

## Appendix A—DC Study Tour

March 29, 2004

**9:00–10:00 Introductions, and Study Tour Agenda, and Project Goals  
(Wilson Center, 6<sup>th</sup> Floor)**

**Jennifer Turner and Kenji Otsuka**

We will introduce the project's study and research goals and the three-day agenda.

**10:10–12:30 Overview of River Basin and Watershed Governance Institutions in the United States (6<sup>th</sup> Floor Board Room)**

**Jerome Delli Priscoli**, Senior Researcher, Army Corps of Engineers, Institute for Water Resources

**Carol R. Collier**, Commissioner, Delaware River Basin Commission

**Carlton Haywood**, Associate Director Water Quality, Interstate Commission on the Potomac River

This session will begin with Jerome giving the group an overview of the development of river basin institutions in the United States, and the other speakers will introduce two very successful commissions—the Delaware and the Potomac. Carol will focus on how her commission operates, how it engages the public, and methods of watershed planning and ecosystem protection. Carlton will discuss the Potomac Commission's role as a forum for the multi-stakeholders to resolve conflicts, and discuss how the Commission has been successful in its river management despite lacking the regulatory power of the DRBC.

**13:30–15:00 Roundtable on River Basin Governance in the Developing Country Context**

**Richard Volk**, USAID

**Blake Ratner**, World Fish Center

Study tour member Richard Volk will lead this session. He will begin by briefly discussing some broader river basin governance issues, particularly the need to create a new environmental stewardship ethic to improve basin management. Next, he will provide concrete examples of USAID projects that have successfully promoted river basin governance through increased stakeholder participation. Blake Ratner will talk about his work on institutions and governance of fisheries and wetlands in the lower reaches of the Mekong River. He will also address issues of civil society engagement in trans-boundary river basin governance.

**15:20–17:00 Chesapeake Bay**

**Michael Burke**, Associate Director, Chesapeake Bay Program, U.S. Environmental Protection Agency

**David Hawxhurst**, Photographer, Woodrow Wilson Center

David Hawxhurst will start off this session by showing us some of his photography of the Chesapeake Bay—he will include both beautiful and sobering images of this crucial watershed under strain. Michael Burke will introduce the Chesapeake Bay Program, which is a unique regional partnership that has led and directed the restoration of the Chesapeake Bay since 1983. The Chesapeake Bay Program partners include the states of Maryland, Pennsylvania and Virginia; the District of Columbia; the Chesapeake Bay Commission, a tri-state legislative body; the Environmental Protection Agency, representing the federal government; and participating citizen advisory groups. In addition to discussing the organization and activities of the partners, Michael

Burke will also touch on some of the funding strategies for this comprehensive watershed protection program.

### **March 30, 2004**

#### **9:00–13:00 Boat Trip with the Maryland Department of Natural Resources**

**Kevin Smith**, MD DNR

We will first visit the Horsehead Environmental Center and tour the Terrapin Center, as well as view some shore and wetland restoration sites. Then we will be taken on a boat tour of wildlife protection projects being implemented by the Maryland Department of Natural Resources, which is responsible for studies and projects to restore the plant and wildlife ecosystem around the Chesapeake Bay.

#### **14:45–17:00 NGO Activities in the Chesapeake Bay**

**Dale Murphy**, Chesapeake Bay Foundation

We will begin with a tour of the Merrill Center, which Chesapeake Bay Foundation built on a cradle-to-cradle philosophy. All materials are made of recycled materials or created through processes that don't damage the environment. When materials wear out, they are recyclable. The Merrill Center may be the world's "greenest" building. It is the first to receive the U.S. Green Building Council's Platinum rating for Leadership in Energy and Environmental Design (LEED, <[www.usgbc.org](http://www.usgbc.org)>) environmental building. After the short tour we will have a talk with representatives from the Chesapeake Bay Foundation on the role of NGOs in protecting the Chesapeake Bay.

