

Name of the First Authors and Presentation Titles
INTERNATIONAL WORKSHOP ON HUMAN DIMENSION OF TROPICAL PEATLAND
UNDER GLOBAL ENVIRONMENTAL CHANGES

8-9 December 2004, Faculty of Agriculture Auditorium (Toyib Hadiwijaya), Bogor Agricultural Univ. (IPB),
 IPB Darmaga Campus, Bogor 16680, INDONESIA

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| No | First Author | Affiliation | Presentation Title* | Session |
|----|---------------------------------|--|---|------------------------|
| 1. | YAMADA, Isamu; SOEKIRMAN | Centre for Southeast Asian Studies, Kyoto University, Kyoto, JAPAN, yamada@cseas.kyoto-u.ac.jp Faculty of Agriculture Bogor Agric. University | Eco-human aspects of peat swamp forests in Southeast Asia. The Consequences of environment changes on health, nutrition, educability and productivity of people. | Keynote speaker |
| 2. | ABE Ken-ichi | The Japan Center for Area Studies, National Museum of Ethnology, 10-1 Senri Expo Park, Suita, Osaka 565-8511, Japan abek@idc.minpaku.ac.jp | Sustainable Local Community for Sustainable Forest Management Project Pengembangan Lahan Gambut and After in Central Kalimantan* | O - 1 |
| 3. | ARDIANOR, Imar | Limnological laboratory, UNPAR, Central Kalimantan, INDONESIA sulmin@palangkaraya.wasantara.net.id; sulmingumiri@yahoo.com; | Ambul: a Traditional Farming System on Open Water in Kalimantan* | O - 2 |

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| 4. | BASUKI, Sumawinata | Center for Wetland Studies, Department of Soil Science, Bogor Agricultural University, INDONESIA | Landuse Evolution of Peatland in Rawa Lakbok, West Java* | O - 3 |
| 5. | MULYANTO, Budi | Center for Wetland Studies, Dept of Soil Science Bogor Agricultural University, INDONESIA | Integrated Landuses of Wetland in Hulu Sungai Utara District, South Kalimantan* | O - 4 |
| 6. | DARMAWAN | Center for Wetland Studies, Dept. of Soil Science, Bogor Agricultural University, INDONESIA | A New Paradigm in Characterization in Tropical Peat* | O - 5 |
| 7. | GUMIRI, Sulmin | Limnological laboratory, University of Palangka Raya (UNPAR), Central Kalimantan, INDONESIA sulmin@palangkaraya.wasantara. net.id; sulmingumiri@yahoo.com | Life on Wetland in the Bangkau village, South Kalimantan* | O - 6 |
| 8. | HARAGUCHI, Akira | The University of Kitakyushu, Hibikino 1-1, Wakamatsu, Kitakyushu J-808 0135, JAPAN sphagnummire@hotmail.com | Effect of Agricultural Land Development of Peat Swamp on the Limnological Environment in Central Kalimantan, Indonesia* | O - 7 |
| 9. | HARTOTO, Dede Irving | Research Center for Limnology- LIPI, Bogor, INDONESIA dirvingh@yahoo.com | State of the art of inland fishery reserve management in Indonesia* | O - 8 |
| 10. | HASHIDOKO , Y | Graduate School of Agriculture, | Utilization of Epiphytic and | O - 9 |

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| | | Hokkaido University, Sapporo 060-8589, JAPAN yasu-h@abs.agr.hokudai.ac.jp | Endophytic Bacteria for Sustainable, Hydrophilous Agricultural Management of Wet, Abandoned Tropical Peat Land to Protect Peat Soil and Swampy Forest from Fire | |
| 11. | HATA , Hiroshi | Graduate School of Agriculture, Hokkaido University, Kita-9, Nishi- 9, Kita-Ku, Sapporo 060-8589, JAPAN | Sustaining Agropastoralism on the Central Kalimantan peatland : Goat Production – a case study of Kalampangan Livestock Experimental Station* | O - 10 |
| 12. | IWAKUMA, Toshio | Graduate School of Environmental Earth Science, Hokkaido University, Kita-10, Nishi-5, Kita-ku, Sapporo 060- 0810, JAPAN iwakuma@ees.hokudai.ac.jp | How are the lake ecosystems maintained in Central Kalimantan? - Implications from the long-term ecological research on oxbow and floodplain lakes* | O – 11 |
| 13. | KURAMOCHI Kanta | Graduate School of Agriculture, Hokkaido University, Sapporo 060-8590 JAPAN takaka@chem.agr.hokudai.ac.jp | Effect of Agriculture and Forest Fire on Water Quality in Tropical Peatland in Central Kalimantan, Indonesia* | 0 - 12 |
| 14. | KOESHARTO, C | Dept. of Community Nutrition and Family Resources, Bogor Agricultural University, INDONESIA kcl@indo.net.id | Introduction to Tree Planting Programme as a part of the whole activities namely KS-Beriman (Clean, Beautiful and Peaceful- Greeny Campus) at IPB Darmaga Campus | O – 13 |

