



PROGRAMME OF THE INTERNATIONAL WORKSHOP

COASTAL MARINE BIODIVERSITY AND BIORESOURCES OF VIETNAM AND ADJACENT AREAS TO THE SOUTH CHINA SEA

under the aegis of the APN (Asia-Pacific Network for Global Change Research), Research Institute for Aquaculture No. 3 and the A.V. Zhirmunsky Institute of Marine Biology, Russian Academy of Sciences

November 24–25, 2011

Venue:

**Research Institute for Aquaculture No. 3,
33 Dang Tat, Nha Trang, Khanh Hoa Province, Vietnam**



November 24 (Venue – Conference Hall of the RIA3)

9:00 – 9:30 Registration

9:30 – 10:00 Opening of the workshop

9:30 – 9:40 Welcome speech by **Dr. Dao Van Tri**, Director of RIA3

9:40 – 9:50 Opening speech by **Dr. Thai Ngoc Chien**, Co-Chair of the Organizing Committee (RIA3)

9:50 – 10:00 Welcome speech by **Dr. Konstantin A. Lutaenko**, Co-Chair of the Organizing Committee (APN & IMB)

10:00 – 10:15 Group photo

SESSION 1

10:15 – 10:30

Thai Ngoc Chien, Nguyen Huu Khanh (*Research Institute for Aquaculture No. 3, Vietnam*)

Species composition, density and distribution of two classes Asteroidea and Echinoidea in coral reefs in Van Phong Bay, Khanh Hoa Province, Vietnam

10:30 – 10:45

Nguyen Anh Dung, Hoang Vinh Phu (*Department of Biology, Vinh University, Vietnam*)

The composition of plant species in Song Ngu Island, Cua Lo Town, Nghe An Province, Vietnam

10:45 – 11:15 Coffee break

11:15 – 11:30

Nguyen Thi Khanh Dung, Tan Koh Siang (*Tropical Marine Science Institute, National University of Singapore, Singapore*)

Biology of the Caribbean bivalve *Mytilopsis sallei* (Dreissenidae) In Southeast Asia

11:30 – 11:45

Binh Thuy Dang, Quyen Ha Dang Vu (*Institute for Biotechnology and Environment, Nha Trang University, Vietnam; Faculty of Aquaculture, Nha Trang University, Vietnam*)

Molecular phylogenetic relationship of Vietnamese groupers (*Epinephelus* and *Plectropomus*) based on sequences of 16S mtDNA

11:45 – 12:00

Alla V. Silina (*A.V. Zhirmunsky Institute of Marine Biology, Far East Branch, Russian Academy of Sciences, Russia*)

The Indo-Pacific Pen shell *Atrina vexillum* in south-eastern Siam Bay (South China Sea)

12:00 – 13:30 Lunch

SESSION 2

13:30 – 13:45

Dam Duc Tien (*Institute of Marine Environment and Resources, Vietnam*)

The study on the change of species composition and distribution of marine algae from Cat Ba and Ha Long Bay

13:45 – 14:00

Konstantin A. Lutaenko (*A.V. Zhirmunsky Institute of Marine Biology, Far East Branch of the Russian Academy of Sciences, Russia*)

Status of the knowledge of the Indo-Pacific Anadarinae (Mollusca: Bivalvia)

14:00 – 14:15

Nguyen Van Chung, Ton That Chat (*Institute of Oceanography, VAST; Hue College of Agriculture and Forestry, Vietnam*)

Introduction of Calappidae Dana, 1852 in Thuan An, Phu Vang District, Thua Thien Hue Province

14:15 – 14:30

Alexei V. Chernyshev (*A.V. Zhirmunsky Institute of Marine Biology, Far East Branch, Russian Academy of Sciences, Russia*)

Nemertean worms (Nemertea) of the Vietnamese coastal waters

14:30 – 15:00 Coffee break

15:00 – 15:15

Hyun-Sung Yang (*East Sea Branch of Korea Ocean Research & Development Institute (KORDI), Republic of Korea*)

Annual variation of *Perkinsus olseni* infection and reproductive effort in Manila clam, *Ruditapes philippinarum*, in Hwangdo off the west coast of Korea

15:15 – 15:30

Anna V. Rasshepkina, Larisa A. Prozorova (*Institute of Biology and Soil Science, Far Eastern Branch, Russian Academy of Sciences, Russia*)

Patterns of pallial gonoduct structure of mud snails in the genus *Batillaria* (Caenogastropoda, Cerithioidea, Batillariidae)

15:30 – 15:45

Le Xuan Sinh (*Institute of Marine Environment and Resources, Vietnam*)

Study on growth's rule of hard clam (*Meretrix lyrata*) in Bach Dang's estuary, Vietnam

15:45 – 16:30 Discussion

November 25 (Venue – Conference Hall of the RIA3)

SESSION 3

9:00 – 9:15

Nguyen Thi Anh Thu (*Department of Biotechnology, Institute of Biotechnology and Environment, University of Nha Trang, Vietnam*).