### **March 31, 2004**

#### **9:00–11:30 Presentations by Study Tour members to Woodrow Wilson Center's China Environment Forum (5<sup>th</sup> Floor Conference Room)**

*Promoting Sustainable River Basin Governance in China and Japan* talks by:  
**Kaori Fujita, Wang Yahua, Yu Xiaogang, Reiko Nakamura.**

#### **12:00–13:45 LUNCH Roundtable on Watershed Management in NYC (4<sup>th</sup> Floor Conference Room)**

**Albert F. Appleton**, Senior Fellow, Regional Plan Association

#### **14:00–14:45 Internal Group meeting to discuss research paper teams and China study tour**

#### **15:00–16:00 Presentation and Discussion on Clean Water Act State Revolving Fund**

**Kit Farber**, State Revolving Fund, Office of Wastewater Management, U.S. Environmental Protection Agency

Kit Farber will discuss one of EPA's most successful clean water financing mechanisms that has helped states fund wastewater treatment plants.

## Appendix B—China Study Tour

June 14, 2004

8:45–10:00 paper topic discussion

10:15–12:00 Water Law Roundtable

**Mr. Zhang Yue** (Ministry of Water Resources, MWR) and

**Dr. Shen Ganqing** (Retired MWR)

The goal of this roundtable will be to learn about the new 2003 Water Law's impact on the rights and power of the major river basin commissions and issues of water rights. We will also have a speaker discussing some legal challenges in managing the Yellow River.

14:00–17:00 NGO and Journalist Roundtable

**Mr. Hu Kanping** (Editor, Green China Times) and **Mr. Shen Xiaohui** (vice editor-in-chief of GREEN CHINA, a semi-monthly journal and a well-known Chinese environmental writer) will talk about the role of the media to help protect river basins in China.

**Mr. Yu Xiaogang** (Founder and head of the Yunnan NGO Green Watershed) will talk about the role of Green Watershed activities with local people in Nujiang regarding the Manwan dam in Lancang River Basin.

**Dr. Lü Zhi** (head of Conservation International Office in Beijing) will talk about the role of NGOs in various dam issues in southwest China

**Mr. Deng Wen** (NGO GreenRiver) will talk about his NGO's research and conservation work in the headwaters of the Yangtze River.

June 15, 2004

9:00–12:00 Hai River Conservancy Commission

The HRCC is a water resource agency that focuses on management of water quantity within the Hai He basin. The basin does cross provincial jurisdictions, and in this regard is similar to the US commissions. They are, however, the river basin branch of the Ministry of Water Resources. Like commissions for all of the major river basins in China it is similar to the U.S. Bureau of Reclamation (BOR) and its regional offices (e.g., BOR manages water, build dams just like MWR and its commissions). In China, SEPA and the EPBs have jurisdiction over water quality issues. In our meeting with the Hai River Conservancy Commission we have asked them to set up a roundtable addressing some questions we submitted. Carol and Reiko will give the commission short presentations to help stimulate discussion.

14:00–17:00 The Tianjin Environmental Protection Bureau

## June 16, 2004

### 9:00–12:00 International Water Projects in China Roundtable

**Mr. Sven Ernedal, Mr. Richard Hardimanm, Mr. Wang Yaping, and Mr. Alan Edwards**—European Union

**Chen Kelin and Anna van Paddenburg**—Wetlands International

**Jane Jamieson**—DFID

**Peter Liu**—CERF (helping the U.S. Environmental Protection Agency implement a Hai River Project)

**Christoph Peisert**—GTZ

**Joanna Smith and Dr. Cao Wendao**—World Bank (working with DFID)

**Yu Xiubo**—China Council on International Cooperation for Environment and Development (CCICED) IRBM Task Force

**Mr. Naoki Mori**—Japan Bank for International Cooperation (JBIC)

**Mr. Satoshi Nakamura**—Japan International Cooperation Agency (JICA)

**Eva Sternfeld**—China Environment and Sustainable Development Reference and Research Centre

**Li Lifeng**—WWF-China (also involved in the CCICED IRBM Task Force)

### 14:30–16:30 Water Financing Roundtable

**Dr. Ma Zhong**—Beijing Environment and Development Institute and ADB consultant  
Dr. Ma has extensive experience in working on ADB water projects, so he will be able to answer many questions related to financing agricultural water issues.

