

**The Urban Environmental Sustainability Initiative**  
**Visit to China, November 7 – 13, 2005**

**Final Itinerary**

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***Sunday, November 6***

Most delegation members arrive in Beijing. No formal meetings are planned. Members are on own for meals.

**Shangri-La Hotel, Beijing**

香格里拉饭店

29 Zizhuyuan Road

紫竹院路29号

Beijing, 100089

Tel: 86-10 6841 2211 ext. 2933

Fax: 86-10 6843 2257

<http://www.shangri-la.com/beijing/shangri-la/en/index.aspx>

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***Monday, November 7***

Members of delegation will split up into small groups to meet with key organizations in Beijing.

6:30	Glen Daigger arrives in Beijing
10:00	Meeting for members of delegation (Shangri-La Hotel lobby)
12:00	Lunch (place/time to be determined)
13:00	<b>Meeting with Chinese Association of Mayors.</b> Room 606 China Architecture and Culture Center. Glen Daigger, Greg Symmes, Derek Vollmer, Gordon Feller, Debra Lam, Julia Walsh, Marcos Athanousoulis, and Florence Reinisch will meet with Mr. Wang Changyuan, Deputy Secretary General, Yang Jie, Deputy Director of International Department, and Mr. Li Zhuoyang, Project Manager. 中国建筑文化中心 北京市三里河13号 Contact: Li Zhuoyang: 68990367(O), 13501243078(M)
14:30	Professor Yue-man Yeung arrives in Beijing from Hong Kong
15:00	<b>Meeting with Chinese Ministry of Construction.</b> Room 209 of the Ministry of Construction, No. 9 San Li He Road, north of Gan Jia Kou apartment. Glen Daigger, Greg Symmes, Derek Vollmer, Debra Lam, Ashley Murray, Gordon Feller, and Professor Qian Yi meet with Mr. Qiu Baoxing, Deputy Minister of the Ministry of Construction, and Mr. Zhang Yue, Deputy Director of the Department of Urban Construction. 中华人民共和国建设部 三里河路9号 Contacts: Jiang Haiyang (8610) 58934771; Chen Xin 13391702750

17:55 Larry Papay arrives in Beijing

19:00 Meet in lobby of Shangri-La Hotel to meet Larry Papay and Yue-man Yeung and leave as a group for dinner with Tom Zearley

19:30 Dinner with Tom Zearley of the World Bank Urban Development Unit (place/time to be determined)

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***Tuesday, November 8***

9:00 **Meeting with China Development Bank.** 29 Fuxingmennei Rd.  
Gordon Feller, Derek Vollmer, Marcos Athanousoulis, and Florence Reinisch meet with Mr. Wang Dayong, Vice Chairman China Development Bank.  
国家开发银行  
西城区，复兴门内路29号  
Contact: Lu Bing, [lubing@cdb.com.cn](mailto:lubing@cdb.com.cn)

9:00 **Meeting with Chinese Academy of Sciences and Chinese Academy of Engineering.** CAS Headquarters, 52 San Li He Road. Larry Papay, Glen Daigger, Yue-man Yeung, Xuemei Bai, Gregory Symmes, meet with: Cao Jinghua, Associate Director General, CAS Bureau of International Cooperation, Cheng Jiayi, Deputy Director-General, CAE Department of International Cooperation Cao Jie, Deputy Director, CAS Bureau of International Cooperation  
Zhuang Xuliang, Vice Director, Division of Ecology and Environment Bureau of Science & Technology for Resource and Environment, Chinese Academy of Sciences.  
中国科学院  
三里河路52号  
Contacts: Ning Bolun (86-10) 68597215  
Cheng Jiayi (86-10) 68578538

13:30 **Meetings with Niu Wenyuan, Counselor to the State Counsel, and Li Lijian, Director of the China Urban Development Report.** (Shangri la Hotel)

15:00 Larry Papay, Glen Daigger, Xuemei Bai, and Derek Vollmer travel by car to TEDA

19:00 Dinner for TEDA delegation  
**Renaissance Tianjin TEDA Hotel and Convention Center**  
泰达万丽酒店  
29 Second Avenue  
TEDA, Tianjin 300457  
Phone: 86-22-66218888  
Fax: 86-22-66219999

20:10 Professor Yue-man Yeung, Gregory Symmes, Gordon Feller, Debra Lam, Marcos Athanasoulis, Florence Reinisch fly to Nanning to participate in Nanning International Conference on Sustainable Urban Development (China Southern Flight CZ3286 arrives Nanning 23:35)

