

Ecoscape Eco-industry Eco-culture

The Fifth International Eco-city Conference

Shenzhen, China, August 19-23, 2002

First Announcement

Background

The world is experiencing rapid growth in urbanization and industrialization. The pace, depth, and magnitude of these changes, while bringing about benefits to local people, have exerted severe ecological stresses on both local human living conditions and regional life support ecosystem. Urban sustainability can only be assured with a human ecological understanding of the complex interactions among environmental, economic, political, and social/cultural factors and with careful planning and management grounded in ecological principles.

A campaign of eco-city development is currently being spread out in both industrial and developing countries. Eco-city is a living whole system, a natural and human-made unity having economically productive and ecologically efficient industry, systematically responsible and socially harmonious culture, and physically beautiful and functionally vivid landscape. In institutions of governance could be seen as an administrative unit of integral subsystems for land-use, architecture, water supply and purity, transportation, protection of nature, education and so on. The Eco-city-building enterprise is aimed at improving its structural coupling, metabolism process and functional sustainability through cultivating an ecologically vivid landscape (eco-scape), totally functioning production (eco-industry) and systematically responsible culture (eco-culture). It is a healthy human ecological process towards sustainable development within the carrying capacity of local ecosystem through changing production mode, consumption behavior and decision instruments based on ecological economics and system engineering. Institutional integration, scientific incubation, entrepreneurs_ investment and citizen_s incentives as provided by government are the key in ecocity development.

Initiated by the Eco-city Builders International, the Society for Human Ecology, the International Society for Eco-Engineering, co-sponsored by the Ecological Society of China, SCOPE/CAST, RCEES/CAS, Shenzhen government, the Chinese Association for Ecological Economics, the Chinese Association for Science and Technology, the Chinese Association for Urban Sciences, the Chinese Association for Sustainable Development, and the Chinese Society for Urban Planning, the Fifth International Eco-city Conference will be held on August 19-23, 2002 in Shenzhen, a newly emerged industrialized city and internationally recognized garden city adjacent to Hong Kong.

The first four ecocity conferences were held in Berkeley, California, USA, 1990; Adelaide, Australia, 1992; Dakar/Yoff, Senegal, 1996; and Curitiba, Brazil, 2000.

Objectives

This conference will

- ū promote information exchange about the methodological development of urban, industrial and human ecology among planners, designers, technicians, entrepreneurs, researchers, and policy makers;

- U communicate experiences and lessons of urban development between industrialized, emerging and developing countries and develop new instruments and technologies for planning, design and development of eco-industry, eco-engineering, eco-agriculture and eco-city;
- U search for ecologically sound and economically effective strategies and policies for ecocity development through technological incubation, institutional reform, education and behavioral incentives;
- U explore means of preserving and restoring natural environments and species diversity, climate stability and long-term availability of resources to human society.

Main themes:

- I Theories and methodologies in urban ecology, industrial ecology and human ecology
- I Technologies and instruments for eco-settlement, eco-industry and eco-landscape preservation and ecologically informed development
- I Institutional enhancement and citizen's participation for eco-culture and capacity building.
- I Experience in whole systems approaches to transforming cities as living organisms and living environments

Symposiums:

- I ***Symposium 1: Eco-city Planning and Management*** (*State of city-building in the context of our times, taking into consideration services to people and impacts on natural systems and resources for human infrastructure and life-ways*)
 - 1.1 Methodological advancement in human dominated urban ecology
 - 1.2 Eco-landscape and Peri-Urban Ecological Planning and management
 - 1.3 Eco-Settlement and Eco-Building planning, design and management
 - 1.4 Eco-integrative water management in urban transformation process
 - 1.5 Case studies of ecocity, ecotown, ecovillage development
- I ***Symposium 2: Industrial Ecology and Ecological Engineering***
 - 2.1 Methodologies and instruments of the emerged industrial ecology
 - 2.2 Eco-industry and Eco-Industrial Park incubation and demonstration
 - 2.3 Eco-engineering for urban wastes management and ecosystem vitalization
 - 2.4 Material metabolism and life cycle assessment, design and management
 - 2.5 Role of city structure and functioning in healthy local, national and global economies
- I ***Symposium 3: Human Ecology and Capacity Building for eco-culture***
 - 3.1 Methodological advancement in human ecology
 - 3.2 Institutional enhancement for urban sustainability
 - 3.3 Eco-modernization: preserving and restoring old traditions in new transitions
 - 3.4 Eco-education and public participation

