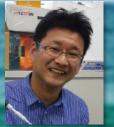
Biodiversity of coastal seas and restoring environment

~New problems and the latest monitoring methods~

Session 1: Biodiversity ~Climate change and its influence on marine species~









Hiroshi Kawai

Thomas Therriault

Toshifumi Minamoto

Session 2: Goals for rich and healthy oceans / coastal area \sim The problem of microplastics and coastal environmental restoration technology \sim





Hideo Okamura



Kevin Thomas



Shuhei Tanaka



Satoshi Asaoka

Kobe city, where we live, is located along the coast and must face the risks of future environmental change. Natural environments are changing due to various factors, and in order to understand their complex phenomena, it is necessary to conduct research from various aspects. This time, we are going to invite researchers from Japan and abroad, who have been studying coastal issues. In Session 1, We will talk about the current status of ecosystems in coastal areas and their changes, and in Session 2, We will talk about marine plastics and nutrients, which have recently become popular.

Date

: February 22, 2020 (Sat)

13:00 ~ 17:00

Venue

Kobe University

Takigawa Memorial Hall

(About 15 minutes on foot from Hankyu Line Rokko Station)

Participation fee : Free

open to students of all ages

Capacity : 120 people

: Japanese and English language

(Simultaneous interpretation available)

Application: Please register in advance.

Please contact the QR code below or the

E-mail address on the back.



The program is on the back.

Organizer: Kobe University Research Center for Inland Seas, Asia-Pacific Network for Global Change Research International EMECS center

Supporter (planned): Hyogo Prefecture, Hyogo Prefectural Board of Education, Hyogo international association, Japan International Cooperation Agency Kansai Center

Program

14:50~15:00

13:00~13:20	Welcome remarks
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Session1: Biodiversity ~Climate change and its influence on marine species~

Coordinator: Hiroshi Kawai / Kobe University Research Center for Inland Seas

13:20 ~ 13:50	Monitoring Ecosystem Changes in High Use Coastal Environments	Dr. Thomas Therriault	Research Scientist of Fisheries and Oceans Canada
13:50~14:20	Monitoring biodiversity using environmental DNA	Dr. Toshifumi Minamoto	Kobe University Graduate School of Human Development and Environment
14:20 ~ 14:50	Biodiversity in a forest-stream-marine linkage	Dr. Takuya Sato	Kobe University Graduate school of Science

Tea Break

Session2: Goals for rich and healthy oceans/coastal area

~The problem of microplastics and coastal environmental restoration technology ~

Coordinator: Hideo Okamura / Kobe University Research Center for Inland Seas

15:00 ~ 15:30	Tiny Plastics: An issue solely for our oceans, or ubiquitous environmental pollutants?	Prof. Kevin Thomas	University of Queensland, Brisbane, Australia
15:30 ~ 16:00	Nobody knows the Environmental Fate of Plastic Garbage	Dr. Shuhei Tanaka	Kyoto University Graduate School of Global Environmental Studies
16:00 ~ 16:30	Environmental Restoration Technologies for Eutrophic or Oligotrophic Seas	Dr. Satoshi Asaoka	Kobe University Research Center for Inland Seas
16:30 ~ 17:00	Panel discussion Coordinator: Hiroshi Kawai & Hideo Okamur Panelist: Speakers of presentation and gradu		tudent

Participation application

Please participate in one of the following ways.

 \bigcirc QR code: Please access the QR code at right or on the other side, fill out the participation registration form and send it.

②E-mail: Please give the following information and send it to address yamamoto@emecs.or.jp

- 1. Name, 2. Occupation, 3. Affiliation (company name, school name etc.)
- 4. Contact (your E-mail address)
- 5. How did you know about this lecture? (leaflet, introduction, etc.)
- *If you apply, you will receive a participation certification by e-mail.
- *If you don't receive participation certification, please contact the following.

Venue

Walk: About 15 minutes from Rokko station on Hankyu Line or About 20 minutes from Rokkomichi station on JR Line

Bus: Get on Kobe City Bus No. 36 (for Tsurukabutodanchi) at

Rokkomichi station on JR Line or at Rokko station

on Hankyu Line, and Get off at Bus stop "Shindaibunrinougakubumae", and about

5 minutes on foot.

Contact

International EMECS center E-mail: yamamoto@emecs.or.jp

TEL: (078) 252-0234

