

Program

Venue 1: Media Hall

28 November

10:00-11:10 **Opening ceremony and welcome message**

11:10-11:50 **Keynote Speech 1:** Osamu Matsuda (Satoumi Research Institute)

Concept of Satoumi and related activities

11:50-12:00 **Group Photo**

12:00-13:00 **Lunch**

Satoumi Session

13:00-13:10 **Opening remarks and purpose explanation:** Teruhisa Komatsu (President of SFJO Japan)

13:10-13:40 **Keynote Speech 2:** Patrick Prouzet (President of SFJO France)

Between Nature and Culture – A needed harmony

13:40-14:10 **Keynote Speech 4:** Junko Nishikawa (Ministry of the Environment)

Creating Satoumi in the Reiwa Era in Japan

14:10-14:40 **SS-1:** Tatsuya Sato (Ministry of the Environment)

Toba City Red Data Book 2023: Basic reference material for local knowledge and its application to Satoumi development

14:40-15:10 **SS-2:** Kumi Kato (Wakayama University)

Sound of Satoumi: ecological acoutemology of Ama divers

15:10-15:30 **Coffee Break**

15:30-16:00 **SS-3:** Masaru Kanda (Representative of the Kuroshio Experience Center)

The whole island is a museum

16:00-16:30 **SS-4:** Satoki Oba (Secretary general of NPO Otsuchi-noasobi)

Creating satoumi in Sanriku

16:30-17:00 **Discussion**

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Satoumi Session

09:00-09:30 **SS-5:** Patrick Prouzet (SFJO France), Eric Feunteun (Muséum National d'Histoire Naturelle) and Didier Macé (Committee of Inland Professional Fishermen)

Eel restoration in France: the need for a non-sectoral approach using academic and traditional knowledge

09:30-10:00 **SS-6:** Kazumi Wakita (Tokai University)

Hidden effect of local traditional practices for conservation of coastal resources in Niue

10:00-10:30 **SS-7:** Suhendar I Sachoemar (BRIN, Indonesia)

Development of Satoumi aquaculture system using material circulation in Indonesia

10:30-11:00 **Coffee Break**

11:00-11:30 **SS-8:** Mitsutaku Makino (The University of Tokyo)

Co-designing coastal monitoring system for Satoumi using smart phone: a case from Indonesia

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11:30-12:00 **SS-9:** Hiroaki Sugino (Yamaguchi University)

Visualization of citizen's vista, future vision, and its vector: A practical case study from the Seto Inland Sea of Japan

12:00-13:00 **Lunch**

13:00-13:40 **Discussion** moderated by Dr. Yves Henocque (Vice president of SFJO France)

Panellors: Dr. P. Prouzet (SFJO France), Prof. Osamu Matsuda (Satoumi Research Institute), Prof. Teruhisa Komatsu (SFJO Japon)

13:40-14:00 **Coffee Break**

SPF Session

14:00-15:30 **Policy and Governance Approach in Regional Seas: A Comparison of the Mediterranean and East Asia**

Introducing the session rationale: Xiang Gao (OPRI-SPF)

SP-1: Xiang Gao (OPRI-SPF)

East Asia regional seas: UNDP/PEMSEA - History, functioning, and perspectives

SP-2: Yves Henocque (SFJO France)

Mediterranean Sea: UNEP/MAP - History, functioning and perspective

SP-3: TBD (Researcher from East Asia region)

Specific topic about UNDP/PEMSEA's activity

SP-4: Marie Romani (Romani Consulting)

Specific topic about UNEP/MAP's activities

Discussion moderated by Xiang Gao (OPRI-SPF) and Yves Henocque (SFJO France)

30 November

09:00-10:00 **General Discussion for all sessions moderated by SFJO**

10:00-11:00 **Closing Ceremony**

Venue 2: Multi Labo 2

28 November

Climate-Change Adaptation Session

Theme 1: Umigyo

Facilitator: Kazufumi Takayanagi (Vice president of SFJO Japon)

13:00-13:30 **Keynote Speech 3:** Hiroshi Somekawa (Fisheries Agency)

Promotion of Umigyo by the Fisheries Agency

13:30-13:50 **T1-1:** Shin Onozato (JF Toba Isobe Fisheries Cooperative)

How to create contents for “Umigyo” based on the concept of attractive fishery

13:50-14:00 **Discussion**

Theme 2: FRA-Ifremer collaboration: Bivalve and ecosystem research

14:00-14:10 **Opening remarks and purpose explanation:** Ichiro Nakayama (President of FRA, Vice president of SFJO Japon)

14:10-14:30 **T2-1:** Satoshi Watanabe et al (FRA)

Progress in clam study under the second MOU between Ifremer and FRA

14:30-14:45 **T2-2:** Nathalie Call-Milly and Florence Sanchez (Ifremer)

