

**P R O G R A M**  
**RIHN-LAKEHEAD COMMUNITY FORUM 2013**

**Yaman ng Lawa: Adaptive Co-Management for Sustainable Use  
of the Wealth of Laguna Lake**  
November 7-8, 2013  
BP International Makiling, Los Baños, Laguna

<b>Day 1 – November 7</b>			
<b>OPENING PROGRAM</b>			
<i>Venue: Makiling Hall</i>			
<b>Moderator: MS. ADELINA SANTOS-BORJA</b>			
Division Chief III, Head, International Linkages and Research Development Unit, Laguna Lake Development Authority			
8:00-9:00 AM	Registration		
<b>OPENING PROGRAM</b>			
9:00-9:20 AM	<b>Welcome Address:</b> <i>Dr. Rex Victor O. Cruz</i> , Chancellor, UPLB, Philippines		
9:20-9:25 AM	<b>Introduction of Keynote Speaker 1</b>		
9:25-9:45 AM	<b>Keynote Address 1:</b> “Towards the Sustainable Resiliency and Adaptive Development of the Laguna Lake Basin” - <i>Hon. Secretary Juan Romeo Nereus O. Acosta</i> , Presidential Adviser for Environmental Protection and General Manager, Laguna Lake Development Authority(LLDA)		
9:45-9:50 AM	<b>Introduction of Keynote Speaker 2</b>		
9:50-10:10 AM	<b>Keynote Address 2:</b> “Future Earth in Asia” - <i>Dr. Tetsuzo Yasunari</i> , Director–General, Research Institute for Humanity and Nature (RIHN), Kyoto, Japan		
10:10-10:20 AM	<b>Break</b>		
<b>PLENARY PROGRAM</b>			
10:20-10:40 AM	<b>Plenary Paper 1:</b> <i>Dr. Ryohei Kada</i> Yaman ng Lawa: A Platform for Sustainable Management and Utilization of the Laguna Lake Resources		
10:40-11:00 AM	<b>Plenary Paper 2:</b> <i>Dr. Roberto F. Rañola, Jr.</i> Yaman ng Lawa Adaptive Co-Management of Laguna Lake Resources		
11:00-11:20 AM	<b>Plenary Paper 3:</b> <i>Dr. Jaime Z. Galvez-Tan, M.D., M.P.H.</i> Community Management of Health and Food Security Risks in Santa Rosa City, Laguna		
11:20-11:40 AM	<b>Plenary Paper 4:</b> <i>Dr. Rogelio N. Concepcion</i> <i>Community-Based Lake Sanctuary for Native Fish Restoration and Livelihood</i>		
11:40-12:00 AM	Open Forum		
12:00-12:15 PM	Picture Taking		
12:15-1:15 PM	Lunch		
<b>CONCURRENT SESSIONS</b>			
	<b>S-1: Adaptive Waste Co-Management Systems</b>	<b>S-2: Adaptive Co-management of Eco-Restoration for Better Lake Water Quality and Fishery resources</b>	<b>S-3: Community-Based Approach in the Management of Ecologically-related Diseases</b>
	Moderators: <i>Dr. Damasa M. Macandog</i> <i>Ms. Olga Lomboy</i>	Moderators: <i>Dr. Macrina T. Zafaralla</i> <i>Ms. Adelina Santos-Borja</i>	Moderators: <i>Noel R. Juban, MD</i> <i>Amiel Nazer C. Bermudez, MD</i>

