

Program

Monday, November 13th, 2006

Registration 12:30-14:00

NRIA tour for guests 13:00-14:00
Opening remarks (Yasuji Sakai, Japan Panel Chair) 14:00-14:10
Aim of the symposium (Kazumasa Ikuta) 14:10-14:15
Keynote presentation (Moderators: Kunihiko Fukusho & Conrad Mahnken)
. 14:15-15:00

An Overview of the US/Japan UJNR Aquaculture Panel: Past, Present and Future
James P. McVey

Break 15:00-15:20

Session I. Aquaculture technologies harmonized with coastal ecosystems to realize sustainable production (Moderators: Cheng-Sheg Lee & Takao Yoshimatsu)

1. Recent Progress in Closed Recirculation Seed Production System for Environmental Preservation in Japan 15:20-15:45
Yoshihisa Yamamoto
2. Utilization of Waste *Porphyra* Products as Eco-friendly Feed Ingredients . 15:45-16:10
Tsuyoshi Sugita
3. The Relationship between Growth of Cultured Red Sea Bream (*Pagrus major*) and Method of Farming 16:10-16:45
Takashi Uede
4. Manila Clam and Pacific Oyster Culture in Isahaya Bay- For the Sustainable Production in Stressful Environment- 16:35-17:00
Junya Higano

Tuesday, November 14th, 2006

Registration 8:30- 9:30

Keynote presentation (Moderators: Charles E. Helsley & Satoru Toda)
Recent Attempt towards Environmental Restoration of Enclosed Coastal Seas:
Ago Bay Restoration Project Based on the New Concept of *Sato-Umi*
. 9:30-10:15
Osamu Matsuda

Break 10:15-10:35

Session II. Environmental conservation and mitigation technologies for sustainable use of aquaculture grounds (Moderators: Thomas A. Flagg & Hisashi Yokoyama)

1. The Role of Aquaculture in Integrated Coastal Management 10:35-11:00
Charles E. Helsley
2. New Technology for Developing Biologically Productive Shallow Area in Ago Bay
. 11:00-11:25
Hideki Kokubu

3. Stable Isotope Analyses of the Trophic Structure of Macrobenthos on an Artificial Tidal Flat Developed Using Sediments Dredged from Pearl-oyster Farms in Ago Bay	11:25-11:50
Yuka Ishihi	
Announcements	11:50-12:00
Lunch	12:00-13:00
 Session III. Conservation of biodiversities and ecosystems for sustainable use of aquatic resources (Moderators: William Fairgrieve & Hiroyuki Sudo)	
1. Introduced Species and Aquaculture	13:00-13:25
Cheng-Sheng Lee	
2. Countermeasures against Alien Fish (Largemouth Bass and Bluegill) in Lake Biwa	13:25-13:50
Atsuhiko Ide	
3. Conservation Aquaculture Approaches for Hatchery Reform	13:50-14:15
Thomas A. Flagg	
4. Environmental Standards for Marine Aquaculture in the United States; Minimizing Negative Interactions of Escaped Farm Fish and Natural Populations	14:15-14:40
Conrad Mahnken	
Break	14:40-15:00
 Session IV. Sociological and economic measures for sustainable development and use of coastal resources (Moderators: Kazumasa Ikuta & James J. Sullivan)	
1. Accounting for Economic Risk and Uncertainty in Offshore Aquaculture: A Case Study of Korean Rock Bream Production	15:00-15:25
Douglas Lipton	
2. Economic Evaluation of Various Roles and Functions of Propagation and Aquaculture	15:25-15:50
Yasuji Tamaki	
3. Risk and Risk Management for Feed and Seed for Carnivorous Marine Fish Aquaculture	15:50-16:15
Michael B. Rust	
4. Ecological Risk Assessment of Marine Fish Aquaculture in the Coastal Zone	16:15-16:40
William Fairgrieve	
5. The Measures for Sustainable Marine Aquaculture in Japan	16:40-17:05
Ikuo Takeda	
General discussion (Moderators: Panel members)	17:05-17:30
Closing remarks (Robert Iwamoto, U.S.A. Panel Chair)	17:30-17:40