**Guangxi Wharton International Hotel**

南宁沃顿国际大酒店  
88# Minzu Da Dao East  
民族大道东段88号  
Nanning, Guangxi, China  
Tel (86) (771) 211 1888  
Fax (86) (771) 211 1888

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*Wednesday, November 9*

**Nanning:**

Professor Yue-man Yeung, Gregory Symmes, Debra Lam, Marcos Athanasoulis, Florence Reinisch, and Gordon Feller will be in Nanning to participate in Nanning International Conference on Sustainable Urban Development

All day: Attend Nanning Conference (see conference program)

Evening: Gordon Feller flies to Beijing to meet with Harrison Fraker, Julia Walsh, and Ashley Murray to travel by car to Tianjin for possible meeting with Ms. Li, Director of the Tianjin Planning and Design Institute.

**Tianjin**

Larry Papay, Glen Daigger, Xuemei Bai, and Derek Vollmer will be in Tianjin Economic-Technology Development Area for meetings with leadership of TEDA

All day: **Meetings with Tianjin Economic-Technology Development Area (TEDA).**  
Larry Papay, Glen Daigger, Xuemei Bai, and Derek Vollmer meet with leaders of TEDA (separate itinerary provided)

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*Thursday, November 10*

**Nanning**

Professor Yue-man Yeung, Gregory Symmes, Debra Lam, Marcos Athanasoulis, and Florence Reinisch will be in Nanning to participate in Nanning International Conference on Sustainable Urban Development.

All day: Attend Nanning International Conference

Evening: Professor Yue-man Yeung, Gregory Symmes, and Debra Lam fly from Nanning to Beijing.

## **Tianjin**

Larry Papay, Glen Daigger, Xuemei Bai, Derek Vollmer, and Julia Walsh will be in Tianjin for meetings with leadership of Tianjin Municipal People's Government

All day:

### **Meetings with Tianjin Municipal Government:**

Yao Xue, Deputy Director, Tianjin Municipal Science and Technology Commission

Fan Yingzi, Chief of Division of International Cooperation, Tianjin Municipal Science

and Technology Commission

Wu Ting, Section Chief, Division of Science and Technology for Social

Development,

Tianjin Municipal Science and Technology Commission

Li Baozhu, Director, Technical Sciences and Standards, Tianjin Environmental Protection Bureau

Lei Shijun, Counselor to the State Council on Sustainable Development

Yuan Shuling, Director of Science and Technology Education, Tianjin Bureau of Public Health

All day:

Harrison Fraker, Gordon Feller, and Ashley Murray meet with Ms. Li, Director of the Tianjin Planning and Design Institute

13:00

Larry Papay, Glen Daigger, Xuemei Bai and Derek Vollmer depart Tianjin for Beijing by car.

19:00

Dinner in Beijing with Wang Rusong of the Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences

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## ***Friday, November 11***

3:00 pm

**Meeting with Ministry of Science and Technology.** Meet with Xu Jun, Director, Department of Rural and Social Development, Tian Baoguo, Director of Division of Natural Resources and Environment, Department of Rural and Social Development, and Li Xin and Xu Jie, Program Officers in the Department of International Cooperation. Joined by Professor Jining Chen, Head of Tsinghua University Department of Environmental Science and Engineering.

科学技术部

复兴路乙15号

Contacts: Professor Jining Chen

[jchen1@tsinghua.edu.cn](mailto:jchen1@tsinghua.edu.cn)

Tel: (86) 62772045

19:00

Dinner with Qian Yi, Member of Chinese Academy of Engineering, and Professor at Tsinghua University

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*Saturday, November 12*

10:00	<b>Meeting with State Environmental Protection Administration.</b> Larry Papay, Glen Daigger, Gregory Symmes, Yue-Man Yeung, Derek Vollmer, Harrison Fraker meet with Mr. Zhao Yingmin, Director of the Department of Science and Technology, Mr. Liu Shusheng, Deputy Director, and Ms. Wang Zelin, Vice Director. 香山饭店 海淀路2号 Contact: Liu Shusheng, (86 10) 66556208
14:00	Delegation members assemble at Hotel Shangri-La to compare notes on visits and to plan follow on activities.

*Sunday, November 13*

Most members of delegation leave Beijing.