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|-----|----------------------|---|--|--------|
| 15. | LIWAT, Yulintine | Limnological laboratory, University of Palangka Raya (UNPAR), Central Kalimantan, INDONESIA sulmin@palangkaraya.wasantara. net.id; sulmingumiri@yahoo.com; yulintine@yahoo.com | Threats to the Sustainability of Inland Water Fishery in Central Kalimantan* | O – 41 |
| 16. | MAHARANI, Rizki | Graduate School of Agriculture, Hokkaido University, N-9, W-9, Kita-ku, Sapporo 060-8589, JAPAN mtera@for.agr.hokudai.ac.jp; rizma_annisa@yahoo.com | The Evaluation of Sawmill Industry Waste as an Artificial Soil Matrix in East Kalimantan* | O – 15 |
| 17. | MAKI, Imai | Graduate School of Environmental Earth Science, Hokkaido University, Sapporo JAPAN makiimai@ees.hokudai.ac.j | Estimation of the Impact of a Large- Scale Development on Pond Ecosystems in Central Kalimantan* | O – 16 |
| 18. | MOMOSE, Kuniyasu | Faculty of Agriculture, Ehime University, JAPAN momose@agr.ehime-u.ac.jp | Use and Recognition of Plants by Malay Residents in Sumatran Peat Swamp Forests: Comparison Among Vegetation Types* | O – 17 |
| 19. | MURTIKSONO, Kukuh | Department of Soil Science, Faculty of Agriculture, Bogor Agricultural University, Darmaga Campus, Jl. Meranti, Bogor 16680, INDONESIA | Effect of Leaching on Water Quality of Acid Sulphate Soils* | O – 18 |

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| | | murtiaksono@faperta.ipb.ac.id; | | |
| 20. | NAKAMOTO, Nobutada | Department of Applied Biology, Shinshu University, Ueda, Nagano,386-8567, JAPAN nnakamt@giptc.shinshu-u.ac.jp | Ecological Purification System to Make Safe Drinking Water by Slow Sand Filtration System in Bangladesh* | O – 19 |
| 21. | NASOETION, S.H | | Conservation of endemic fish species (<i>Malanotaenia celebensis</i>) in Malili Lakes in South Celebes | O – 20 |
| 22. | OIKAWA, Yosei | Graduate School of Agriculture, Tokyo University of Agriculture and Technology, Fuchu, Tokyo 183-8509, JAPAN yosei@cc.tuat.ac.jp | Local Efforts of Human Resource Development for Sustainable Peatland Use: Agricultural College and Farmers' School Approaches in Indragiri Hilir, Riau Province, Indonesia* | O – 21 |
| 23. | PURNOMO, Erry | Center for Tropical Acid Soils Studies, Graduate Studies for Natural Resource Management, Lambung Mangkurat University, Gedung I, Banjarbaru, South Kalimantan 70714, INDONESIA | Yield variations of Extreme High Yield of Tropical Rice Grown Without Fertilizer on Acid Sulfate Soil in South Kalimantan* | O – 22 |
| 24. | SEGAH, Hendrik | Graduate School of Agriculture, Hokkaido University, Sapporo 060-8589 JAPAN segah@env.agr.hokudai.ac.jp | The Study on 1997 and 2002 El Nino Southern Oscillation (ENSO) Effect Over Tropical Peat Swamp Forest in Central Kalimantan, Indonesia by Satellite Data* | O – 23 |

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|-----|------------------------|---|--|--------|
| 25. | SHIMADA, Tomofumi | Laboratory of Ecology and Genetics, Graduate School of Environmental Earth Science, Hokkaido University, Kita-ku, Sapporo 060-0810, JAPAN mfm@ees.hokudai.ac.jp, | The sunda region, a precious world for mammalian fauna: phylogenetic reconstruction and evolutionary perspectives with help of rodent molecular networks | O – 24 |
| 26. | SIMBOLON, Herwint | Research Center for Biology-Indonesian Institute of Sciences, Jl. Juanda 18, Bogor 16122-INDONESIA herbolon@indo.net.id | Peat swamp forest rehabilitation after wildfires: learning from natural process of forest recovery* | O – 25 |
| 27. | SITEPU, Irnayuli R. | Graduate School of Agriculture, Hokkaido University, Kita-9, Nishi-9, Kita-Ku, Sapporo 060-8589, JAPAN yasu-h@abs.agr.hokudai.ac.jp | Proposed Approach for Peatland Rehabilitation Using Enriched Bacterial-Inoculated Seedling: Case Studies on Dipterocarps* | O – 26 |
| 28. | SULISTIYAN-TO, Y. | Centre for International Co-operation in Management of Tropical Peatland (CIMTROP), UNPAR, Palangka Raya, INDONESIA | Mineral Nutrient Content of Rainfall, Throughfall, and Stemflow in Two Sub-Types of Peat Swamp Forest in Central Kalimantan, Indonesia* | O - 27 |
| 29. | SUPRIYANTO | Faculty of Forestry, Bogor Agricultural University, INDONESIA | Community Development at the Surrounding IPB Gunung Walad Forestry Research Station, Sukabumi, West Java, Indonesia | O – 28 |

