

Greater Mekong Subregion Urban Development and Planning Training Program

Curriculum

- Training will take the form of lectures, discussions and site visits over a week's time.
- In accordance with the three GMS Urban Development Strategy Pillars proposed in the Strategic Framework, the training program will use People's Republic of China's (PRC) experience as a case study and introduce PRC's new urbanization policies, laws and regulations related to urban, rural planning and management. Topics include city (town, village) master planning, infrastructure planning, new district and industrial layout, housing, historical and cultural city conservation, and scenic area planning, etc. The course will also be complemented with international best practices of urban development. Site visits and field investigation will be organized accordingly.

Dates: 11-15 May 2015

Location: Tengchong, Yunnan Province, PRC

The event is jointly organized by:

- East Asia Department, Asian Development Bank (ADB)
- Department of International Economic and Financial Cooperation, Ministry of Finance, the People's Republic of China (MOF)
- Department of Urban-Rural Planning, Ministry of Housing and Urban-Rural Development, the People's Republic of China (MOHURD)

Target Participants

- Senior government officials with urban-rural development and planning background.
- 3 sponsored-participants from each GMS country, i.e. Cambodia, Lao PDR, Myanmar, People's Republic of China, Thailand and Viet Nam.

Partners:

China Academy of Urban Planning and Design

Department of Housing and Urban-Rural Development, Yunnan Province

Bureau of Housing and Urban-Rural Development, Tengchong County, Yunnan Province

I. Day 1: 11 May 2015 (Monday)

Venue: Conference Room, 3rd Floor, Mre Jade Crown Jianguo Hotel

| Time | Activity/Topics | Content Outline | Speaker |
|--|---|--|--|
| 0900-0945 | <u>Opening Session:</u> <i>Moderator: Fei Yu, Head, Regional Knowledge Sharing Initiative, ADB</i> | <ul style="list-style-type: none"> ▪ Ying Qian, Director, East Asia Department, ADB ▪ Yongge Zhao, Director, MOHURD, PRC ▪ Li Hongna, Section Chief, MOF, PRC ▪ Sun Guomin, Deputy County Mayor, Tengchong County, Yunnan Province, PRC | |
| 0945-1030 | <i>Group Photo & Tea/Coffee Break</i> | | |
| Session 1: Urban-Rural Planning Framework | | | |
| 1030-1050 | <u>Overview of the Training Program:</u> <i>Moderator: Fei Yu</i> | <ul style="list-style-type: none"> ▪ Overview of program ▪ Brief introduction of the lectures | Douglas Webster, ZHANG Bing |
| 1050-1150 | <u>Lecture and Q&A:</u> China's Urban-Rural Development and Planning Working System <i>Moderator: Douglas Webster</i> | <ul style="list-style-type: none"> ▪ A review of the process of China's urban and rural development, highlighted by different stages. Emphasis will be given to the challenges facing the development of urban and rural areas and their countermeasures under the new urbanization policy background. It describes the basic structure of China's urban and rural planning system, its history, the main features of evolution, as well as how to respond to changing trends in urban and rural development. In addition, it introduced the constitution of the planning system with case studies. | ZHANG Bing |
| 1150-1330 | <i>Lunch</i> | | |
| 1330-1430 | <u>Lecture and Q&A:</u> Implementation of Urban Planning, Management Systems, and Regulations <i>Moderator: Douglas Webster</i> | <ul style="list-style-type: none"> ▪ Introduction to China urban and rural planning laws and regulations system; ▪ Definition, scope, objects, principles and methods of planning management systems ▪ Land use planning management and construction project planning management ▪ Supervision and inspection system and program for the implementation of urban planning. | DONG Ke |
| 1430-1500 | <i>Tea/Coffee Break</i> | | |
| 1500-1630 | <u>Group Discussion</u> | <ul style="list-style-type: none"> ▪ Summary and brief comments on urban-rural planning and framework ▪ Group discussion: self introduction, interests and relevant experience in own country. | Douglas Webster, DONG Ke, Alexandra Vogl |
| 1800 | <i>Welcome Dinner</i> | | |