Management of *Ruditapes philippinarum* fisheries in Arcachon Bay, SW France: New challenges in a changing environment

14:45-15:00 **T2-3:** Nariaki Inoue (FRA)

Protective effect of crushed stone laying on Manila clam (*Ruditapes philippinarum*) juveniles in Funabashi, Tokyo Bay

15:00-15:15 **Coffee Break**

15:15-15:30 **T2-4:** Yannick Gueguen (Ifremer)

Roadmap for the Ifremer COAST Unit within the framework of the FRA/Ifremer MOU. Challenges and prospects in the context of climate change

15:30-15:45 **T2-5:** Tania Hernandez-Farinas (Ifremer)

From monitoring to ecological insights: Decadal observations of phytoplankton in French coastal waters

15:45-16:00 **T2-6:** Aline Gangnery (Ifremer)

In-situ trophic ecology of benthic marine suspension feeders assessed with metabarcoding

16:00-16:15 **T2-7:** Valérie Derolez (Ifremer)

Long-term impacts of climate change on phytoplankton communities and seasonality

16:15-16:30 **T2-8:** Franck Lagarde (Ifremer)

ECOSCOPA, Network for monitoring the life cycle of Pacific oysters to assess the impact of environmental and climate changes

16:30-16:45 **T2-9:** Tomohiro Okamura et al. (FRA)

Field monitoring for successful wild oyster spat collection

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Theme 3: FRA-Ifremer collaboration: Novel studies in the coastal ecosystems

09:15-09:30 **T3-1:** Philippe Riou (Ifremer)

The ODE Scientific Department (Oceanography and Ecosystem Dynamics) :
Research focused on three fundamental areas

09:30-09:45 **T3-2:** Jean-Marc Fromentin (Ifremer)

Development of indices of abundance of Mediterranean coastal fish populations using
eDNA quantification

09:45-10:00 **T3-3:** Kazuki Yokouchi et al. (FRA)

Community shifts and fisheries adaptation in Ise-Mikawa Bays: Integrated insights
from small trawl fisheries and scientific surveys

10:00-10:15 **T3-4:** Tina Erica Odaka (ifremer)

Global fish tracking system and Pangeo-Fish: Advancing collaborative,
interdisciplinary biologging data analysis using digital twin technologies

10:15-10:45 **Coffee Break**

Theme 4: FRA-Ifremer collaboration: Blue Carbon

10:45-11:00 **T4-1:** Masakazu Hori (FRA)

Toward sustainable blue economy from blue carbon ecosystems

11:00-11:15 **T4-2:** Pierre Polsenaere (Ifremer)

Integrative carbon budget of a temperate wetland – tidal bay – sound continuum
revealed by exchange interface process and flux measurements

11:15-11:30 **T4-3:** Yuto Kawata et al. (TOYOTA Motor Corp.)

Demonstration study on seaweed cultivation for blue carbon expansion and key
factors to increase the yield

11:30-11:45 **T4-4:** Atsushi Watanabe (SPF-OPRI)

Blue carbon as a catalyst for sustainable blue economy development

11:45-12:00 **Discussion**

12:00-13:00 **Lunch**

Theme 5: Offshore Wind Farm

Facilitator: Mitsutaku Makino (OPRI-SPF & The University of Tokyo)

13:00-13:40 **Keynote Speech 5:** Shigeto Hase (Tokyo Fisheries Promotion Foundation)

Offshore wind farms and fisheries coordination

13:40-14:10 **T5-1:** Jean-Claude Dauvin (l'Université de Caen Normandie)

Contribution of marine ecology researches towards the implementation of offshore
wind power in the English Channel

14:10-14:25 **Coffee Break**

14:25-15:00 **T5-2:** Philippe Pagot (EDF Power Solutions Japan K.K.)

How EDF power solutions has coordinated with fishermen and other stakeholders of
coastal waters in France

15:00-15:30 **T5-3:** Hiroyuki Nakahara (Yokohama National University)