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| 30. | SUWARDI | Center for Wetland Studies, Dept of Soil Science, Bogor Agricultural University, INDONESIA | Podzolisation in Mal-Developed Coastal Peatland and Its Impact to Soil Management* | O – 29 |
| 31. | SUZUKI, Hitoshi | Laboratory of Ecology and Genetics, Graduate School of Environmental Earth Science, Hokkaido University, Kita-ku, Sapporo 060-0810, Japan htsuzuki@ees.hokudai.ac.jp | The Sunda region, a precious world for mammalian fauna: phylogenetic reconstruction and evolutionary perspectives with help of rodent molecular networks | O – 30 |
| 32. | TACHIBANA, Towa | Graduate School for International Cooperation Studies, Kobe University 2-1 Rokkodai, Nada-ku, Kobe 657-8501, JAPAN ttachi@kobe-u.ac.jp | Valuing Wetland Ecosystems: A Review* | O – 31 |
| 33. | TAKAHASHI, Hidenori | Hokkaido Institute of Hydro-climate, N14 W3, Kita-ku, Sapporo, 001-0014 JAPAN nana77@mtg.biglobe.ne.jp | The Importance of Ground Water Control for the Prevention of the Peat/Forest Fire in Tropical Peatland* | O – 32 |
| 34. | TAKAKAI, Fumiaki | Graduate School of Agriculture, Hokkaido University, Sapporo 060-8589 JAPAN takaka@chem.agr.hokudai.ac.jp | Effect of Forest Fire and Agriculture on CH ₄ and N ₂ O emission Form Tropical Peatlands, Central Kalimantan, Indonesia* | O – 33 |
| 35. | TAMAI, Yutaka | Laboratory of Forest Resource Biology, Graduate School of Agriculture, Hokkaido University, N-9, W-9, Kita-ku, Sapporo 060- | Mushroom Culture Property of Woods from Peat Swamp Forest* | O - 34 |

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| 36. | TERAZAWA, Minoru | Graduate School of Agriculture, Hokkaido University, N-9, W-9, Kita-ku, Sapporo 060-8589, JAPAN mtera@for.agr.hokudai.ac.jp | Efficiency of Sawdust for the Reduction in Formation and Evaporation of Ammonia* | O – 35 |
| 37. | WIDJAJA, Hermanu | Center for Wetland Studies, Department of Soil Science, Bogor Agricultural University, INDONESIA | Seasonal Characteristics Change of Water in The Main Canals of Rantau Rasau Transmigration Area, Berbak Delta, Jambi* | O – 36 |
| 38. | ADEN, Robertho | Centre for International Co- operation in Management of Tropical Peatland (CIMTROP), UNPAR, Palangka Raya, suwido@palangkaraya.wasantara.net.id | Sustaining Agropastoralism on the Central Kalimantan peatland : Production of Sasendok* | P – 1 |
| 39. | BUCHAR, Tariono | Limnological laboratory, UNPAR, Central Kalimantan, INDONESIA sulmin@palangkaraya.wasantara.net.id ; sulmingumiri@yahoo.com ; tariono_36447@yahoo.com | Toward the Domestication of Local Fishes in Central Kalimantan* | P – 2 |
| 40. | DARUNG Untung | Faculty Of Agriculture, University Of Palangka Raya, Central Kalimantan, INDONESIA takakai@chem.agr.hokudai.ac.jp , | Effect of Forest Fire and Agriculture on CO ₂ Emission from Tropical Peatlands, Central Kalimantan, Indonesia * | P – 3 |