Production and characterization of monoclonal antibodies against white spot syndrome virus and host shrimp proteins

9:15 – 9:30

Natalia V. Zhukova (*A.V. Zhirmunsky Institute of Marine Biology, Far East Branch, Russian Academy of Sciences, Russia*)

Molecular diversity of fatty acids in marine Opisthobranchia

9:30 – 9:45

T.H. Lai, T.Y. Nguyen, K. Thumanu, V.T. Hoang, H.H. Le, T.T.H. Nguyen (*Institute of Biotechnology, Vietnam Academy of Science and Technology, Vietnam; Synchrotron Light Research Institute, Thailand; Institute of Oceanography, Vietnam Academy of Science and Technology, Vietnam*)

Characterization of biosurfactant producing bacteria *Pseudomonas* sp. Hp55, *Acinetobacter haemolyticus* Qn15 and *Rhodococcus ruber* Td2 isolated from Vietnam coastal zones

9:45 – 10:00

Le Thi Bich Thao, Bui Thi Huyen, Bui Quang Nghi, Doan Viet Binh, Nguyen Bich Nh, Phan Van Chi (*Institute of Biotechnology; Institute of Oceanography VAST, Vietnam*)

Study on the conopeptides from cone snails collected from Nha Trang, Vietnam

10:00 – 10:15

Le Thi Anh Tuyet, Nguyen Thi Giang An, Dang Diem Hong, Sabine Mundt (*University of Hong Duc; University of Vinh, Vietnam; Institute of Biotechnology, Vietnam Academy of Science and Technology, Vietnam*)

Debromoaplysiatoxin, a cytotoxic metabolite from the marine cyanobacterium *Lyngbya majuscula* from Vietnam

10:15 – 10:45 Coffee break

10:45 – 11:00

T.Yu. Magarlamov, A.V. Chernyshev, J.M. Turbeville (*A.V. Zhirmunsky Institute of Marine Biology, Far East Branch, Russian Academy of Sciences, Russia; Virginia Commonwealth University, USA*)

Morphology of the proboscis of some nemerteans from Vietnamese and Russian coastal waters

11:00 – 11:15

Le Xuan Sinh, Do Minh Chung, Le Tan Thoi (*College of Aquaculture and Fisheries, Cantho University; Department of Agriculture and Rural Development, Travinh Province, Vietnam*)

Management of wild hard clam (*Meretrix lyrata*) resources in the southern coast of Vietnam

11:15 – 11:30

Larisa A. Prozorova, Tatiana Ya. Sitnikova, Ivan A. Kashin, Alexander Yu. Zvyagintsev (*Institute of Biology and Soil Science, Far Eastern Branch, Russian Academy of Sciences; Limnological Institute, Siberian Branch, Russian Academy of Sciences; A.V. Zhirmunsky Institute of Marine Biology, Far Eastern Branch, Russian Academy of Sciences, Russia*)

Review of the morphology and distribution of microgastropods of the genus *Diffalaba* (Caenogastropoda: Cerithioidea: Litiopidae)

11:30 – 11:45

Nguyen Anh, Nguyen Duy Huy, Nguyen Hung Thanh, Nguyen Thi Bich Nga, Do Van Thu, Le Thanh Hoa (*Institute of Biotechnology, Vietnam*)

Taxonomic identification and phylogenetic relationships of the groupers (*Epinephelus* spp.) collected along the coastal zone of Vietnam

11:45 – 12:00

Anna V. Rasshepkina, Larisa A. Prozorova (*Institute of Biology and Soil Science, Far Eastern Branch, Russian Academy of Sciences, Russia*)

Pallial gonoduct histology of two species of medically important genus *Parafossarulus* (Caenogastropoda, Risssooidea, Bythiniidae) from Vietnam and the southern Russian Far East

12:00 – 12:15

Le Thi Thu Huong, Phan Ngoc Hoa, Nguyen Hoang Dung, Phan Dinh Tuan, Ngo Kim Chi (Lac Hong University, Hochiminh City University of Technology, Institute of Natural Products Chemistry, VAST, Vietnam)

Characteristics and application capability of the *Pangasius hypophthalmus* skin collagen

12:15 – 12:30

Yu.Ya. Latypov (to be presented by **K. Lutaenko** on behalf of **Dr. Yu.Ya. Latypov**) (*A.V. Zhirmunsky Institute of Marine Biology, Far East Branch, Russian Academy of Sciences, Vladivostok 690059, Russia*)

Spratly Archipelago as a potential recovery reserve of biodiversity of coastal and island reefs of Vietnam

12:30 – 12:45 Concluding remarks

19:00 – 21:00 Farewell party (to be announced)

POSTERS

(to be displayed throughout the workshop; there will be no special poster session)

Truong Van Dan, Ho Thi Thu Hoai, Ngo Thi Huong Giang, Vo Dieu

Studies in Hai Van – Son Cha benthos regional fauna serves the building Son Cha – Hai Van marine protection areas

Kieu Thi Huyen, Ha Thi Hue, Nguyen Quang Linh

Anguilla marmorata in Quang Binh's estuaries and resrvation techniques

Ho Thi Thu Hoai, Ngo Thi Huong Giang, Tran Dinh Minh, Vo Dieu

Species composition (Sargassaceae) of butter zone of Hai Van - Son Cha marine protected areas