II. Day 2: 12 May 2015 (Tuesday)

| Time | Activity/Topics | Content Outline | Speaker |
|---|---|---|---|
| Session 2: Comprehensive Planning and Architectural Design | | | |
| 0900-1000 | <u>Lecture and Q&A:</u> Urban (town and village) Master Plan <i>Moderator: Douglas Webster</i> | <ul style="list-style-type: none"> ▪ Master plan is the overarching mechanism of designing and implementing comprehensive set of policies and strategies regarding the future growth of cities, town and villages. This lecture will provide an overview and case studies of the master planning at the following levels: comprehensive city planning, town comprehensive planning and village planning. | ZHANG Juan |
| 1000-1015 | <i>Tea/Coffee Break</i> | | |
| 1015-1115 | <u>Lecture and Q&A:</u> Architecture Design in China: The Recent Four Decades <i>Moderator: Douglas Webster</i> | <ul style="list-style-type: none"> ▪ With the rapid socioeconomic development, the field of architectural design has experienced unprecedented prosperity and opportunities for development. The level of China's architectural design has increased quickly and design agencies have become quite diversified. Not only has it accommodated the high urban housing demands, there have been many excellent design works in urban infrastructure and public facility construction. From an architect's perspective, this presentation will explore the development, features, trends, and main contributing factors of China's architectural design, and summarize case studies applicable to other countries. | ZHANG Junying |
| 1115-1145 | <u>Group Discussion</u> | <ul style="list-style-type: none"> ▪ Comprehensive Planning and Architectural Design | Douglas Webster, Alexandra Vogl, ZHANG Juan |
| 1145-1300 | <i>Lunch</i> | | |
| 1300-1400 | <u>Lecture and Q&A:</u> Current Trends in International Planning <i>Moderator: Alexandra Vogl</i> | <ul style="list-style-type: none"> ▪ Planning practice is becoming increasingly globalized, with a core of "best practice" emerging, catalyzed by professional organizations and international development banks, although individual countries, including China, retain discernible individual planning styles within this framework. This widespread rapid diffusion of knowledge is generally positive, but the risk is that diversity in planning thought may be threatened. ▪ Professor Webster's presentation focuses critically on key themes that are increasingly at the forefront of urban planning worldwide, and reflected in the . Themes to be discussed will include: (i) Smart cities, (ii) New Urbanism, (iii) | Douglas Webster |

| Time | Activity/Topics | Content Outline | Speaker |
|-----------|---|---|-------------------------------|
| | | Transit-Oriented Development, (iv) Amenity based Development, (v) Urban Sustainability, encompassing conventional pollution, Green House Gas Emissions, and Alternative Energy, (vi) Heritage Planning, and (vii) New Forms of Land Use Guidance, particularly Form-Based Planning. | |
| 1400-1730 | <u>Site Visits:</u> <ul style="list-style-type: none"> ▪ Xishan New District ▪ Dongshan New District ▪ Tengchong Planning Area | <ul style="list-style-type: none"> ▪ Newly developed urban districts in the city of Tengchong to redirect urban growth and industrial development t ▪ Demonstration of the city's effort in building municipal infrastructure. | ZHAO Guochuang, CUN Shoucheng |
| 1800 | <i>Back to hotel and dinner</i> | | |

