29 November 16:00-17:00 Poster presentation: core time and voting

P1 Haruka SAKATA (Sanyo Techno Marine Inc.)

Dust-climate couplings over the Glacial-Interglacial cycle

P2 Yusuke AMAYA (University of Toyama)

Changes and Mechanisms of Deep-Water Circulation in The Japan Sea Under Idealized Global Warming

P3 Takuma SUZUKI (TUMSAT)

Distribution of Microplastics in the Sediments of the Seto Inland Sea

P4 Daeyoon JUNG (TUMSAT)

Microplastics on sandy beaches in Tokyo Bay: spatial and seasonal variations in accumulation

P5 François GALGANI (IFREMER)

Plastic Pollution: Recent Developments, Current Issues, and Future Perspectives

P6 Aoi NAKANO (Graduate School of Bioresources, Mie University)

Plastic Erosion and Fragmentation Caused by the Foraging Activity of Molluscan Grazers

P7 Souta TAKITANI (NIT, Wakayama College)

Rainfall Impacts on River and Marine Water Quality in Wakayama prefecture, JAPAN

P8 Sachio KUBOTA (NIT, Toba College)

Development of Ship Systems to Achieve Environmental Protection and Carbon Neutrality

P9 Maho TANIGUCHI (Tohoku University)

Detection of Spionid Polychaetes Infesting Established European Flat Oyster Ostrea edulis in Japan

P10 Natsuki HASEGAWA (FRA)

Yield of Annual Inedible Kelp Farming in Northern Japan

P11 Natsumi SANO (Graduate School of Bioresources, Mie University)

Induction of Deposition on the Inner Shell Surface of the Akoya Pearl Oyster (*Pinctada fucata*) by Bacterial Inoculation

P12 Sayaka TERAMOTO (Iwate Prefectural Fisheries Technology Center)

Introduction and Establishment of the European Flat Oyster Ostrea edulis in Japan

P13 Hirokazu MATSUDA (Graduate School of Bioresources, Mie University)

Effect of Rearing Water Temperature on the Occurrence of Skin Ulceration Disease in Cultured Japanese Sea Cucumber (*Apostichopus japonicus*)

P14 Yutaka OKUMURA (FRA)

Microalgae detected from sediment cores collected on land

P15 Yuki AMAKI (TUMSAT)

Relationship between the distribution of the sakura shrimp Lucensosergia lucens and underwater

P16 Teruhisa KOMATSU (Japan Fisheries Resource Conservation Association)

Influence of a Sargassum forest on the distribution of surface current velocity gradient

P17 Mizuki KOBAYASHI (Graduate School of Bioresources, Mie University)

Cultivation Methods and Growth Responses of the Brown Alga Sargassum horneri

P18 Gen NAKAMURA (TUMSAT)

Power of Citizens: Unveiling the Hidden Ecology of the Endangered Finless Porpoise

P19 Tadashi MATSUBARA (Fisheries Technology Institute, FRA)

Investigating the Factors Behind the Decrease in Dominance of the Diatom *Skeletonema* in the Seto Inland Sea: Insights from Growth Response to Light and Nitrogen

P20 Tatsumasa OKAMOTO (Graduate School of Bioresources, Mie University)

Diatom-Specific DNA Metabarcoding Reveals the Diet of Manila Clam (Ruditapes philippinarum) Larvae

P21 Tamaha YAMAGUCHI (Fisheries Resources Institute, FRA)

Preliminary determination of phytoplankton community structure by next-generation sequencing of residuals from pigment samples

P22 Stéphane PETIT (Sète Maritime High School / Lycée de la Mer Paul Bousquet de Sète)

Engaging Future Marine Professionals in the Thau Lagoon Clam Recovery with participatory science

P23 Charles-François BOUDOURESQUE (Aix-Marseille Univ., MIO)

Insights into the social perception of the possible natural return of a fishers' competitor, the endangered Mediterranean seal *Monachus monachus*

P24 Hiroki JOSHIMA (TUMSAT)

A study on the foraging and ship-tracking behaviors of boobies at Izu Islands offing

29 November 16:00-17:00 **Poster presentation**: core time and voting

P25 Hiroshi UCHIDA (JAMSTEC)

The Influence of River Water on the North Pacific Ocean as Seen from Absolute Salinity Anomaly

P26 Juna AKAMINE (TUMSAT)

Current structure inferred from the water mass distribution observed by Argo floats in the Indian Sector of Southern Ocean

P27 Yuumi HIRAYAMA (TUMSAT)

Periodic characteristics of absolute dynamic topography and its spatial distribution in the Australian-Antarctic Basin

P28 Mitsuru HAYASHI (Kobe University)

Spatial and temporal characteristics of tidal fronts tracked by edge detection

P29 Yujiro KITADE (TUMSAT)

Algorithm for actively moving ARGO floats to their destination

P30 Mari KUROKI (The University of Tokyo)

A Literature Survey on the Historical Relationship Between Eels and Humans

P31 Chikako SAKAI (NIT, Toba College)

Effect of Pearl Powder Mixing on the Relationship between Electrical Conductivity and Total Dissolved Solids in Liquids and Solids

P32 Mitsuru IZUMI (NIT, Toba College)

Study of Feeding Activity for Sea Urchins in Aquaculture Systems

P33 Hiroyuki OKAMOTO (NIT, Anan College)

Fishing Conditions Prediction by Ocean Conditions Charts

P34 Kota SHIRAKAWA (NIT, Toba College)

Development of a Phytoplankton Identification System

P35 Kazuto KITANAKA (NIT, Toba College)

Laser beam shooting system to prevent duck damage to seaweed farming

P36 Yuki MATSUBA (NIT, Toba College)

Drone-Based System for Preventing Duck Damage in Nori Cultivation

P37 Kyohei YOKOTA (NIT, Wakayama College)

Prediction of Chlorophyll-a Using Machine Learning in the Kii Channel, JAPAN

P38 Nobuo EZAKI (NIT, Toba College)

Building a Behaviour Analysis System for Sea Urchins in Aquaculture Systems

P39 Keita TSUZUKI (NIT, Toyota College)

Exploring Superconducting Rotating Machinery for Hydrogen Society Review of Fundamental Elements from KOSEN Research

P40 Ryunosuke TAKEHARA (NIT, Toyota College)

Development of Material Evaluation System under Cryogenic Conditions for Marine Hydrogen Equipment

P41 Tetta SAWADA (NIT, Toyota College)

Experimental Preparation of Onboard Hydrogen Cooling Systems on Training Ship

P42 Hiroki KOMURA (NIT, Toyota College)

Prototype of Accelerometer-Based Anomaly Detection System for Marine Equipment

P43 Shie TAKEUCHI (NIT, Toba College)

Study Of The Wire Length Effect For The Undulator-type Tidal Stream Generator

P44 Arisa TANIGUCHI (NIT, Toba College)

Tidal Current Measurement For The Power Generation In Toshijima

P45 Keigo HORIE (Graduate School of Bioresources, Mie University)

The Effects and Current Status of Marine Education for Sustainable Community Development in Satoumi Regions: A Case Study of the Whole-School Survey in Toba City

P46 Masataka KUSUBE (NIT, Wakayama College)

Eelgrass (Zostera marina) Seed Production through Microbial and Sediment Optimization: A Strategy for Coastal Blue Carbon Restoration

P47 Masakazu HORI (FRA)

Toward sustainable blue economy from blue carbon ecosystems