

# UJNR 2024



## United States-Japan Natural Resources Panel on Aquaculture



***52<sup>nd</sup> Scientific Symposium***

***November 5-8, 2024***

**Mie Prefecture, Japan**



*Ago Bay, Mie Prefecture, Japan; Photo credit: Japan FRA*

## **Symposium Details**

The UJNR Aquaculture Panel is a cooperative research exchange between the U.S. and Japan, jointly addressing environmental and technical issues that affect the aquaculture industries of both nations.

The 52<sup>nd</sup> UJNR Aquaculture Symposium is the first year of the three-year theme, A New Era for Sustainable Aquaculture - The next 50 years of research, education and

collaborations: Year 1 focus - Next steps for sustainable and resilient aquaculture. This year's presentations will focus on science and innovation related to genetics/selective breeding, health management, seaweed culture, or ecosystem management.

Scientific symposia held during the first [50 years of this enduring U.S.-Japan bilateral](#) on aquaculture has focused on a wide range of topics including disease, nutrition, stock enhancement, genetics, climate change and many others. Looking forward to the next 50 years, aquaculture must adapt to a changing environment and employ cutting edge technologies to ensure resilience and development of methods that are in harmony with the surrounding environment.

## Tentative Agenda

Tuesday November 5	Wednesday November 6	Thursday November 7	Friday November 8
<b>Morning</b>	<b>Morning</b>	<b>Morning</b>	<b>Morning</b>
UJNR Business Meeting	Symposium Sessions	Aquaculture Field trips in Mie	Aquaculture Field trips in Mie
<b>Afternoon</b>	<b>Afternoon</b>	<b>Afternoon</b>	<b>Afternoon</b>
Symposium Sessions	Symposium Sessions	Aquaculture Field trips in Mie	Aquaculture Field trips in Mie
<b>Evening</b>	<b>Evening</b>	<b>Evening</b>	<b>Evening</b>
Symposium Reception			Closing Reception

## Abstracts and Annotated Bibliographies

Abstracts and annotated bibliographies from invited speakers will be due **October 4, 2024** by submitting them to [NMFS.Aquaculture.Science@noaa.gov](mailto:NMFS.Aquaculture.Science@noaa.gov) with the subject line "UJNR Submission."

### Guidelines

Abstracts should be no more than 500 words.

Annotated bibliographies should consist of 3-5 key papers on the topic of your symposium presentation. The goal is to highlight key papers from each country to assist

their counterparts in exploring references specific to the presentations. This will be especially helpful to the U.S. members as much of the literature published in Japanese is difficult for U.S. researchers to access and/or translate.

The annotations for the 3-5 bibliographic references should include a brief description of the work, the results, and the reasons why the author considers them key works. Key works could be your own work or that of other scientists. When possible, key works should be from your own country. An example is given below to aid in formatting. Links to key papers would be helpful if they are available. Annotated bibliographies from all presenting scientists will be published as part of a proceedings.

### **Example of Annotated Key Reference**

Mozaffarian, D. and E. Rimm. 2006. Fish intake, contaminants, and human health: Evaluating the risks and benefits. *JAMA*, Vol 296:15. Pp 1885-1899.

The authors for the first time present a comprehensive human health model based on concentrations of mercury, dioxins, polychlorinated biphenyls and long chain n-3 fatty acids for fish and project the impact of increased seafood consumption in the United States on the population's health. This model accounts for the increased risks associated with consumption of contaminated seafood along with the benefits from increased consumption of long chain n-3 fatty acids. Overall the authors predict that increasing the per capita consumption of seafood in the United States from 16 to 26 lbs/person (1-2 servings per week of species high in n-3 fatty acids) would result in a decrease in coronary death by 36% and an overall decrease in total mortality of 17%. Further the authors provide the amounts to consume of various species and the cost to provide the benefits associated with seafood consumption. Implications for target nutrient and contaminant levels in aquacultured fish can be derived from the information presented in this paper.

All material should be provided in a standardized computer format (Microsoft Word), Times New Roman font, 12 pt font size, and one inch margins. The unedited abstracts and annotated bibliographies will be available at the symposium.

## **Travel and Accommodations**

### **Travel Assistance**

Travel assistance is available to support eligible speakers and participants. If you are an invited speaker and are interested in receiving travel assistance to present your research at the 52<sup>nd</sup> UJNR symposium, please coordinate your request for travel support with ([NMFS.Aquaculture.Science@noaa.gov](mailto:NMFS.Aquaculture.Science@noaa.gov)) by **August 30, 2024**.

### **Accommodations**

To be determined.

## **Due Dates for U.S. Participants**

### **By October 11, 2024:**

1. Presentation abstract (500 word limit).
2. Annotated bibliography that contains 3-5 references.

### **By March 31, 2025:**

1. A 2-8 page mini-paper, including your abstract, the research you presented, and your annotated bibliography will be included in a published proceedings. A guide to authors for the mini-paper will be provided.