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| | | unttdar@yahoo.com | | |
| 41. | DWINAWATI, Elisabeth | ema_rian@yahoo.com | Potency of Dayak traditional vegetables consumption in the point of view mineral content and Fe bioavailability in vitro | P – 4 |
| 42. | HAYASAKA, Hiroshi | Hokkaido University, N13 W8 Kita-ku, Sapporo, 060-8628 JAPAN. hhaya@eng.hokudai.ac.jp | Present State of Core City for Development - Preliminary Research in Palangkaraya, Kalimantan* | P – 5 |
| 43. | ISWANDI Anas | Laboratory of Soil Biology, Soil Department, Faculty of Agriculture, Bogor Agricultural University (IPB), Jl. Meranti, IPB Campus Darmaga, Bogor 16680, INDONESIA aiswandi@indo.net.id | Using Beneficial Soil Microbes in Rice Cultivation to Reduce Agrochemicals Pollution in Swampy Area of One Million Hectares Rice Project in Central Kalimantan* | P - 6 |
| 44. | JAYADI, Sudarsono | Bogor Agricultural University, INDONESIA sjayadi@indo.net.id | Sustaining Agropastoralism on the Central Kalimantan peatland : Forage Production - a case study of Kalampangan Livestock Experimental* | P – 7 |
| 45. | KOESHARTO, Clara | Dept. of Community Nutrition and Family Resources, Bogor Agricultural University, INDONESIA kcl@indo.net.id | Green, clean and healthy campus * | P – 8 |

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| 46. | MAHARANI, Rizki | Graduate School of Agriculture, Hokkaido University, N-9, W-9, Kita-ku, Sapporo 060-8589, JAPAN mtera@for.agr.hokudai.ac.jp; rizma_annisa@yahoo.com | Biomass Waste Management Activities In Indonesia; Trials in Bandung, Palangka Raya, and Samarinda* | P – 9 |
| 47. | MELHANAH | Departement of Agronomy, Faculty of Agriculture, University of Palangka Raya, Central Kalimantan, INDONESIA melhanah2001@yahoo.com | Pest Preference on Sweet Corn (Zea mays Saccharata Sturt) on Peat Which Have Been Given Organic Matter, Cattle Manure and Lime* | P – 10 |
| 48. | RUTHENA, Yuli | Limnological laboratory, UNPAR, Central Kalimantan, INDONESIA sulmin@palangkaraya.wasantara.net.id ; sulmingumiri@yahoo.com ; yuli_ruthena@plasa.com | Non Fishery Resources of Wetland Ecosystem in Central Kalimantan* | P – 11 |
| 49. | SEPTIANI , Tri | Limnological laboratory, UNPAR, Central Kalimantan, INDONESIA sulmin@palangkaraya.wasantara.net.id ; sulmingumiri@yahoo.com ; tribusu@yahoo.com | Traditional Methods of Freshwater Fish Preservation In Central Kalimantan* | P – 12 |
| 50. | SULISTIYAN-TO, Y. | Departement of Agronomy, Faculty of Agriculture, UNPAR, Central Kalimantan, INDONESIA sulistiyanto_y@yahoo.co.uk | Effect of Organic Matter, Cattle Manure and Lime on Growth and Nutrient Uptake of Sweet Corn (Zea mays Saccharata Sturt) on Peat Soil* | P – 13 |

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| 51. | SYAWAI, M. S | Research Center for Limnology, LIPI, Bogor, INDONESIA syawalms@yahoo.com | Environmental degradation due to Human activity changes in River Cikaniki, Bogor* | P – 14 |
| 52. | TANAKA, Shunitz | Graduate School of Environmental Earth Science, Hokkaido University, Kita-10, Nishi-5, Kita-ku, Sapporo 060- 0810, JAPAN shunitz@ees.hokudai.ac.jp | Chemical Properties of Humic Substances and the Possibility of Use for Environmental Remediation ; Reduction and Solubilization Properties* | P – 15 |
| 53. | TRISLIANA | Limnological laboratory, UNPAR, Central Kalimantan, INDONESIA sulmin@palangkaraya.wasantara.net.id ; sulmingumiri@yahoo.com ; yautris@yahoo.com | Freshwater Fish Market in Palangka Raya* | P – 16 |
| 54. | WELSIANA, Sepmiarna | Limnological laboratory, UNPAR, Central Kalimantan, INDONESIA sulmin@palangkaraya.wasantara.net.id ; sulmingumiri@yahoo.com ; danum_blue@yahoo.com | Fish Cuisine in Central Kalimantan* | P – 17 |
| 55. | WIDJAJA, Fifi | Department of Living Aquatic Resources Management, Faculty of fisheries and Marine Science, Bogor Agriculture University (IPB), Bogor, INDONESIA | Water Hyacinth and Water Pollution* | P – 18 |

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| 56. | WULANDARI, Linda | Limnological laboratory, UNPAR, Central Kalimantan, INDONESIA sulmin@palangkaraya.wasantara. net.id; sulmingumiri@yahoo.com, linda_160172@yahoo.com | The Lost of Local People Income from Beje During the Mega Rice Project in Central Kalimantan* | P - 19 |
| 57. | Yurenfri | Limnological laboratory, University of Palangka Raya (UNPAR), Central Kalimantan, INDONESIA sulmin@palangkaraya.wasantara. net.id; sulmingumiri@yahoo.com; | The Life of a Local Fisherman Family in the Takapan Lake of Central Kalimantan* | P – 20 |