

## Workshop on “Development of a Regional Research Program on Grouper Virus Transmission and Vaccine Development” under APEC FWG 02/2000

*NACA Headquarters, Bangkok, Thailand  
18-20 October 2000*

<b>Programme</b>	
15 October 2000, (Sunday)	Arrival of Participants
16-17 October, 2000 (Monday-Tuesday)	Preparation of economy reviews by survey participants
17 October, 2000 (Tuesday)	Arrival of Workshop Participants
<b>18 October, 2000 (Wednesday)</b>	
0830-0930	<b>Registration and Opening Ceremony</b>  Welcome speeches and opening remarks from: <b>AAHRI:</b> <i>Dr. Somkiat Kanchanakhan</i> , Project Overseer <b>FHS-AFS:</b> <i>Dr. Supranee Chinabut</i> , Project Team Leader, Chairperson, FHS-AFS, Director of AAHRI <b>Department of Fisheries:</b> <i>Dr. Maitree Duangsawasdi</i> , Deputy Director General <b>NACA:</b> <i>Mr. Hassanai Kongkeo</i> , NACA Coordinator
0930-1000	<b>Background, Objectives, Expected Outcomes and Workshop Mechanics</b> - <i>Dr. Melba B. Reantaso</i> , FHS-AFS Secretary/Treasurer (NACA)
1000-1030	Coffee Break
	<b>Session Ia: Presentation of Grouper Disease Impact Survey</b>
1030-1050	<b>Indonesia</b> ( <i>Ms. Erna Dewi</i> , Provincial Fisheries Service, Medan, Indonesia)
1050-1110	<b>Korea RO</b> ( <i>Dr. Myoung Ae Park</i> , National Fisheries Development Research Institute, South Sea Fisheries Research Institute )
1110-1130	<b>Malaysia</b> ( <i>Mr. Chuah Toh Tye</i> , National Fish Health Research Center, Fisheries Research Institute, Penang, Malaysia)
1130-1150	<b>Philippines</b> ( <i>Dr. Sonia S. Somga</i> , Philippine Bureau of Fisheries and Aquatic Resources, Department of Agriculture)

1150-1210	<b>Thailand</b> ( <i>Mr. Somporn Rounkamneardvong</i> , National Institute for Coastal Aquaculture)
1210-1230	<b>Vietnam</b> ( <i>Dr. Nguyen Huu Dung</i> , Na Thrang University of Fisheries and <i>Mrs. Phan Thi Van</i> , Research Institute for Aquaculture No. 1)
1230-1330	Lunch
	<b>Session Ib: Country Presentations</b>
1330-1350	<b>Australia</b> ( <i>Dr. John Humphrey</i> , Department of Primary Industry and Fisheries, Darwin, Northern Territory )
1350-1410	Brunei Darussalam ( <b><i>Mrs. Hajah Laila Haji Hamid</i></b> , Department of Fisheries, Ministry of Industry and Primary Resources )
1410-1430	<b>China PR</b> ( <i>Mr. Zhang Haifa</i> , Guangdong Fishery Service Center, Guanzhou, China PR )
1430-1450	<b>Chinese Taipei</b> ( <i>Dr. Shau-Chi Chi</i> , Department of Zoology, National Taiwan University)
1450-1520	Coffee Break
1520-1540	<b>Hong Kong China</b> ( <i>Dr. Roger Chong</i> , Agriculture, Fisheries and Conservation Department)
1540-1600	<b>Singapore</b> ( <i>Dr. Chang Siow Foong</i> , Agri-Food and Veterinary Authority (AVA) of Singapore)
1600-1630	<b>Regional Synthesis of Grouper Health Impact Survey</b> ( <i>Dr. Supranee Chinabut</i> , FHS/AFS and AAHRI)
1630-1730	Discussion
<b>19 October 2000 (Thursday)</b>	Session II: Technical Presentations
0830-0900	<b>Parasites and Bacterial Diseases of Marine Finfishes</b> ( <i>Dr. Leong Tak Seng</i> , Private Consultant, Malaysia)
0900-0930	<b>Recent Development on Rapid Identification of Viral Diseases of Grouper</b> ( <i>Dr. Toshihiro Nakai</i> , Hiroshima University, Japan)
0930-1000	<b>Viral Nervous Necrosis in Larvae/Juveniles of Grouper</b> ( <i>Dr. Kei Yuasa</i> , Japan International Cooperation Agency (JICA))

1000-1015	Coffee Break
1015-1045	<b>Antigenic Structure and Transmission Cycles of Nodaviruses and Iridoviruses Infecting Fish</b> ( <i>Dr. Peter Walker</i> , Commonwealth Scientific Industrial Research Organization, Australia)
1045-1115	<b>Immunological Methods to Disease Control</b> ( <i>Dr. Somsak Vinitnantharat</i> , ALPHARMA, USA)
1115-1145	<b>Vaccine Development and Potential for Disease Control</b> ( <i>Mr. Stuart Millar</i> , Institute of Aquaculture, Stirling University)
1145-1215	Import Risk Analysis in Minimising Trans-boundary Movement of Infectious Disease Agents ( <i>Dr. Ian Peebles</i> , Australian Quarantine Inspection Service (AQIS))
1215-1230	<b>Update on APEC FWG “Development of a Grouper Health Manual”</b> ( <i>Dr. Erlinda Lacierda</i> , Southeast Asian Fisheries Development Center-Aquaculture Department (SEAFDEC-AQD))
1230-1330	Lunch Break
1330-1730	Session III: Workshop Discussions
	<p>Group I: Research Needs on:</p> <ul style="list-style-type: none"> <li>• Development of suitable cell lines for grouper viral isolation</li> <li>• Development of techniques for grouper viral identification and diagnosis</li> <li>• Development of protocols for grouper viral disease induction and investigation on modes of transmission</li> <li>• Prevention and control of viral and other diseases affecting grouper</li> </ul>

	Group II: Strategies to minimize risks of pathogen transfer through responsible movement of live aquatic animals (IRA, diagnostics, disease reporting, emergency responses, resource centers, etc.)
<b>20 October 2000 (Friday)</b>	
0830-0930	Group 1 Presentation and discussion
0930-1030	Group II Presentation and discussion
1030-1100	Coffee Break
1100-1230	Group III (plenary session): Funding options, responsibilities of different cooperating agencies, linkages with other on-going projects, framework of the regional programme
1230-1330	Lunch Break
1330-1500	Continue Group III discussion
1500-1530	Coffee Break
1530-1630	Summary of Recommendations
1800-	<p>Closing Ceremony</p> <p><b>APEC:</b> <i>Mr. Glenn Hurry</i>, Assistant Director, Agriculture, Fisheries and Forestry of Australia (AFFA)</p> <p><b>Department of Fisheries:</b> <i>Dr. Kamonporn Tonguthai</i>, Senior Adviser, Department of Fisheries of Thailand</p> <p><b>FHS/AFS and AAHRI:</b> <i>Dr. Supranee Chinabut</i>, Director of Aquatic Animal Health Research Institute and Chairperson, Fish Health Section-Asian Fisheries Society</p> <p>Farewell Dinner</p>
<b>21 October 2000 (Saturday)</b>	Departure of Participants