## June 17, 2004

### 8:00– 9:30 Final discussion on papers and Japan study tour

### 10:30–12:00 World Bank Meeting with Liping Jiang, Senior Irrigation Specialist, World Bank Office Beijing

Mr. Jiang has been working on the World Bank's Tarim Basin 2 Project in Xinjiang, which has established one of the first good examples of "participatory" river basin management. And he has been working on the Hai River Basin Project, which is piloting many technical and institutional innovations that in total add up to a potential overhaul of basin management for the Hai River.

## Appendix C—Japan Study Tour

October 4, 2004

**9:30-11:00 Roundtable on “Experiences on Water Resource Management by JWA and Challenges toward the further collaboration with Asia” at Japan Water Agency, Saitama City**

**Mr. Hideshi Sasahara**, Deputy Director, Planning and Information Systems, Management and Planning Department, JWA

JWA is central government agency for water resource development in Japan and is also one of key institutes to organize Network of Asian River Basin Organizations (NARBO). During this session we will gain insights into Japanese experiences in water resource development and river management and challenges facing NARBO.

**13:15-17:30 Field trip to Tokyo Bay by boats guided by Mr. Takao Otsuka, Chief of Parks Division, the Local Office of Bureau of Port and Harbor, Tokyo Metropolitan Government**

We will learn how the Tokyo Metropolitan Government has developed estuaries and marine areas, as well as how over the past thirty years they have planned and created a “marine park” to renovate Tokyo Bay’s natural environment. We will have a short lecture at the local office of Bureau of Port and Harbor, Tokyo Metropolitan Government and take a boat to trip around the Tokyo Bay.

October 5, 2004

**8:00–14:30 Field trip to Lake Kasumigaura, Ibaragi prefecture, organized by Asaza Fund Guided by Mr. Hiroshi Iijima, Director General, Asaza Fund**

The Lake Kasumigaura is located in the center of a large river basin not far from Tokyo. Asaza Fund, a very active NGO, has been promoting multi-stakeholder participation for conservation of the lake. Asaza Fund will introduce their activities and the environment of the lake for us.

**15:30–18:00 Roundtable on “Rural Water Management in Japan and Asia” at Tsukuba University with Prof. Sato, Masayoshi, Institute of Agriculture and Forest Engineering**

October 6, 2004

**9:45–12:00 Roundtable on “A Challenge of Kanagawa Prefecture to Introduce Water Resource Taxation”**

**Mr. Hiroshi Hiramatsu**, Director of Tax Reform Office, Kanagawa Prefecture Government

We will learn how Kanagawa Prefecture Government is trying to introduce a new tax system for water resource protection from Mr. Hiroshi Hiramatsu, chief of the prefecture’s tax reform office. He will update us on the current status of the tax policy, which is currently being discussed by the Prefecture legislature.

**October 7, 2004**

International Workshop on  
**“Crafting Japan-U.S. Water Partnerships:  
Promoting Sustainable River Basin Governance in China”**  
Japan Foundation, Tokyo, Japan  
Thursday 7 October 2004

**9:00–10:30 Roundtable**

*“Experiences and Challenges of Lake Biwa- Yodo River Basin Governance”*  
Speaker: Dr. Masahisa NAKAMURA (Director of Lake Biwa Research Institute)