Offshore wind vs fisheries - Way of co-existence

15:30-15:45 **Discussion**

Venue 3: Multi Labo 1

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Oral presentation, general

- 13:00-13:15 **OP-1:** François Poisson (Ifremer) and Daisuke Ochi (FRA)
The MEGABIT (MEGA fauna Behaviors & Longline Gear Interactions for Sustainable Fishing Practices): A collaborative research project
- 13:15-13:30 **OP-2:** Luka Fujimori (Tokyo University of Marine Science and Technology)
Three-dimensional measurement system with marker and quad camera for marine robot
- 13:30-13:45 **OP-3:** Makoto Morito (Tokyo University of Marine Science and Technology)
Development of an ASV control system using VSC
- 13:45-14:00 **OP-4:** Kazuki Masuda (Graduate School of Maritime Sciences, Kobe University)
Development of a method for estimating sea wind from shipboard wind using random forest
- 14:00-14:15 **OP-5:** Masataka Hirose (National Institute of Technology, Toba college)
Viscosity temperature characteristics of biodiesel fuel synthesised using oyster shell catalysts
- 14:15-14:30 **OP-6:** Shigeharu Aoyama (Member of the House of Councillors)
Production engineering development of ocean energy resources of JAPAN
- 14:30-14:45 **OP-7:** Yasuo Utsumi (National Institute of Technology)
GEAR: human resource development project with solving community issues
-Development in the IT fisheries industry in region-
- 14:45-15:05 **Coffee Break**
- 15:05-15:20 **OP-8:** Tatsuyuki Sagawa (Tottori University of Environmental Studies)
Monitoring seaweed bed distribution using PlanetScope: A case study in Tottori, Japan
- 15:20-15:35 **OP-9:** Tomoharu Senjyu (Kyushu University)
Revisit the upper portion of the Japan Sea proper water: Recent structural change and warming trends
- 15:35-15:50 **OP-10:** Hisayuki Arakawa (Tokyo University of Marine Science and Technology)
Concentration and properties of small microplastic around Japan
- 15:50-16:05 **OP-11:** Mathilde Charbonnelle (CNRS)
The Fecamp platform: a multidisciplinary observatory for monitoring of marine renewables energies in France
- 16:05-16:20 **OP-12:** Robin van Paemelen (CNRS)
Taxonomic–functional coupling: a robust approach to monitor benthic communities in the context of offshore wind-farm development
- 16:20-16:35 **OP-13:** Ferdinand Schlicklin (l'Université de Caen Normandie)
Offshore wind farm development: an opportunity to update the invertebrate diversity in the English Channel

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09:15-09:30 **OP-14:** Ayumi Hirose (Institute of Science Tokyo)

The fate of olfactory genes in cetaceans: Insights from Ziphiidae

09:30-09:45 **OP-15:** Davin Setiamarga (National Institute of Technology, Wakayama College)

Octopuses were just bootleg squids!? What the vampire squid genome revealed about early cephalopod evolution

09:45-10:00 **OP-16:** Yuki Nagai (Tohoku University)

An overview of infestation in farmed and wild oysters by shell-boring Polydorid Species (Annelida: Spionidae) along the French Metropolitan Coast

10:00-10:15 **OP-17:** Minako Kato (Fishing Port and Grounds Division, Department of Agriculture, Forestry and Fisheries, Okinawa)

Analysis of Catch Trends in Set Net Fisheries in the Waters around Okinawa Island

10:15-10:45 **Coffee Break**

10:45-11:00 **OP-18:** Mega Syamsuddin (Universitas Padjadjaran, Indonesia)

Modeling the migration of Skipjack Tuna (*Katsuwonus pelamis*) migration: Insights into ENSO-induced seasonal patterns in the Makassar Strait

11:00-11:15 **OP-19:** Takatoshi Higuchi (The University of Tokyo)

Environmentally regulated oceanic spawning migration behaviour of the freshwater eel

11:15-11:30 **OP-20:** Eric Feunteun (Muséum National d'Histoire Naturelle)

The hidden threat: How pollutants impact European eel populations. Implications for management

11:30-11:45 **OP-21:** Haruku Maeda (National Institute of Technology, Toba College)

Effect of mixing pearl powder on the electrical conductivity of beverages

11:45-12:00 **OP-22:** Toshiki Nakano (Tohoku University)

Nondestructive and noninvasive analysis of marine product quality

12:00-13:00 **Lunch**

14:00-14:15 **OP-23:** Patrick Vincent (SFJO France)

International and interdisciplinary research programs are essential to understand and mitigate the impact of climate changes on marine coastal areas, from macro to nano scales

14:15-14:30 **OP-24:** Alexandre Meinesz (University Cote d'Azur ECOSEAS CNRS UMR)

Protecting coastlines from rising sea levels caused by climate change. What is being done off the French Mediterranean coast and long-term projects

14:30-14:45 **OP-25:** Jamila Pacheco Rodrigues (Okinawa Institute of Science and Technology)

Okinawa coastal fishers' perceptions of climate change and its Impact on fisheries and fishers' wellbeing

14:45-15:00 **OP-26:** Ryutaro Kamiyama (FRA)

Local ecological knowledge of oyster farmers on the marine environment and productivity

15:00-15:15 **OP-27:** Mai Yoshimura (Nagoya University)

Local ecological knowledge and environmental change: A case study of ama fishing in Mie prefecture, Japan

15:15-15:30 **OP-28:** Akiharu Sasaki (Hokkaido University)

Relationship between land use, river water quality, and fisheries productivity in each marine area of Hokkaido