III. Day 3: 13 May 2015 (Wednesday)

| Time | Activity/Topics | Content Outline | Speaker |
|--|--|--|----------------|
| Session 3: Urban Development Approaches | | | |
| 0900-1000 | <u>Lecture and Q&A:</u> Smart and resilient urban development for green, inclusive and competitive cities <i>Moderator: Douglas Webster</i> | <ul style="list-style-type: none"> ▪ Asia is on the move, with economic growth attracting more than 120,000 new urbanites each day to its cities, urbanization is happening at an unprecedented scale and speed. By 2050 around 65% of the Region's population will live in urban areas. The quality and efficiency of Asian cities will determine the region's long-term productivity and overall stability. Maintaining vital economic growth, while creating livable cities for all, is the biggest challenge in the Asia-Pacific Region. ▪ The Region's success in attracting financing to urban areas for developing competitive, inclusive, and green cities will hold the key for continued and shared prosperity in the Region. The need to strengthen urban resilience, in particular, is likely to require knowledge, investment and collaboration among development partners. The lecture will discuss challenges and opportunities to build sustainable, resilient and livable cities and how the Asian Development Bank can support such. The concept of building urban climate change resilience, approaches towards smarter cities will be discussed. | Alexandra Vogl |
| 1000-1100 | <u>Lecture and Q&A:</u> A framework to facilitate compact spatial planning and transit-oriented development policies for climate change mitigation in the PRC | <ul style="list-style-type: none"> ▪ Compact spatial planning and TOD are policies to manage urban growth and shape urban densities (population and jobs) for delivering economic growth and social inclusiveness while mitigating climate change. They integrate spatial and transportation planning and concentrate densities along transit lines and around transit nodes. ▪ The presentation will address the following questions: | Serge Salat |

| Time | Activity/Topics | Content Outline | Speaker |
|-----------|---|--|--|
| | <i>Moderator: Douglas Webster</i> | (1) Which spatial development patterns best contribute to climate change mitigation and efficient resource use? (2) How to define and articulate densities (FAR, residents and jobs) and how to shape transit networks in order to achieve compact development through scales? (3) What impact of compact spatial planning and TOD on transportation energy? (4) What impact of compact development on economic growth? (5) How to address challenges of urban quality of life, housing affordability, and urban competitiveness? ▪ The presentation will introduce a comprehensive framework (the 3V Framework) to prioritize TOD investment with indicators addressing connectivity and accessibility, urban design and planning (street patterns, high quality urban fabric, mix use), and economic levers to create market value. | |
| 1100-1115 | <i>Tea/Coffee Break</i> | | |
| 1115-1145 | <u>Group Discussion</u> | ▪ Urban development approaches-green cities and/or disaster resilience. | Douglas Webster, Alexandra Vogl, Serge Salat |
| 1200-1300 | <i>Lunch</i> | | |
| 1300-1730 | <u>Site Visits:</u> <ul style="list-style-type: none"> ▪ Beihai Wetland ▪ Qushi Ecological Tourism District | ▪ Qushi Town, located in northern Tengchong with an area size of 1.7 square kilometers, is a unique area that demonstrates the city's effort in developing ecological tourism and a regional sub-center for the city. | ZHAO Guochuang |
| 1800 | <i>Back to hotel and dinner</i> | | |

IV. Day 4: 14 May 2015 (Thursday)

| Time | Activity/Topics | Content Outline | Speaker |
|-------------------------------------|--|---|-------------|
| Session 4: Sectoral Planning | | | |
| 0830-0930 | <u>Lecture and Q&A:</u> Civil Engineering Planning <i>Moderator: Douglas Webster</i> | ▪ The situation of water, electricity, gas and heat supply is the fundamental condition for the normal operation for the city. As the population and property in the city increase quickly, urban disaster prevention and environmental | HAO Tianwen |

| Time | Activity/Topics | Content Outline | Speaker |
|-----------|---|---|---|
| | | protection has exerted great influence on the function and quality of the city, as the result, these kinds of plan have become the important parts of the city plan in China. This lecture will include: traditional civil engineering plan, environmental protection plan, and comprehensive disaster prevention plan. | |
| 0930-1030 | <u>Lecture and Q&A:</u> Urban Housing Development Plan <i>Moderator: Douglas Webster</i> | <ul style="list-style-type: none"> ▪ We are facing new trends of urban housing development, including housing market shifts from rapid growth to stable development, housing demand tends to be more complex, need for affordable housing keeps growing, etc. The lecture will have three components: History of urban housing development in China; Purpose, content and current trends of housing development; and Housing issues in China's fast urbanization process. | JIAO Yixue |
| 1030-1045 | <i>Tea/Coffee Break</i> | | |
| 1045-1145 | <u>Lecture and Q&A:</u> Historical and Cultural Preservation Planning <i>Moderator: Douglas Webster</i> | <ul style="list-style-type: none"> ▪ Evolvement of planning and management system related to historic and cultural preservation ▪ Values, key-points, and effective methods that Chinese planners have identified in preservation planning ▪ Case studies | ZHANG Guanghan |
| 1145-1215 | <u>Group Discussion</u> | <ul style="list-style-type: none"> ▪ Sectoral Planning | Douglas Webster, Alexandra Vogl, JIAO Yixue |
| 1215-1315 | <i>Lunch</i> | | |
| 1315-1800 | <u>Site Visits:</u> <ul style="list-style-type: none"> ▪ Heshun Historic Town ▪ Rehai Scenic Area | <ul style="list-style-type: none"> ▪ The visit to Heshun Historic Town is for the purpose of studying historical preservation and cultural conservation and how they can be well incorporated with the area's modern need for growth and tourism development. ▪ The visit to Rehai Scenic Area is for the purpose of studying how characteristic natural elements are being incorporated in a multi-stage process in the planning and design of a national-level scenic area. | ZHAO Guochuang, LI Qingzhong |
| 1800 | <i>Back to hotel and dinner</i> | | |