**10:45–10:50 Opening Remarks:**

Masahisa FUJITA, President, IDE-JETRO

**10:50–11:00 “Crafting Japan-U.S. Water Partnerships: Promoting Sustainable River Basin Governance in China”**

Mr. Kenji OTSUKA, Interdisciplinary Studies Center, IDE-JETRO

*<Session 1: Formal Institutions>*

**11:00–12:00 Presentation: (15 minutes for each)**

*“River Governance Structure in China: the Study on Water Quantity/Quality Management Regime”*  
Dr. WANG Yahua, Assistant Professor, School of Public Policy and Management, Tsinghua University, China

*“Allocation of Water Resources for Conservation of Waterfront Environment and Institutions of Water Use in Japan”*  
Professor Naoki KATAOKA, Tokyo Keizai University, Japan

*“Sustainable Water Resources Management: Use of River Basin Commissions to Promote Economic Development, While Protecting the Environment and Improving Community Quality”*  
Ms. Carol R. COLLIER, Executive Director of the Delaware River Basin Commission

*“China as Basin Country of International Rivers”*  
Professor Mikiyasu NAKAYAMA, Graduate School of Frontier Sciences, University of Tokyo, Japan

**12:00–12:20 Discussion**

## &lt;Session 2: Actors, Public Participation and Governance&gt;

**13:20–14:20 Presentation: (15 minutes for each)**

*“Bridge Over Troubled Waters: The Role of the News Media in Promoting Public Participation in River Basin Management in China”*

Mr. HU Kanping, Editor of China Green Times

*“Participatory Watershed Management in China: A Case of Green Watershed As Environmental NGO for Water”*

Mr. YU Xiaogang, Founder of Green Watershed, China

*“Fostering a Stewardship Approach to Water Resources Management”*

Mr. Richard VOLK, USAID Water Team

*“Essentials of Stakeholder Participation in the Wise Use of Wetlands: Good Practices of Two Lagoons in Japan and India”*

Ms. Reiko NAKAMURA, Secretary General of Ramsar Center Japan

**14:20–14:40 Discussion**

## &lt;Session 3: Economic Instruments and Incentives&gt;

**14:40–15:25 Presentation: (15 minutes for each)**

*“Irrigation and River Basin Management in Japan: Toward Sustainable Water Use”*

Ms. Nanae YAMADA, Interdisciplinary Studies Center, IDE-JETRO

*“Economies of Scale & Scope in River Basin Management”*

Dr. Gary WOLFF, Principal economist and engineer at the Pacific Institute, US

*“Evaluating Cost Sharing for Sustainable River Basin Management: Case Studies”*

Dr. Kaori FUJITA, Associate professor at Momoyama Gakuin University, Japan

**15:25–15:40 Discussion**

**16:55-16:05 Comment:** Dr. Masahisa NAKAMURA (Director of Lake Biwa Research Institute)

**16:05-16:15 Comment:** Dr. Naohiro KITANO (Assistant Professor of Kyoto University)

**16:15-17:15 Final Discussion**

**17:15-17:30 Conclusion and Closing Remarks:** Mr. Kenji Otsuka (IDE-JETRO)

**Participants**

Carol R. COLLIER, Executive Director, the Delaware River Basin Commission, US  
 Shigeaki FUJISAKI, Deputy Director of Interdisciplinary Studies Center, IDE-JETRO  
 Kaori FUJITA, Associate professor, Momoyama Gakuin University, Japan  
 Masahisa FUJITA, President, IDE-JETRO  
 HU Kanping, Editor, China Green Times  
 Naoki KATAOKA, Professor, Tokyo Keizai University, Japan  
 Naohiro KITANO, Assistant Professor, Kyoto University

