

# **GEOG2127 Environmental Management (6 credits)**

**Course Teacher: Dr Wendy Y Chen**

## **Objectives**

The course will help students to understand major aspects of environmental management as a means for protecting natural and man-made environment.

## **Course Synopsis**

The course will introduce a range of key issues, concepts, principles, and methods in environmental management. The major components, processes, and attributes to the environmental management will also be elaborated. The roles of nonprofit organizations, market mechanism, and government regulations in environmental management will be examined. Real-life examples from Hong Kong, China, and oversea countries will be discussed to illustrate how integrated approaches would be applied for identifying optimal options in environmental management decision-making processes.

## **Lecture Topics**

- Environmental management: laws, standards, and regulations
- Environmental impact assessment (EIA)
- Environmental indicators and monitoring
- Market mechanisms in environmental management: economic tools
- Environmental management systems
- Environmental management in Hong Kong

## **Assessment**

Examination (two hours) 50%; Coursework 50% (consists of one assignment).

## **Learning Outcomes**

Knowledge:

- Understanding of major aspects in environmental planning and management
- Various approaches to environmental planning and management
- The merits and limitations of different methodologies for environmental management
- Critical thinking about environmental management in Hong Kong

Skills:

- Ability to compare and contrast various approaches to environmental planning and management
- Ability to critically evaluate the performance and effectiveness of environmental planning and management systems in Hong Kong

## **Recommended Reading List**

1. Belcham, A. 2015. *Manual of Environmental Management*. Routledge, New York.
2. Antweiler, W. P., 2014. *Elements of Environmental Management*. University of Toronto Press, Toronto.
3. Csaba, J. Nikolett, S. 2008. *Environmental management*.  
[http://www.tankonyvtar.hu/en/tartalom/tamop425/0032\\_kornyezeti\\_ranyitas\\_es\\_minosegbiztositas/index.html](http://www.tankonyvtar.hu/en/tartalom/tamop425/0032_kornyezeti_ranyitas_es_minosegbiztositas/index.html)
4. Barrow, C. J. 2006. *Environmental Management for Sustainable Development*. Taylor & Francis, Oxon, UK