

The IDEC Institute seminar series, The 3rd PHIS Special Seminar & Chile-Japan binational project (SATREPS MACH) Seminar

Date: 2022/10/4 14:00-17:00

Place: Hiroshima U, Grad Sch of Adv Sci of Matter Build. 6F Seminar Room

Online: <https://onl.sc/uD8g2pU>

Development of harmful algal bloom monitoring methods and forecast system for sustainable aquaculture and Coastal Fisheries in Chile



Moderator: Shoko Ueki (Assoc. Prof. Okayama University)

Program

14:00 – 14:05 **Welcome Note:** Dr Saori Kashima, PHIS Director, Hiroshima University

14:05 – 14:10 **Welcome Note:** Dr Akimasa Fujiwara, Vice Dean, Graduate School of Advanced Science and Engineering, Hiroshima University

Speakers

14:10 - 15:35 **Dr. Leonardo Guzmán** (Head of Aquaculture Research Division, Instituto de Fomento Pesquero)

Title: Alexandrium catenella and Paralytic Shellfish Toxin for the past 50 years in Chile

14:35 - 15:00 **Dr. Oscar Espinoza** (Head of the Harmful Algae Study Center, Instituto de Fomento Pesquero)

Title: Spatial-temporal variability of microphytoplankton assemblages and harmful microalgae in coastal waters of central-southern Chile (36° - 44° S)

15:00 – 15:25 **Dr. Milko Jorquera** (Professor, University of La Frontera)

Title: SATREPS-MACH project as a first approach on integrating the omics in the study of HABs in Chilean coasts

15:25 – 15:50 **Dr. Andrés Ávila** (Professor, University of La Frontera)

Title: 16S-based metagenomic analysis of marine phytoplanktonic-associated bacterial communities in northern Chile

15:50 – 16:15 **Dr. Carlos Riquelme** (Professor, University of Antofagasta) and **Mr. Vladimir Avalos** (Researcher, University of Antofagasta)

Title: Microbes isolated from Antofagasta Bay (Atacama Desert) and interacion with Prorocentrum species

16:15 – 16:40 **Dr. Gonzalo Gajardo** (Professor, University of Los Lagos)

Title: HABs and sustainable goals: learning from the Chile experience

16:40 **Closing remarks:** Fumito Maruyama, Professor, Hiroshima University

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