

CONCLUSIONS AND REFLECTIONS

综述及思考

This planning studio focused on planning and design options for the proposed new central area along the West River in Gaoming. Of particular interest was the exploration of new ways of integrating water and hydrological factors into a modern city and its many systems including watershed and natural ecosystem protection, recreational activities, housing, transportation, and tourism.

The disciplinary differences of the students and MIT's distance from the site posed the greatest challenges to the class. However, through continued discussion and feedback, the studio successfully analyzed the existing site conditions and explored a number of policy and design alternatives for the major infrastructure systems of Gaoming. This document represents the collective understanding, analysis, and experience of the students in the class.

The students' commitment to their client, the city officials of Gaoming, and to Gaoming's long-term goal of becoming a sustainable, modern water city drove their work throughout the semester. The students present this book and the recommendations contained herein as a first step in an ongoing planning process that will ensure Gaoming's viability and the city's economic, environmental, and equitable sustainability in the years to come.

这个规划组着重于规划和设计西江畔的新中心地区。其中特别关注的是探索新的方式，用以结合水文要素和现代城市以及它的各种系统——包括水域，自然生态系统保护、娱乐活动，住宅、交通、以及旅游观光等等。

学生们学术背景的差异和远离场地均对课程造成了很大的挑战。但是，通过持续不断的讨论和信息的反馈，规划组成功地分析了场地的现有状况，并且探索出了一些政策上的和设计上的解决办法。处理高明的主要下部构造系统。这个书面文件代表了全班学生集体的认识、分析和经验。

学生对高明市政府的承诺，以及将高明建设成一个可持续发展的现代水城的决心一直贯穿在整个学期的工作中。学生撰写的这本书包含了建议如何可以令高明在未来的发展中在环境、经济和公平等方面可以保持生命力并持久地成长。

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SOURCES

资料来源

TRANSPORTATION SOURCES

- Cervero, R., University of California Berkeley. Institute of Urban & Regional Development., & University of California Berkeley. National Transit Access Center. (1995). *Creating a linear city with a surface metro: The story of Curitiba, Brazil*. [Berkeley]: University of California at Berkeley, Institute of Urban and Regional Development, National Transit Access Center.
- Corbett, Judy and Paul Zylofsky, ed. (1999). *Building Livable Communities: A Policymaker's Guide to Transit-oriented Development*. The Center for Livable Communities.
- Ewing, Reid. (1999). *Pedestrian- and Transit-Friendly Design: A Primer for Smart Growth*. Florida Department of Transportation: American Planning Association.
- Fingerhuth, Carl and Ernst Joos. (2002) *The Kunming Project: Urban Development in China---a Dialogue*. Boston: Birkhauser.
- Grava, Sigurd. (2003) *Urban Transportation Systems: Choices for Communities*. New York: McGraw-Hill.
- Lion, Satish McKay. (2003) *Transit Oriented Development Strategy: Guangzhou Case Study*. Thesis (S.M.)-- Massachusetts Institute of Technology, Dept. of Civil and Environmental Engineering,
- Midgley, P. (1994). *Urban transport in Asia: An operational agenda for the 1990s*. Washington, D.C.: World Bank.
- Serra, M. V. (2004). *Urban land markets and urban land development: An examination of three Brazilian cities: Braxilia, Curitiba and Recife*: University of California at Berkeley.
- Transit Cooperative Research Program. (1997). *The Role of Transit in Creating Livable Metropolitan Communities, TCRP Report 22*. Washington DC: National Academy Press.
- Tan, Lily. (2004) *Singapore's 100 Historic Places*. Singapore: Archipelago Press.
- Yuen, Belinda. (1998). *Planning Singapore: From Plan to Implementation*. Singapore: Singapore Institute of Planners.

WATER/HYDRROLOGY

- France, R. L. (2002). *Handbook of water sensitive planning and design*. Boca Raton, Fla.: Lewis Publishers.

Schueler, T. R., Holland, H. K., & Center for Watershed Protection. (2000). *The practice of watershed protection*. Ellicott City, Md.: Center for Watershed Protection.

HOUSING IN CHINA

Junhua, Lu, Peter G. Rowe, Zhang Jie ed. (2001). *Modern Urban Housing in China 1840-2000*. New York: Prestel.

Chen, Ke. (1997). *Housing in the Special Economic Zones: A Preliminary Study of Housing Provision and Conditions in Shenzhen*. Hong Kong: Department of Architecture, The Chinese University of Hong Kong.

Chen, Ke. (1997). *Urban Housing in China: An Introductory Study of "Year 2000 Urban & Rural Xiaokang Housing Scientific & Technological Industrial Project"*. Hong Kong: Department of Architecture, The Chinese University of Hong Kong.

Chen, Ke. (1997). *Affordable Housing in China: A Study of Pilot Housing Estates in Three Cities*. Hong Kong: Department of Architecture, The Chinese University of Hong Kong.

URBAN DESIGN

Sasaki Associates. (2004). *Sasaki Associates*. Hong Kong: Well Century International Ltd.

Watson, Donald and Alan Plattus and Robert G. Shibley ed. (2003). *Time-Saver Standards for Urban Design*. New York: McGraw-Hill.

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