner-up Cheung Chau Government Secondary School

Fung Pak Tung  
Ko Yee Man  
Lam Yee Ting  
Po Kit Ying  
Sin Chun Man



### Champion St. Joseph's College

Cheung Tin Chun Gavin  
Fan Chun Yin  
Hung Cheung Fat Harvey  
Tse Pui Wung Arthur  
Wun Hon Yip  
(Represented by Ms. Susanna Kwan)



### 2<sup>nd</sup> Runner-up PLK Ma Kam Ming College

Cheung Yuen Ting  
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