INTERNATIONAL CONFERENCE ON
SUSTAINABILITY SCIENCE FOR WATERSHED LANDSCAPES
East-West Center, Imin Conference Center, Pacific Room, 2nd Floor
Honolulu, Hawaii, USA

Nov. 13, 2007

8:00 – 8:30  Registration, 2nd Floor, Imin Conference Center

8:30 – 8:40  Welcoming Remarks
            Nancy D. Lewis, Director for Research, East-West Center

8:40 – 8:50  Welcoming Remarks
            Gary Ostrander, Vice Chancellor for Research, University of Hawaii, Manoa

8:50 – 9:00  Introduction: The Promise and Challenge of Sustainability Science
            Arsenio M. Balisacan, Director, SEARCA

Theme 1:
Sustainability Science and Watershed Management: Where are We?
Chair: Kimberly Burnett, University of Puget Sound

9:00 – 9:30  Paper 1: Watershed Management, Sustainability Science, and Human Health
            Bruce Wilcox, University of Hawaii, Manoa

9:30 – 10:00 Paper 2: Cyberinfrastructure and Watershed Information Systems
            Kevin Montgomery, Stanford University
            Kenneth Kaneshiro, and Michael Kido, University of Hawaii, Manoa

10:00 – 10:10 Discussion

10:10 – 10:25 COFFEE BREAK

10:25 – 10:35 Discussion…cont’d.

            Sittidaj Pongkijvorasin, Chulalongkorn University and James Roumasset,
            University of Hawaii, Manoa

11:05 – 11:35 Paper 4: Changing Land Use, Thailand to China: Where the Rubber Meets the Road
            Maite Guardiola, University of Arizona
            Jefferson Fox, East-West Center
            Tom Giambelluca, University of Hawaii, Manoa

11:35 – 12:00 Discussion

12:00 – 13:00 LUNCH, garden level, Imin Conference Center

Theme 2:
Sustainability Science: Its Relevance to Watershed Management Policies
Chair: Jefferson Fox, East-West Center

13:00 – 13:30 Paper 5: A Participatory Approach to Community Resource Management: Building Upon Local Knowledge and Concerns
            Harold McArthur and J.B. Friday, University of Hawaii, Manoa
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13:30 – 14:00  **Paper 6: Addressing Uncertainties in Watershed Protection and Management through Planning and Research**  
Oahu Watershed Management Plans  
**Barry Usagawa, Honolulu Board of Water Supply**

14:00 – 14:20  Discussion

**Theme 3:**  Sustainability Science and Watershed Management Case Studies

**Session 1**

14:20 – 14:50  **Paper 7: Sustainable Water Quality Management for Pacific Island Watersheds: Illustrations from American Samoa, Hawaii, and Micronesia**  
**Carl Evensen, University of Hawaii, Manoa**

14:50 – 15:05  COFFEE BREAK

**Ali Fares, University of Hawaii, Manoa**

15:35 -16:05  **Paper 9: Sustainability and Hawaii Watershed Assessment, Restoration, and Protection**  
**Aly El-Kadi, University of Hawaii, Manoa**

16:05-16:25  Discussion

18:00  DINNER, San Souci Rm, Kaimana Beach Hotel

**Session 2**

8:00 – 8:30  **Paper 10: Crossing Disciplinary Boundaries to Expand Options for Landscape-scale Conservation: Theoretical and Real World Examples**  
**Rebecca Goldman and Gretchen Daily, Stanford University**

8:30 – 9:00  **Paper 11: Effects of Feral Pigs on Runoff and Water Quality in the Mānoa Watershed: Experimental Design and Preliminary Results**  
**Greg Bruland, Chad Browning, and Carl Evensen, University of Hawaii, Manoa**

9:00 – 9:30  **Paper 12: Ridge-to-Reef Assessment of Land-based Pollution Impacts on Coral Reefs in Hawai’i**  
**Jim Jacobi, USGS Pacific Island Ecosystems Research Center**

9:30 – 9:45  COFFEE BREAK
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9:45 – 10:05  Discussion

**Session 3**

10:05 – 10:35  **Paper 13: The Transboundary Management of Groundwater Resources in Kumamoto Area, Japan**  
Chair:  **Arnulfo Garcia**, SEARCA  
**Jun Shimada**, Kumamoto University

10:35 – 11:05  **Paper 14: Research Organization for Transdisciplinary Research: The Experiences from RIHN Watershed Projects**  
Chair:  **Chieko Umetsu**, Research Institute for Humanity and Nature

11:05 – 11:35  **Paper 15: Payments for Ecological Services: Experiences in Carbon and Water Payments in the Philippines**  
Chair:  **Rodel Lasco**, World Agroforestry Centre (ICRAF)

11:35 – 11:55  Discussion

11:55 - 12:05  PHOTO SESSION in Japanese Garden

12:05 –13:15  LUNCH, garden level, Imin Conference Center

**Session 4**

Chair:  **Nicomedes Briones**, University of the Philippines, LB  
**Daniel Murdiyarso**, Center for International Forestry Research (CIFOR)

13:45 – 14:15  **Paper 17: Sustainable Landscape and Water Management in Abandoned Copper Mine**  
**Kensuke Fukushi**, University of Tokyo

14:15 – 14:45  **Paper 18: Sustainable Community Watershed Forest Management through Empowering and Partnership with Local People: Experiences from EC/UNDP SGP-PTF in Viet Nam**  
**Nguyen Hai Nam**, Sustainable Development Cluster, UNDP SGP PTF, Vietnam

14:45 – 15:05  Discussion

15:05 – 15:20  COFFEE BREAK

15:20 – 15:40  Synthesis

15:40 -15:50  Closing Remarks

Chair:  **Kimberly Burnett**, University of Puget Sound  
**James Roumasset**, University of Hawaii, Manoa  
**Arsenio Balisacan**, SEARCA