JSPS Core University Program between the University of Philippines, Visayas, Philippines and Faculty of Fisheries, Kagoshima University, Japan "Seminar on the management of inshore environment and utilization of fisheries resources" November 16-18, 2007

Program
Friday, November 16, 2007

13:00 Opening address

T. Matsuoka (Dean, Faculty of Fisheries, Kagoshima University)
H. Yoshida (President of Kagoshima University)
G. Aguilar (Chancellor of UPV)

Research Presentation from the Collaborate Project
Team 1 (Aquatic environment and resources)
Chairman: T. Yamamoto, E. Seraspe

13:30 Ethnobotanicals Against Vibriosis: Tabernaemontana pandacaqui Poir Leaf Powder as a Potential Antivibriotic Treatment in Penaeid Shrimps

Florenda P. Española, Ida G. Pahila, Bernadeth F. Ticar, Marivic Bacaling, and Hiroto Maeda

13:45 Characterization of Bacillus Strain PU-T8 and Lactobacillus Strain ProD Isolated as Probiotics: Antagonistic Activity against Pathogens and Probiotic Properties

Yousuke Taoka, Taizo Sakata, Hiroto Maeda, Masayasu Hidaka, Crispino Saclauso

14:00 Transformation of microflora on material surface during the degradation of gaseous toluene

Suguru OKUNISHI, Yasutaka MORITA, C. A. SCLAUSO, Hiroto MAEDA, and Takashi HIGUCHI

14:15 Assessment of Microbial Adherent Carriers for Possible Application in Nitrogen Removal

Miyo NAKANO, Isawo SUGAHARA, Hiroyuki OKUMURA, Yasuhiro SHIMIZU, Hiroto MAEDA, and Crispino A. SCLAUSO

14:30 ABUNDANCE, SIZE COMPOSITION, SEX RATIO, SIZE AT SEXUAL MATURITY AND FECUNDITY OF RED FROG CRAB (Ranina ranina, Linneaus) POPULATION CAUGHT IN MALUSO, BASILAN PROVINCE

Oliver D. Tito and Jonalyn P. Alanano

14:45 FISHERIES AND IRRAWADDY DOLPHIN CONSERVATION IN MALAMPAYA INNER SOUND, PALAWAN, PHILIPPINES

Benjamin J. Gonzales, and Maria Victoria Matillano

15:00 Phylogenetic study of mudclams in the island of Guimaras, Philippines.

J. S. Geduspan, T. Yoshikawa, and T. Sakata

15:15 Coffee break
Team 2 (Capture fisheries and engineering)
Chairman: M. Ishizaki, R. Babaran
15:30 Hydrodynamic Drag Characteristics of an Anchored Bamboo Fish Aggregating Device (Payao) Based on Model Experiments
..................Ramon S. Cruz, Munechika Ishizaki and Ricardo Babaran
15:45 Sensitivity of Some Tropical Coral Reef Fishes to Crude Extracts of Derris elliptica (Roxb.) Benth...............Enrico P. Viloso
16:00 Reduction of goldfish olfaction when exposed to anionic detergent
..................H. Monteclaro, E. Ogino, K. Anraku, J. Koyama and S. Uno
16:15 Initial investigations of the micro-morphological differences of the cuttlebones of Sepia recurvirostra and S. pharaonis...............Michelle Buen-Tumilba
16:30 Sound Generated by a Payao and Its Comparison with Auditory Sensitivity of Pelagic Fish Japanese Horse Mackerel...............Ricardo Babaran, Kazuhiko Anraku, Munechika Ishizaki, Kenji Watanabe and Tatsuro Matsuoka
Team 4 (Aquaculture)
Chairman: A, Yamamoto, A. Serrano
16:45 Utilization of nucleic acids in the developing milkfish, Chanos chanos, larvae
..................Riza O. Aguilar\textsuperscript{1} and Atsushi Ohno\textsuperscript{2}
17:00 UTILIZATION OF SWAMP CABBAGE (Ipomea aquatica) AND WEET POTATAO (Ipomea batatas) LEAF MEALS AS REPLACEMENT FOR FISH MEAL ON GROWTH AND FLESH QUALITY OF NILE TILAPIA, Oreochromis niloticus
..................Erlinda S. Ganzon-Naret and Manabu Ishikawa
17:15 Zooperiphyton in Lab-lab Occurring in Brackishwater Ponds
..................Norma R. Fortes and Lily Ann G. Pinosa
17:30 The Commercially Important Seashells in Panay, Philippines
..................Liberato V. Laureta, Fernand Fagutao and Hiroshi Fushimi
17:45 Toshiak Itami
18:00 Hiroshi Fushimi
Saturday, November 17, 2007

Team 5 Post-harvest and food sciences

Chairman: J. Shindo, S. Leonor

9:00 Effects of Tasteless Smoke Treatment on the Quality of Chilled Yellowfin Tuna (*Thunnus albacares*) Leticia J. Ami and Jo Shindo

9:15 Rheological properties and omega-3 fatty acid contents in fish croaker *Pinnahia* sp. Surimi Panggat, E.B., and J. Shindo H. Ichikawa

9:30 Antioxidative Activities and Nutritional Components of Philippine Salt-Fermented Shrimp Paste and Its Variation During Prolonged Fermentation Ernestina M. Peralta, Hideo Hatate, Emi Shimoda, Shinji Wakamatsu, Tamami Yuki and Hisashi Murata