## Participants:

## The National Academies:

Larry Papay (head of delegation), Consultant, Former Senior Vice President, SAIC  
Xuemei Bai, Senior Research Fellow, Institute for Global Environmental Strategies  
Glen Daigger, Senior Vice President and Chief Technology Officer, CH2M Hill, Inc  
Yue-Man Yeung, Professor of Geography and Director, Hong Kong Institute of Asia-Pacific  
Studies, and Head, Shaw College of the Chinese University of Hong Kong  
Qian Yi, Professor, Department of Environmental Science and Engineering, Tsinghua  
University  
Gregory Symmes, Deputy Executive Director, Division on Earth and Life Studies, The  
National Academies  
Derek Vollmer, Program Assistant, Science and Technology for Sustainability, The National  
Academies

## University of California, Berkeley:

Harrison Fraker, Dean, College of Environmental Design  
Debra Lam, Masters Candidate, Goldman School of Public Policy  
Ashley Murray, Graduate Student, Energy and Resources Group  
Julia Walsh, Adjunct Professor of International Health and Maternal and Child Health,  
School of Public Health

## **Healthy Communities Foundation:**

Marcos Athanasoulis, Chief Technology Officer  
Florence Reinisch, Program Director

## Urban Age Institute:

Gordon Feller, Chief Executive Officer

**NAS/NAE/ASSAf/SAAE JOINT PROJECT ON SUSTAINABLE SECONDARY CITIES**  
**31 OCTOBER – 4 NOVEMBER 2005**  
**PROGRAMME**

Date	Venue	Time	Activity	Speaker
Monday 31 October	Room 710, Engineering Building 1, University of Pretoria	13:00 13:30 14:00 15:30 15:45 16:30	Morning free for private appointments Frontline Africa departs from Sheraton Hotel Welcome and discussion on opportunities for collaboration: US Delegation -SAAE - ASSAf – University of Pretoria Presentation by Built Environment Unit, CSIR: General resources, research program and selection of cities rationale Tea and coffee Discussion on cities selected and program for site visits Frontline Africa departs for Sheraton Hotel from parking area behind Aula	Roelf Sandenberg Chrisna du Plessis
Tuesday 1 November	Room 710, Engineering Building 1, University of Pretoria	8:30 9:00 11:00 11:15	Frontline Africa departs from Sheraton Hotel Presentation on Project Consolidate of National Department of Provincial and Local Government Tea and coffee RSA Institutional Framework	C J Venter Theo Pretorius

		12:00	Light lunch	
		13:30	Presentation : Numbers and Needs	
		15:30	Frontline Africa departs for Sheraton Hotel from parking area behind Aula	Allyson Lawless
			Rest of afternoon free for private appointments	
Wednesday 2 November	Site visit to Rustenburg	8:00	Frontline Africa departs from Sheraton Hotel to Rustenburg (luggage to be taken along)	
		10:00	Meeting with Rustenburg city manager	
		11:00	Conducted tour of Rustenburg urban developments	
		13:00	Lunch	
		14:30	Frontline Africa departs from Rustenburg for Johannesburg International (JIA)	
		18:30	Depart from JIA for Cape Town flight SA 365 H	
		20:40	Arrive Cape Town and transfer to Vineyard Hotel by Hotel transport	
Thursday 3 November	John Martin Room, 6 <sup>th</sup> Floor, Menzies Building, Upper Campus,	8:30	Shuttle Service departs from Vineyard Hotel for UCT	Dave Dewar
		9:00	Welcome and Introduction	Barney Cohen
		9:15	Presentation by US Academies and SA delegation on their project and purpose of visit	
		9:45	Introduction to the Centre for Cities in Africa idea	Vanessa Watson

	UCT		<p>10:00 Presentation of work at UCT on the ecological footprint concept</p> <p>10:30 Tea</p> <p>10:45 Presentation by the Integrated Urban Water Management Group</p> <p>11:00 Presentation on Sustainable industrial and urban systems</p> <p>11:15 Other related regional initiatives</p> <p>12:00 Lunch – UCT Club (Sports Centre)</p> <p>14:00 Bus trip to Cape Flats and projects conducted by Dr.Sophie Oldfield and return to Vineyard Hotel by 17:00</p> <p>18:00 Meeting with Patrick Kulati of ICLEI at Vineyard Hotel</p>	<p>Barrie Gasson</p> <p>Neil Armitage</p> <p>Harro von Blottnitz</p> <p>Sue Parnell</p>
Friday 4 November	Vineyard Hotel		<p>Tentative meetings with Parliamentary Environment Portfolio Committee and Mr Andrew Boraine</p> <p>Wrap-up meeting in Hotel</p> <p>Lunch in Hotel</p> <p>Depart by Vineyard Transport for airport for flight SA 346 M departing at 15:10 for JIA and out</p>	

## LIST OF PARTICIPANTS

### NAS/NAE

- Barney Cohen, NAS staff
- Prof Richard Stren, University of Toronto
- Mayor Jeremy Harris, former Mayor of Honolulu
- Prof. Tyrone Hayes, Department of Integrative Biology, UC Berkeley
- Dr. Erin Conner, Department of Integrative Biology, UC Berkeley
- Dana-Lee Smirin, Special Assistant to the Dean, College of Natural Resources, UC Berkeley (SA native)