Tentative Schedule

Aug. 19	08:00 - 22:00	Registration
	18:00 - 20:30	Opening session and Reception
Aug. 20	09:00 – 12:00	Plenary meeting (5 keynote speakers)
	14:00 – 18:00	Symposiums
Aug. 21	08:30 – 18:00	Symposiums
	19:30 - 21:30	Poster and video shows
Aug. 22	09:00 – 18:00	Field eco-excursion
	19:30 - 21:30	Poster and video shows
Aug. 23	08:30 – 09:30	Plenary meeting: Group summaries
	09:45 – 11:00	Plenary meeting: Panel discussion on ecocity development
	11:15 – 12:00	Close Session
	12: 00	Adjourn

Place

Shenzhen, Guangdong Province, a newly emerged industrialized city and internationally recognized garden city adjacent to Hong Kong with Shenzhen River as their border. International participants can fly to Hong Kong Airport and conveniently take train, bus or boat to Shenzhen.

Publications

- 1 All abstracts of presentations and posters will be collected in conference proceedings as well as in the internet
- 1 Some selected full papers will be published in special issues of some international or domestic journals
- 1 A book for ecocity development might be published after the conference upon the resource condition.

Deadlines

- Nov.30, 2001: First announcement
- Jan.31, 2001: Invitation of keynote speakers, session organizers
- Feb.28, 2001: Deadline for feedback form
- March.31, 2001: Deadline for submitting abstracts
- April. 30, 2002: Letter of paper acceptance and invitation of participants
- Mar. 15, 2002: Second announcement including detail program
- July.15, 2002: Deadline for pre-registration and hotel reservation
- July 31, 2002: Symposium proceeding publishing
- Aug.19-23, 2002: Conference

Post tours (detail information to be issued soon in the web)

1. Shenzhen city tours (one day)
2. Megacity tours of Guangzhou, Zhuhai, Macao and Hong Kong in Pearl River Delta, which is a newly emerged and rapidly urbanizing area with the average distance between cities/towns less than 10 km (3days).
3. Guining Natural landscape (3days)
4. Shanghai and neighbor cities Yangtze Delta (4 days)
5. Beijing city and surrounding areas (5 days)

(Subject to change according to the number of participants)

Registration fee

- 1** USD \$300/person (USD\$400/person sent after July 1, 2002) including conference fees, meals, local transportation and excursion arranged during the conference.
- 1** USD \$150/per student (USD \$250/per student sent after July 1, 2002) including conference fees, meals, local transportation and excursion arranged during the conference.

Hotel fee

- Various level hotels from five-star to economical will be provided with the price/per room/per night from USD\$40 per room up.
- Limited low price room available for students at USD\$15/per bed/per night (two-bed room with shower).

Conference Language: English

Instruments of presentation

Overhead projector, slide projector and computer multi-medium projector available upon required in advance.

Abstract

One page of paper size A4, English, Times New Roman, Font 10, single space, left edge 3cm, right, upper & bottom 2.5cm, MS-Word software, Title (in Font 15) with names, institutes and e-mail address. Submitted to the secretary no later than March. 31, 2002.

Fellowships

Participants from lower income developing countries are encouraged to apply support from international funding agencies and a limited amount of fellowship will be available upon application from these countries.

Efforts are being made to seek more financial assistance from domestic and international funding agencies and enterprises to set conference award for those excellent case study contributors, detail will be given in the second announcements.

Contact person

Prof. Dr. Rusong WANG, Chief organizer
Ms. Yajuan Shi, Ying Hu, secretary
Research Center for Eco-Environmental Sciences,
Chinese Academy of Sciences
18 Shuangqing Road, Beijing 100085, China
Tel: 86 - 10 – 62849103, 62849101
Fax: 86 - 10 – 62943807, 62943822
E-mail: wangrs@mailrcees.ac.cn or huying@mailrcees.ac.cn
<http://www.rcees.ac.cn>, <http://www.icsu-scope.org.cn>

Fifth International Eco-city Conference

Shenzhen, China, August 19-23, 2002

Feedback Form

(Please send back via e-mail to the secretary by Feb.28, 2002)

Surname: _____ First name: _____ Middle initial: _____

Title: Prof. _____ Dr. _____ Others _____ Students _____ Sex: _____ Male _____ Female _____

Nationality: _____ Birth place: _____ Passport No: _____

Company / Institution: _____

Detailed Mailing Address: _____

City: _____ Post code: _____ Country: _____

Tel: _____ Fax: _____ E-mail: _____

Accompanied by: _____ Passport No: _____

Registration fee: _____ sent by July 1, 2002 _____ sent after July 1, 2002 _____

Planned arrival date: _____ leave date: _____ Post tour: no ___ yes ___ tour # _____

Presentation intention: oral _____ post _____ title: _____

Symposium intended to organize / attend: _____

Suggestions: _____
