

JSPS Core University Program between the University of Philippines, Visayas, Philippines and Faculty of Fisheries, Kagoshima University, Japan "Seminar on the mangement 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 Antibiotic 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. SACLAUSO, 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. SACLAUSO

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<sup>1</sup> and Atsushi Ohno<sup>2</sup>
- 17:00 UTILIZATION OF SWAMP CABBAGE (*Ipomea aquatica*) AND WEEET 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 チーム (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
- 13:30 Further Development of Coastal Resource Management in the Philippines: A Case Study on Decentralized and Participatory Organization in Banate Bay Area, Panay Island .....Yamao, M., Torii, T., Yamashita, H. , Belleza, E., A. Endo, A., and Kuga, M.
- 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. Nievaes
- 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 Bitoon
- 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 Pukyong 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