### SAAE

- Dr Bingle Kruger, President
- Allyson Lawless
- Bob Pullen (Chairman SAAE Committee on Sustainable Cities)
- Johann du Plessis
- Dr Rodney Milford
- Bob St Leger

### University of Pretoria (UP):

- Prof Roelf Sandenbergh, Dean, Faculty of Engineering, Built Environment and Information Technology
- Prof Mark Oranje, Head of Department of Urban and Regional Planning
- Prof Emile Horak, Department Civil and Bio-Systems Engineering
- Prof Christo Venter, Transportation and Traffic Engineering

### University of Cape Town

- Prof Dave Dewar, Assistant Dean, Faculty of Engineering and the Built Environment
- Vanessa Watson, Urban Research Centre

- Prof Romano del Mistro, Transportation Engineering
- Prof Heinz Rüther, Professor for Geomatics, School of Architecture, Planning and Geomatics.
- Prof. Anton Eberhard, Graduate School of Business.
- Sue Parnell
- Harro von Blottnitz
- Dr Sophie Oldfield, Senior lecturer in Environmental and Geographical Sciences

ICLEI (Johannesburg)

- Patrick Kulati

Built Environment Unit, CSIR

- Chrisna du Plessis
- Sharon Biermann
- Maria Coetzee
- Elsona van Huysteen

National Department of Provincial and Local Government

- C J Venter ( Seconded from Bigen Africa Consultants)

Plan Associates (Urban and Regional Planning Consultants)

- Theo Pretorius

National Treasury Dept

- Eileen Meyer

Univ. Stellenbosch

- Prof. Leon Lorenzen

ASSAf

- Prof Wieland Gevers

## **URBAN ENVIRONMENTAL SUSTAINABILITY IN SECONDARY CITIES**

**“Transportation Needs in Mexican Secondary Cities”**

**October 8, 2005**

**UNAM, Mexico City (Room to be determined)**

**9:00 - 11:00: SESSION 1**

- Welcome from the Academia de Ingenieria and UNAM (Simon Gonzalez)
- Welcome from the Academia Mexicana de Ciencias (TBA)
- Welcome from the U.S. National Academies (Ralph Gakenheimer)
- Introductions
- Brief introduction to the National Research Council (Will Logan)
- Sustainable Secondary Cities program (Ralph Gakenheimer and Ellen Brennan-Galvin)
  - Introduction
  - Why we have tentatively chosen to emphasize and transport (and water)
  - Explanation of the plans for a proposal that brings us to Mexico--Corona de Ciudades.
  - Prospects for kinds of future participation by the institutions represented at this meeting. (amount of funding hoped for, scope of effort, countries involved)
- Begin round-table discussion:
  - (1) What are the primary issues in sustainability that face your city and/or the cities that you are most familiar with?
  - (2) How is improved transportation related to the economic and social goals of your community? That is, which of these pressing needs can at least partially answered by better transportation (bus rapid transit or other means)?
  - (3) What financial, political, organizational, or technical barriers stand in the way of your attempts to meet these challenges?
  - (4) How might science, technology, and engineering contribute to overcoming some of those barriers?

**11:00 - 11:15:**      **Coffee break**

**11:15 - 1:00:** **SESSION 2**

Round-table, continued. End with written summary/list of key issues that have surfaced during sessions 1 and 2, to lay the groundwork for session 3.

**1:00 – 2:15:** **lunch**

**2:15 - 4:00:** **SESSION 3**

Synthesis of the issues raised in the morning, i.e., answering the above questions in aggregate. Discuss questions such as the following:

- What are the transportation contributions that suggest the greatest sustainability gains in these cities?
- Are there innovations complementing transportation (e.g., telecommuting) that may yield greater gains in sustainability?
- What new ideas have been generated at the "Seminario sobre Corredores Integrados de Transporte y Movilidad Urbana" that are worth following up on?
- Is BRT a significant part of a transportation "solution?"

**4:00 - 4:15:**      **Coffee break**

**4:15 - 5:45:** **SESSION 4**

Wrap-up session - ideas for the future.

- What types of projects would be helpful and possible with support from the grant we seek? That is, not just what should be done, but what should this particular initiative be involved in? What are the particular strengths of this group relative to the unfulfilled needs of these cities?
- Which cities should we investigate further for potential cooperative activities?
- What kind of time frame might be involved?

**5:45 - 7:00:** **Relax**

**7:00 - ?**      **Dinner**

For all interested and available participants.