V. Day 5: 15 May 2015 (Friday)

| Time | Activity/Topics | Content Outline | Speaker |
|--|-----------------|-----------------|---------|
| Session 5: Special Planning: Economic Zones and New Districts | | | |

| Time | Activity/Topics | Content Outline | Speaker |
|-------------|---|--|--|
| 0900-1000 | <u>Lecture and Q&A:</u> New Town, New District Planning, Developmental Zones (including Border Economic Cooperation Zone) Planning and Management <i>Moderator: Douglas Webster</i> | <ul style="list-style-type: none"> ▪ New town and new district planning has been an important and essential part of China's city building process. This lecture will aim to answer questions including: How and why did we build and are still building those new towns, districts and development areas? How do the central and local governments lead this process? What are the evolving stories in terms of planning and management? What will be the crucial aspects in the near future? Can they provide experience or lessons for the GMS member states? | LIANG Hao |
| 1000-1100 | <u>Lecture and Q&A:</u> Experience and Lessons of City Development in Shenzhen <i>Moderator: Douglas Webster</i> | <ul style="list-style-type: none"> ▪ The Shenzhen Special Economic Zone is a vanguard during China's reform and opening up. From a border town to one of China's most significant mega-city, Shenzhen's growth is a miracle in urban development history. The construction of Shenzhen SEZ is a demonstrative and revelatory case of China's city building experience. ▪ The Shenzhen branch of CAUPD has witnessed the SEZ's history and directly involved in a number of important urban planning projects. This presentation aims to discuss some of the gained lessons and experience of Shenzhen and inspire its future growth. | WANG Zejian |
| 1100-1115 | <i>Tea/Coffee Break</i> | | |
| 1115-1145 | <u>Lecture and Q&A:</u> Chinese Emerging Planning Practice <i>Moderator: Alexandra Vogl</i> | <ul style="list-style-type: none"> ▪ This presentation focuses on both key challenges facing Chinese cities in the context of rapid demographic and economic change, and emerging trends as China's city building moves from an emphasis on quantity (i.e., providing sufficient infrastructure and housing) to delivering more livable urban environments. ▪ Key drivers of change are examined such as the saturation rapid transit, high-speed rail, the transition to a service economy, and post-modernism. The role of changing consumer preferences is examined as well as the China's New Urbanization policy. | Douglas Webster |
| 1145-1200 | <u>Training Evaluation</u> | | Douglas Webster |
| 1200-1300 | <i>Lunch</i> | | |
| 1300-1400 | <u>Group Presentation</u> | <ul style="list-style-type: none"> ▪ Country representatives give 10 minutes presentation to discuss relevant experience and comments. | Douglas Webster, Alexandra Vogl, LIANG Hao |
| 1400-1600 | <u>Site Visits:</u> | <ul style="list-style-type: none"> ▪ Tengchong Economic Development District is one of Yunnan's provincial level | LI Xilin |

| Time | Activity/Topics | Content Outline | Speaker |
|------|---|---|---------|
| | Tengchong Economic Development District | economic development zones and Tengchong's first high-tech and industrial park. | |
| 1600 | <i>Back to hotel and dinner</i> | | |