	Rapporteur: <i>Ms. Maria Noriza Q. Herrera</i>	Rapporteur: <i>Ms. Roxanne Banalo</i>	Rapporteur: <i>Leah A. Palapar, MD</i>
	<b>Methodological Approaches</b>	<b>Issues, Challenges, Measures</b>	<b>Scientific Evidences of Food and Health Risks</b>
1:15-1:30 PM	Video Presentation	Video Presentation	Video Presentation
1:15-1:45 PM	Yaman ng Lawa on Adaptive Community Waste Management in Silang-Santa Rosa Sub-Watershed: Methodological Approach  <i>(Ms. Fe Rañola)</i>	Assessing Flood Disaster Resilience in Laguna Lake Region  <i>(Dr. Bam H.N. Razafindrabe)</i>	Health Risk Assessment of Environmental Lead Exposure among Children in Four Villages in Santa Rosa City, Laguna  <i>(Lynn Crisanta R. Panganiban, MD)</i>
1:45-2:00 PM	Agricultural and Agroforestry Systems and their Impacts on the Environment: The Case of Silang-Santa Rosa and Pila-Victoria Subwatersheds  <i>(Dr. Damasa M. Macandog)</i>	Enhancing Resiliency Through Community Participatory Flood Observation System (JICA/LLDA Project) Japanese flood monitoring experiences for the Philippines  <i>(Dr. Kiyoto Kurokawa)</i>	Carcinogenic Health Risk of Arsenic in Fish from Laguna De Bay, Philippines  <i>(Dr. Victorio B. Molina)</i>
2:00-2:15 PM	Linking with the community through effective Communication  <i>(Mr. Eisen Bernard Bernardo)</i>	Innovations in Community-Based Water Quality Monitoring in Lake Palakpakin, San Pablo City  <i>(Dr. Fabian M. Dayrit)</i>	Occurrence and Levels of Major Ions in Laguna Lake: Impacts on Drinking Water Production  <i>(Dr. Maria Pythias B. Espino)</i>
2:15-2:30 PM	Current Waste Management Initiatives in Silang, Cavite  <i>(Ms. Merlina B. Cabrera, MENRO)</i>	Heavy Metal Mapping of Water, Sediment and Kangkong for Laguna Lake Watershed, Philippines  <i>(Dr. Satoshi Saito)</i>	Environmental Degradation and Health Risk: Evidence from the Consumption of Fresh Water Fish from Laguna de Bay, the Philippines  <i>(Dr. Tadayoshi Masuda)</i>
2:30-2:45 PM	Current Waste Management Initiatives in Santa Rosa, Laguna  <i>(Engr. Maria Amor Salandanan, Supervising Environmental Management Specialist, Santa Rosa CENRO)</i>	Transboundary Analysis of Laguna Lake Resource Management in the Philippines: An Environmental Science Perspective  <i>(Mr. Nolan F. Monserate and Mr. Orson E. Sabuga)</i>	Livelihood and Food Security  <i>(Hon. Leonardo Factoriza – Caingin, Santa Rosa City)</i>
2:45-3:00 PM	<b>Break</b>		
	<b>LGU and Community Initiatives on Waste Management</b>	<b>Social Action Validation Research</b>	<b>Community Perspectives on Health and Food Risks</b>
3:00-3:15 PM	Yaman ng Lawa on Adaptive Community Waste Management in Silang-Santa Rosa Sub-Watershed: The Upstream, Bucal, Silang, Cavite  <i>(Brgy. Kgd. Valeriano Hernandez)</i>	Good Practices in Community-Based Biodiversity Management  <i>(Mr. Maricel A. Tapia and Ms. Clarissa Ruzol)</i>	Local Health System Response to Ecological Diseases – Best Practices and Challenges in Santa Rosa City, Laguna  <i>(Soledad Rosanna Cunanan, MD)</i>
3:15-3:30 PM	Yaman ng Lawa on Adaptive Community Waste Management in Silang-Santa Rosa Sub-Watershed: The Upstream, Pulong Bunga, Silang, Cavite  <i>(Mr. Bong Opeña)</i>	The BioPark Strategy as a Sustainable Way of Degraded Stream Restoration  <i>(Dr. Macrina T. Zafaralla)</i>	Flooding  <i>(Hon. Felipe Almarinez, Sinalhan, Santa Rosa City)</i>

3:30-3:45 PM	Yaman ng Lawa on Adaptive Community Waste Management in Silang-Santa Rosa Sub-Watershed: The Midstream, Tartaria, Silang, Cavite  (Mr. Ferdie Gomez)	Yaman ng Lawa Social Action Agenda: The “Yankaw Fish Garden Sanctuary”  (Dr. Rogelio N. Concepcion)	Mitigating Health Effects of Environmental Degradation through Comprehensive Disaster Preparedness and Response  (Mr. Antonio Lu – City Disaster Risk Reduction and Management Officer, Santa Rosa City, Laguna)
3:45-4:00 PM	Yaman ng Lawa on Adaptive Community Waste Management in Silang-Santa Rosa Sub-Watershed: The Upper Downstream, Sto. Tomas, Biñan, Laguna  (Ms. Teresita Dela Roca)	Programs and Projects for Mainstreaming the “Yaman ng Lawa” LakeHEAD Approaches and Findings  (Ms. Cynthia Buen - Calamba City Aquaculturist)	Solid waste and its Management  (Ms. Rosalia Flores, Midwife, Caingin, Santa Rosa City)
4:00-4:15 PM	Yaman ng Lawa on Adaptive Community Waste Management in Silang-Santa Rosa Sub-Watershed: The Lower Downstream, Gulod, Cabuyao, Laguna  (Brgy. Chairman Dominador Maniclang)	Social and Economic Impacts of Yankaw Fish Garden on Lakeshore Communities in Calamba City  (Romeo Tapalla – Calamba City FARMC)	Environmental Management Strategies and Performance Metrics: Preview of the Comprehensive Land Use Plan of Santa Rosa City, Laguna  (Mr. Danilo Pablo – CPDO, Santa Rosa City)
4:15-4:30 PM	Yaman ng Lawa on Adaptive Community Waste Management in Silang-Santa Rosa Sub-Watershed: The Lower Downstream, Aplaya, Santa Rosa, Laguna  (Ms. Tina Fabia)	Open Forum	Open Forum
4:30-5:30 PM	Workshop Discussion on the Major Issues and Recommended Resolutions	Workshop Discussion on the Major Issues and Recommended Resolutions	Workshop Discussion on the Major Issues and Recommended Resolutions
7:00-9:00 PM	<b>WELCOME DINNER</b>		
<b>Day 2 – November 8</b> <b>PLENARY SESSIONS</b> Venue: Makiling Hall  <b>Drawing Lessons: Experiences Across Countries</b>			
<b>INTERNATIONAL SESSION</b>			
8:00-8:30 AM	Dr. Bustanul Arifin, University of Lampung, Indonesia Global Environmental Change and Food Security in Asia		
8:30-9:00 AM	Dr. Hein Mallee, Research Institute for Humanity and Nature, Kyoto, Japan Transdisciplinary in EcoHealth Research		
9:00-9:30 AM	Mr. Alejandro Juarez Aguilar, Corazon de la Tierra-Institute of Environmental Development, Mexico Lake Basin Resources Management: Experiences in Lake Chapala, Mexico		
09:30-10:00 AM	Open Forum		
10:00-10:15 AM	<b>Break</b>		
<b>PLENARY SESSION</b>			
10:15-10:45 AM	Presentation of Output Results of Concurrent Sessions Session 1 – Dr. Josefina T. Dizon Session 2 – Dr. Macrina T. Zafaralla Session 3 – Dr. Leah A. Palapar		

