



## **SPEECH OF HEAD OF RESEARCH CENTER FOR ENVIRONMENTAL AND CLEAN TECHNOLOGY BRIN**

**on**

### ***GENERAL LECTURE ITI-BRIN-PICES***

*“Fishphyto and Marine Environmental Monitoring for Disaster  
Mitigation of Harmful Algal Blooms (HAB) and Ciguatera Fish  
Poisoning (CFP)”*

Serpong, May 28, 2025

Bismillaahirrahmaanirrahiim,

The Honorary,

1. Rector of ITI. Prof. Dr. Ir. Syopiansyah Jaya Putra, M.Sis, IPU, ASEAN Eng and STAFF
2. Dr. Alexander Bychkov, PICES Secretariat and Project Coordinator of PICES for FishPhyto
3. All speakers and moderator
  - 1) Prof. Zainal Arifin. Co-chair IOC-WESTPAC Working Group on SIRaD.
  - 2) Prof. Mitsutaku Makino (PICES; AORI, University of Tokyo, Japan)
  - 3) Dr. rer.nat. Abu Amar. Department of Agro-Industrial Technology, ITI
  - 4) Prof. Mark Wells (PICES-Maine University, USA)
  - 5) Prof. Charlie Trick (PICES-Toronto University, Canada)
  - 6) Dr. Shion TAKEMURA (PICES-FRA-MAFF, Japan)
  - 7) Prof. Suhendar I Sachoemar. Research Center for Environmental and Clean Technology of BRIN and Department of Agro-Industrial Technology, ITI
  - 8) Arief Rachman of Research Center for Oceanography, BRIN

4. Vice Chancellor, Head of Bureau and Center, ITI Lecturers and Students and all participant of the General Lecture

**Assalamualaykum warohmaatullahi wabarokatuh, Good Morning, Greetings to All of Us.**

First of all, let us express our Praise and Gratitude to Allah SWT, that today we can gather together at ITI Campus for a Public Lecture that will be delivered by several marine science experts from PICES and Indonesia. We are delighted to welcome this event and it is a great opportunity for us to express BRIN's support for the collaboration that has been established between the Indonesian Institute of Technology (ITI) and PICES (North Pacific Marine Science Organization) in holding this excellent Public Lecture, which will enrich the knowledge base in the field of marine sciences that are very important for Indonesia, the largest archipelagic country in the world. This activity also serves as a venue for the implementation of cooperation between ITI and the BRIN Clean Technology and Environmental Research Center, which was signed some time ago. I hope that activities like this can continue to be developed to strengthen the capacity or capabilities of Indonesia's human resources, especially for ITI students and students from various other universities, as well as scientists, researchers, and scholars from both government and non-government institutions.

**Ladies and gentlemen,**

BRIN (National Research and Innovation Agency) is a government institution that has the vision of realizing a reliable, professional, innovative, and integrity-filled National Research and Innovation Agency in service to the President and Vice President, to achieve the President's vision and mission: 'A Sovereign, Independent, and Personality-based Advanced Indonesia grounded in Mutual Cooperation.'

To achieve this vision, the establishment of BRIN has the aim :

1. The realization of findings, breakthroughs, and advancements in science and technology from research, development, assessment, and application, as well as inventions and innovations, the management of nuclear energy, and the management of space technology in order to enhance productivity and competitiveness, improve the quality of the environment and disaster resilience, as well as climate.
2. The realization of human resources, infrastructure, facilitation, and the utilization of superior and competitive research and innovation.
3. The realization of good and clean governance in the National Research and Innovation Agency (BRIN).

In line with its vision, BRIN certainly fully supports the cooperation that has been established between the Indonesian Institute of Technology (ITI) and PICES (North Pacific Marine Science Organization) in various fields and activities. It is hoped that this collaboration can improve the quality of human resources and research and innovation infrastructure in Indonesia, especially for the institutions related to this collaboration, namely ITI and BRIN.

This is a brief speech that we can convey. We wish you a successful participation in the Public Lecture and we thank ITI and PICES for handing over the plankton analysis equipment (planktonscop) to BRIN, which is greatly needed to support research activities at our place, and to all the committee for organizing this Public Lecture. May it be beneficial for all of us.

**Serpong, May 28, 2025**

**Head of the Research Center for Environmental and Clean Technology, BRIN**

**Dr. Ario Betha Juanssilfero, M.Sc**