9:45 Post-harvest Processing, Poverty Among Fishers and Fishery Resource Management in Lagonoy Gulf (Philippines) Ninfa R. Pelea

10:00 Characteristics and antagonistic activity of Lactic acid bacteria isolated from “burong isda” Minerva SD. Olympia and Hiroshi Kajihara

10:15 Transcriptome Analyses of the Gill and Intestine of Carp (*Cyprinus carpio*) Miki Nakao, Yoko Kato-Unoki, Asuka Komiya, Tomonori Somamoto

10:30 Coffee break

Team 3 Fisheries social sciences

Chairman: M. Sano, E. Belleza

10:45 The Impact of Public-Private Partnerships on Tilapia Genetics Research and Development in the Philippines Ruben C. Sevilleja

11:00 THE CULTURAL DIMENSION OF BOATS AND BOAT BUILDING IN PANAY ISLAND, PHILIPPINES Henry F. Funtecha

11:15 AN EVALUATION OF THE IMPACT OF DECENTRALIZATION ON FISHERIES EXTENSION SERVICES IN SELECTED COASTAL MUNICIPALITIES IN PANAY ISLAND CARIDAD N JIMENEZ

11:30 Women At Work: Partners in Small-Scale Fishing Operations in Gigantes Sur Island, Central Philippines Melanie Padilla

11:45 The Value Chain for Philippine Tuna Commodity: Recent Developments and Future Directions Haruko Yamashita, Ph.D. Evelyn T. Belleza, Ph.D.

12:00 Lunch

13:15 Current Situation and Challenges of Tourism Development in Guimaras Island Takashi Torii


13:45 A Signing Ceremony for the Cooperation between Faculty of Marine Science and Fishery, Hasanuddin University and Faculty of Fisheries, Kagoshima University
Present Status of Oil Spill Crisis

14:00  Up-data of Oil Spill Crisisi••••••••••••••••G. Aguilar

14:15  Seagrass Meadows in southern Guimaras after the SOLAR 1 Oil Spill Disaster
      •••••••••M.F. J. Nieva

14:30  Potentially Toxic Hydrocarbon Species In Sediment and Some Biological Samples from
      Southern Guimaras••••••••Ida G. Pahila, Hilario S. Taberna,Jr. Jay O. Martizano,
      Leandro T. Gamarcha,Sharon de la Rama, Jiro Koyama, and Seichii Uno

14:45  Temporal and Horizontal Profiles of Total Solvent Extractable Materials (TSEM) in Sediments
      Affected by Oil Spill: Taklong Island and Piagao Island, Guimaras, The Philippines
      ••••••••••Hilario S. Taberna Jr., Ida G. Pahila, Jay O. Martizano, Leandro T. Gamarcha

15:00  Coffee break

15:15  Valuation of Opportunity Losses Due to Oil Spill in the Coastal Areas: A Comparative Study
      of Semirara and Guimaras Islands, Philippines••••••••Joy C. Lizada, Ph.D.

15:30  QUALITY AND SAFETY OF SEAFOODS EXPOSED TO PETROLEUM-RELATED
      COMPOUNDS AFTER THE GUIMARAS OIL SPILL
      ••••••••••Emilia S. Yap and Mae Ver Palencia

15:45  Solar 1 Oil Spill:Highlights of Rapid Assessments, Updates on Mangroves, and the
      Monitoring and Rehabilitation Program of the UPV Marine Biological Station, Taklong
      Island, Guimaras, Philippines••••••••Sadaba, Resurreccion Biton

16:00  to be announced

16:15  International Regime of Liability and Compensation for Oil Pollution Damage Caused by Oil
      Spills from Tankers••••••••Okemoto, Masafumi

16:30  Monitoring of oil spill impacts on coastal environment of Guimaras from September 2006 to
      March 2007
      •••••••••Jiro Koyama, Seiichi Uno, Emiko Kokushi, Shizuho Miki and Ida Pahila

16:45  Summary and Discussion on Oil Spill Crisis

17:00  Poster Presentation
Sunday, November 18, 2007

Summary Presentation for 10 Years Collaboration between the University of Philippines, Visayas, and
Faculty of Fisheries, Kagoshima University

9:00 The development of collaborative studies in Team 1 (Environment Group) during ten years
Tomoko Yamamoto, Ebonia Seraspe, Crispino Saclauso, Hiroto Maeda

9:30 Status of scientific exchange in capture fisheries under the JSPS-DOST CUP Program
Ricardo Babaran and Munechika Ishizaki

10:00 Coordinator's report of the Social Science Team's accomplishments on the Japanese side
Evelyn T. Belleza, Masaaki Sano

10:30 Research activities of Team-4 Augusto E. Serrano, Jr. and Atsushi Yamamoto

11:00 Research activities of Team-5 Leonor Santos, Jo Shindo

11:30 Summary and Discussion

12:00 Lunch

13:30 Core University Program between Pukyon University and Hokkaido University

14:00 Core University Program between Diponegoro University and Tokyo University of Marine
Science and Technology

14:30 Core University Program between Kasetsart University and Tokyo University of Marine
Science and Technology

15:00 Coffee break

15:15 Title Present Status of Aquaculture Activity in SEAFDEC (tentative)

15:45 to be announced

16:15 General Discussion and Future Collaboration
S. Koshio, T. Matsuoka, G. Aguilar, R. Fortes

17:15 Closing address R. Fortes and S. Koshio