## Role and Participation of Key Stakeholders in Laguna Lake Resources Management

**Moderator: DR. KATSUYA TANAKA**

Associate Professor, Shiga University, Japan

10:45-11:05 AM	<b>Industry Sector</b> – Ms. Mary Jean R. Paez, Laboratory Services Head, Lima Water Corporation Eco-Index Resource Recovery Event (ERRE): An Industrial Estates Initiative in Averting Global Warming)
11:05-11:25 AM	<b>Fisheries Sector</b> – Atty. Asis G. Perez, Director, Bureau of Fisheries and Aquatic Resources
11:25-11:45 AM	<b>NGO/Civil Society</b> – Ms. Lina Lutgarda Tanjuatco, President, Federation of River Basin Councils Foundation in the Laguna de Bay Region, Inc. Engagement of RBCs in the Conservation of Laguna de Bay's Resources
11:45-12:05 PM	Open forum
12:05-1:30 PM	<b>Lunch</b>

### Taking Stock and Moving Forward

**Moderator: DR. ROGELIO N. CONCEPCION**

Project Coordinator, LakeHEAD Project, University of the Philippines Los Baños

1:30-1:45 PM	<i>Dr. Cecilia Acuin</i> , Director, Food and Nutrition Research Institute Government Programs to Address Ecological Health Risks
1:45-2:00 PM	<i>Dr. Kiyoyuki Yaota</i> , Research Institute for Humanity and Nature, Kyoto, Japan Spatial Information for Laguna Lake Watershed Management
2:00-2:15 PM	<i>Dr. Katsuya Tanaka</i> , Shiga University, Japan Payment for Environmental Services as an Approach to Addressing Environmental Degradation
2:15-2:45 PM	Open Forum
2:45-3:00 PM	<b>Break</b>

**Moderator: DR. JAIME Z. GALVEZ-TAN**

Professor, Department of Family and Community Medicine, College of Medicine, University of the Philippines Manila and Team Leader, Public Health and Nutrition Component of the LakeHEAD Project

3:00-3:15 PM	<b>Summary of Day1 &amp; Day2</b> : <i>Dr. Jaime Z. Galvez-Tan</i>
3:15-4:15 PM	<b>Leaders' Dialogue:</b> <i>Dr. Tetsuzo Yasunari</i> (RIHN), <i>Sec. J.R. Nereus O. Acosta</i> (LLDA), <i>Dr. Ryohei Kada</i> (RIHN-YNU), <i>Mayor Arlene B. Arcillas</i> (Santa.Rosa), <i>Mayor Justin Marc Sb. Chipeco</i> (Calamba), <i>Mayor Emilia Lourdes F. Poblete</i> (Silang)
4:15-4:30 PM	<i>Dr. Ryohei Kada</i> , RIHN Presentation of Proposed Covenant Addressing Integrated Issues on Community Waste Management, Fish habitat restoration and Community Health Management
4:30-4:45 PM	Signing of Resolution (Covenant)
4:45-5:00 PM	<b>Closing Remarks:</b> <i>Mr. Soichi Mori</i> , National Institute of Science, Technology Policy, Ministry of Education, Culture and Sports, Science and Technology, Japan