



The 2nd Lusaka Workshop on Vulnerability and Resilience of Social-Ecological Systems

"Towards Resilience of Rural Households in Drought-Prone Areas"

Date and Time: 28 August 2009, 8:30-17:30

Venue: Mika Lodge, plot # 106, Corner 1st street & Central Street, Jesmodine, Lusaka

Organized by: Resilience Project, Research Institute for Humanity and Nature, Japan; and Zambia Agricultural Research Institute (ZARI)

Purpose of the Workshop

In the Semi-Arid Tropics (SAT) where people largely depend on vulnerable rainfed agricultural production systems, protecting human security of the people in the region is an acute issue. To enhance the human security of the region, it is essential to consider how to enhance the resilience and reduce vulnerability of the livelihoods. In order to examine the resilience of SAT, it is vitally important to consider resilience of social-ecological system as an integrated system. In the workshop, we consider resilience to environmental variability, such as drought and flood, and social changes. Secondly we consider resilience for protecting human security, i.e. survival, livelihoods and dignity. Finally we consider resilience of food supply and consumption, health status, agricultural production and livelihoods. The workshop aims at identifying the factors affecting resilience and the ways to enhance the resilience to environmental variability of rural people in drought-prone areas.



Workshop Program

Time	Program
8:30-9:00	Registration
9:00-9:30	<p>Opening speech: by Yukihiko Nakamura, Embassy of Japan in Zambia</p> <p>Welcome speech: by Watson Mwale, Director of ZARI</p> <p>Overview of the Resilience Project: by Chieko Umetsu, project leader “Resilience of rural households: The way forward for rural development”</p>
9:30-10:50	<p>Session I: Climatic variation and ecological resilience Session chair: Moses Mwale, ZARI</p> <ol style="list-style-type: none"> 1. S. Sokotela et al. <i>ZARI</i>, “Demonstration and evaluation of agro-forestry plants in soil fertility restoration for sustainable agriculture at Mwelwa village in chief Sandwe’s area of Eastern Zambia” 2. A. Yatagai, <i>RIHN</i>, “Precipitation analysis based on satellites and rain-gauge over Zambia” 3. M. Ndebele-Murisa, <i>Univ., of Zimbabwe</i>, “The fate of phytoplankton in a changing world and the link to fisheries livelihood” 4. H. Shinjo et al. <i>Kyoto Univ.</i>, “Land clearing impact on crop productivity and soil conditions in a Miombo woodland in Eastern Province, Zambia”
15-Minute Tea Break	
11:05 -12:25	<p>Session II: Food production, livelihood system and household resilience Session chair: Kazuo Hanzawa, Nihon University</p> <ol style="list-style-type: none"> 1. C. Chabatama, <i>Univ., of Zambia</i>, TBA 2. C. Ito, <i>Kyoto Univ.</i>, “Qualitative analysis of livelihood diversity in rural Zambia: Focusing on process and access” 3. T. Sakurai, <i>Hitotsubashi Univ.</i>, “What is resilience in the face of variable rainfall in rural Zambia?” 4. G. Kajoba, <i>Univ., of Zambia</i>, “The impact of droughts and floods and vulnerability of the food system in Zambia”
75-Minute Lunch Break	
13:40-15:20	<p>Session III: Poverty, nutrition and health situation Session chair: Gear Kajoba, UNZA</p> <ol style="list-style-type: none"> 1. M. Mate, <i>Met Dept., Livingston</i>, “Promotion of climate information for effective agriculture planning in drought prone districts of Kalomo and Kazungula in Southern Province of Zambia” 2. B. Siamwiza, <i>Univ., of Zambia</i>, “Surviving impact of drought in a semi-arid region: The case of the Gwembe valley” 3. T. Yamauchi, <i>Hokkaido Univ.</i>, “Growth and nutritional status of children and adults living in contrasting ecological zones in the Southern Province of Zambia” 4. T. Lekprichakul, <i>RIHN</i>, “Is child obesity a new face of under-nutrition in Zambia?” 5. C. Mulenga, <i>Univ., of Zambia</i>, “Food security in the context of climate change and variability”
15-Minute Tea Break	
15:35-17:15	<p>Session IV: Adaptation, vulnerability and resources Session chair: Shiro Kodamaya, Hitotsubashi University</p> <ol style="list-style-type: none"> 1. M. Yoshimura, <i>RESTEC</i>, “Concept of multi-dimensional data integration in Southern Province” 2. M. Yamashita & H. Miyazaki, <i>Survey College of Kinki</i>, “Land use/cover mapping for understanding the livelihoods at village level using multi-spatial and temporal data” 3. Y. Ishimoto, <i>RIHN</i>, “Social Network as Insurance in Tonga Community: a preliminary report” 4. M. Okamoto, <i>RIHN</i>, “Some problems of cattle grazing among the Gwembe Tonga along the Lake Kariba” 5. K. Matsumura, <i>Kyoto Univ.</i>, “Food security institution in Zambia: A case study of food aid in Sinazongwe District, 2005-2008”
15-Minute Break	
17:20-18:00	Discussion and conclusion