

International seminar on roles and potential of land-based aquaculture in sustainable blue economy in 2022 (ISLAB 2022)

Global Mission of Aquaculture in the Sustainable Advance of Blue Economy

Organized by University of the Ryukyus in cooperation with Japan International Cooperation Agency (JICA)

Venue: Online

Date: 12 December 2022 **Time:** 17:00-20:10 JST (UTC +9)

1. Introduction/Background

Blue Economy is the term of “sustainable use of ocean resources for economic growth, improved livelihoods, and jobs while preserving the healthy ocean ecosystems (World Bank)”. This concept was advocated in the Conference on Sustainable Development at the United Nations in 2012.

Aquaculture is a rapidly growing industry in many areas and constitutes an important segment of Blue Economy. Among various types of aquaculture, land-based aquaculture is known to play unique roles in addressing specific issues of littoral states/communities. These include shortage of water resources, limitation of labour forces, low rate of self-sufficiency in food supply, degradation of coastal environment, and proliferation of fish diseases, etc.

ISLBA is intended to serve as a platform to share useful knowledge and experiences of recent development of land-based aquaculture by referring to different cases of its application. In the case of Japan, efforts are made to address the issues of labor shortage, especially decreased number of young workers, with land-based aquaculture. In Thailand, a solution is sought for environmental degradation caused by shrimp farming such as deforestation of mangrove forests. In Egypt, competition over the use of water between agriculture and aquaculture has been intensified. In Fiji, pond culture is linked to national food security and adaptation to the climate change. There is a high expectation that land-based aquaculture will be further promoted to address these issues

It is hoped that this seminar will highlight the importance of land-based aquaculture and promote the exchange of information and networking of the researchers and practitioners of land-based aquaculture.

2. Objectives of the seminar

This event is aimed at sharing information on overview and outlook of land-based aquaculture in several countries so as to increase contributions of the aquaculture sector to the Blue Economy.

3. Tentative Schedule

Time (JST,UTC +9)	Agenda
17:00-17:15	<p>Opening session</p> <p><u>Objective and outline of the seminar:</u> Dr. Hiroki Takekata (Univ. of the Ryukyus)</p> <p><u>Opening remarks:</u> Shunji Sugiyama (JICA)</p>
17:15-18:00	<p>Keynote lecture</p> <p>Role of Aquaculture in Sustainable Blue-Economy in Egypt as a leader of Aquaculture Production in Africa</p> <ul style="list-style-type: none"> ◆ Dr. Ahmed Mohamed Nasr-Allah WorldFish
18:00-18:10	<p>Break</p>
18:10-18:30	<p>Case 1: Egypt</p> <ul style="list-style-type: none"> ◆ Dr. Ahmed Saney El-Din The Lake and Fish Resources Protection and Development Agency
18:30-18:50	<p>Case 2: Fiji</p> <ul style="list-style-type: none"> ◆ Dr. Timothy Pickering Aquaculture and Marine Ecosystems Division Pacific Community (SPC)
18:50-19:00	<p>Break</p>
19:00-19:20	<p>Case 3: Japan</p> <ul style="list-style-type: none"> ◆ Dr. Kodai Fukunaga: University of the Ryukyus
19:20-19:40	<p>Case 4: Thailand</p> <ul style="list-style-type: none"> ◆ Miss. Benjaporn Somridhivej Aquatic Animal Health Research and Development Division
19:40-20:10	<p>Open discussion</p> <p>Concluding remarks: Prof. Akihiro Takemura (University of the Ryukyus)</p>
20:10-	<p>Closing</p>