Michikazu KOJIMA, IDE-JETRO  
Masahisa NAKAMURA, Director, Lake Biwa Research Institute  
Reiko NAKAMURA, Secretary General, Ramsar Center Japan  
Mikiyasu NAKAYAMA, Professor, University of Tokyo, Japan  
Kenji OTSUKA, IDE-JETRO  
Naoyuki SAKUMUTO, Deputy Director of Development Studies Department, IDE-JETRO  
Tadayoshi TERAOKA, IDE-JETRO  
Richard VOLK, USAID Water Team  
WANG Yahua, Assistant Professor, Tsinghua University, China  
Gary WOLFF, Principal economist and engineer, the Pacific Institute, US  
Nanae YAMADA, IDE-JETRO  
YU Xiaogang, Founder, Green Watershed, China

**October 8, 2004**

**10:00-12:00 Final Discussion on IDE Spot Survey and the final report for China Environment Forum, Woodrow Wilson Center (Conference room in IDE-JETRO, Chiba)**

### **The China Environment Forum**

For over seven years, the China Environment Forum has been active in creating programming, study tours, and publications to encourage dialogue among U.S., Chinese, and other Asian scholars, policy-makers, and nongovernmental organizations on environmental and energy challenges in China. The China Environment Forum regularly brings together experts with diverse backgrounds and affiliations—a core group that includes specialists from several key U.S. government agencies and from the fields of environmental protection, China studies, energy, U.S. foreign policy, economics, and rural development. Through monthly meetings and the annual *China Environment Series*, the China Environment Forum aims to identify the most important environmental and sustainable development issues in China and explore creative ideas and opportunities for governmental and nongovernmental cooperation. The Wilson Center's Asia Program periodically cosponsors meetings with the China Environment Forum. The China Environment Forum meetings, publications, and study tours over the past year have been supported by generous grants from the Japan Foundation's Center for Global Partnership, Carnegie Corporation of New York, Blue Moon Fund, and Shell China, Ltd. Jennifer L. Turner coordinates the China Environment Forum.

### **The Woodrow Wilson International Center for Scholars**

The Wilson Center, established by Congress in 1968 as a memorial to the nation's twenty-eighth president, fosters scholarship and intellectual exchange among scholars and practitioners. It sponsors an international fellows program, has an independent Board of Trustees (composed of ten citizens appointed by the President of the United States and nine government officials—including the Secretary of State), is non-partisan, and does not take positions on any public policy issues. The Honorable Lee H. Hamilton directs the Wilson Center and its Board of Directors is chaired by John B. Gildenhorn.

### **Institute of Developing Economies**

The Institute of Developing Economies (IDE) was founded in 1960 as a statutory organization under the jurisdiction of the Ministry of International Trade and Industry (it is now the Ministry of Economy, Trade and Industry), acting as a social science institute of basic and comprehensive research activities in the area of economics, politics and social issues in developing countries and regions. Since the merger with Japan External Trade Organization (JETRO) in July 1998, the institute aims to promote the expansion of trade relations and economic cooperation with all developing countries and regions, including Asia, Middle East, Africa, Latin America, Oceania, and East Europe. JETRO was reorganized into a Incorporated Administrative Agency, on October 1st.

China Environment Forum, The Woodrow Wilson Center  
One Woodrow Wilson Plaza • 1300 Pennsylvania Avenue, NW • Washington, DC 20004-3027 • USA  
Tel: 202-691-4233 • Fax: 202-691-4184  
E-mail: [cef@wwic.si.edu](mailto:cef@wwic.si.edu)  
URL: <http://www.wilsoncenter.org/cef>

Institute of Developing Economies, Japan External Trade Organization  
3-2-2 Wakaba • Mihama-ku • Chiba-shi, Chiba • 261-8545 • Japan  
Phone: 043-299-9536 • Fax: 043-299-9726  
Email: [info@ide.go.jp](mailto:info@ide.go.jp)  
URL: <http://www.ide.go.jp/>

IDE Spot Survey No.28

**Promoting Sustainable River Basin Governance**  
Crafting Japan-U.S. Water Partnerships in China

Edited by  
Jennifer L. Turner  
Kenji Otsuka

IDE-JETRO

ISBN 4-258-58024-4