

Preface

The 37th Joint Meeting of the UJNR Aquaculture Panel was conducted from October 27th – November 1st at Yokohama (Kanagawa), Tsuchiura, Kamisu (Ibaraki) and Choshi (Chiba). Through the long history of UJNR, Aquaculture Panel has contributed to development of aquaculture researches of both countries by means of various cooperative activities, i.e. the exchange of scientists, the exchange of literatures and promotion of joint research projects, and has given the achievements to aquaculture industry. And, we have been editing “A History of the US/Japan Natural Resource Aquaculture Committee” as the forty years document for taking over the fruits. The present special issue of Bulletin of Fisheries Research Agency is the proceedings of the 37th UJNR Aquaculture Panel Symposium “Aquafeed and Its Future Aspect” that is held in accordance with the 7th UJNR three-year plan. We had a new effort at this symposium. As replacing the past activity of the exchange of literatures, annotated bibliography of key works, which focused on the topic of the symposium, was listed at each abstract of the presentations. The bibliography helps everyone who is interested in the field understand the details of the presentations. At this issue, the annotated bibliography of key works on the topic of the symposium is published as well.

Further development of aquaculture is highly desired as a production source of important foods for human being all over the world. Stable supplies of safe and economical feed ingredients are requisite for the sustainable development of aquaculture. Nevertheless, in recent years we recognized some serious problems, which threatened the use of important feed ingredients like fish meal and oil. On this symposium we UJNR Aquaculture Panel members discussed the problems concerning aquafeeds, and attempted to explore the effective means to overcome these constraints for the further sustainable advancement of aquaculture. It is my great pleasure that the present UJNR proceedings containing high quality papers of the selected American and Japanese aquaculture scientists will help readers understand the problems and future aspects of aquafeed.

Finally I would like to express my sincere gratitude to the colleagues involved in the UJNR Aquaculture Panel for their efforts to prepare and organize the symposium. I also would like to deeply thank the editorial board members for publishing the proceedings.

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