



EMECS 7 Poster presentations

Session 1 :

The influence of a large diatom (*Coscinodiscus Wailesii*) variability and the nutrient cycle in coastal water, the Seto inland sea, Japan

Ono Akira

The Mechanism of Red tide outbreak in a heavily eutrophic embayment, Dokai Bay, Japan

Tada Kuninao, Saksomjit Marut and Ichimi Kazuhiko

DO-increasing effects of a microscopic bubble generating system in a fish farm.

Endo Akira

Relationship between seasonal variations of primary productivity and the physico-chemical environment in highly cultivated coastal lagoon (Lake Saroma)

Terasaki Emi

Habitat environment of aquatic organisms in the coastal sea of Tokyo, Japan

Ando Haruo

A simple method for fitting a new sampling grid over pre-existing transects and other sampling systems

Meirland

Genetic diversity in the green tide alga *Ulva pertusa* deduced from rDNA and chloroplast genes: evidence of multiple trans-ocean introduction events

Hanyuda Takeaki

Changes in the functional state of the generative system of the far-eastern haarder Mugil so-iuy (Basilevsky) reflecting the adaptation to the conditions of the azov-black sea area of habitation

Sergeeva S.G., Kornienko G.G., Bugayov L.A. and Rudnitskaya O.A.

Physiological state of the pike perch *Stizostedion lucioperca* population in the periods of different hydrological regimes of the Azov Sea

Sergeeva S.G., Kornienko G.G., Bugayov L.A. and Rudnitskaya O.A.

Growth Characteristics of Benthic Microalgae Inhabiting a Tidal Flat

Ichimi Kazuhiko

Removal of Hydrogen sulfide by photosynthetic bacteria isolated from the sediment of Ago Bay

Seo Hyo-Jin

Macrobenthic assemblages associated with *Lanice conchilega* populations under oyster farming influences: trophic approach using $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ natural stable isotopes.

Dubois Stanislas

Food sources of cultivated oysters in two contrasted ecosystems of Normandy (France) as analyzed by stable isotope natural compositions ($\delta^{13}\text{C}$, $\delta^{15}\text{N}$)

Lefebvre Sebastien

DGGE Analysis of Batch Culture of Nitrification-Denitrification Microbial Community Composition in the Marine Estuarine Sediment of Ago Bay

Nakano Miyo

Occurrences of hypoxic water in the interior parts of the Ariake Sea and its preventive measures

Masahiro Seguchi

Estimating stable isotope (C^{13} , N^{15}) fractionation in marine species: a key step in understanding trophic food webs in ecosystems

Dubois Stanislas

Benthic photosynthesis of the euphotic sea floor in Ago Bay, Japan

Koichi Haraguchi

On the Cause of Variation in Sediment Properties in Sanbanze Shallows of Tokyo Bay

Sasaki Jun



Session 2 :

A study of environmental change in Hiroshima bay using rocky shore organisms as bioindicators, 1995-2005

Imamura Kentaro

Bioremediation and micro-bubble techniques for environmental management of the fish farm and the enclosed coastal bay

Tsutsumi Hiroaki

Increase of DO levels of the water in net pens in the fish farm with a micro-bubble technique

Srithongouthai Sarawut

Purification of seawater contaminated with undegradable aromatic ring compounds using ozonolysis followed by titanium dioxide treatment

Nakamura Yoshitoshi

Indices of the state of environment on example of the gulf of Gdansk

Kowalewska Grazyna

The Effects of Forest Fragmentation on Forest Interior Bird Species Diversity on a Coastal Watershed Landscape

Brinster Christina, Spears Amanda and White Jessica

Evaluation of the impact of wet/dry deposition of nitrogen oxides and ammonia on eutrophication in Mikawa bay, Japan

Kitada Toshihiro

Vegetation and soil relationship on Ceyhan delta coastal dunes(Turkey)

Icaga Yilmaz

Behaviors of nutrients and organic carbon discharged from large scale sewage treatment plants in Tokyo Metropolitan channels network

Maki Hideaki

A study on the environmental management of enclosed coastal sea, Ariake sea, Japan

Hiruma T. (Ito T.)

Evaluation of environmental quality of bottom sediments using organic matter content in estuaries

Hayashizaki Ken-Ichi

Exotic Phytoplankton Species in Bulgarian Black Sea Waters

Petrova Daniela

Impact of long-term sand dredging on the ecosystem in the Seto Inland Sea

Tateki Fujiwara

Session 3 :

Biological method for coastal – ecotsunami protection

Parlichev Dimitar

Management of Coral Communities of Tao Island, Gulf of Thailand

Thamasak Yeemin

The Seine-Aval Program

Dauvin Jean-Claude

Co-inoculation of *Capitella* sp. I with its synergistic bacteria enhances degradation of organic matter in the organically enriched sediment below the fish farm

Zhang D.

The changes of microbial community structure by the bioremediation of the organically enriched sediment in the fish farm with artificially mass-cultured colonies of a polychaete, *Capitella* sp. I

Kunihiro Tadao

Technology development for dewatering dredged sediments and its application for building artificial tidal flat in Ago Bay, Japan

Imai Daizo

Cockle stock (*Cerastoderma edule*) assessment in the Baie de Somme (Channel, France).

Meirland



Session 4 :

Birds, biodiversity, and the working landscape: a new approach to environmental education on coastal seas watersheds

Bell Wayne , Brown Sarah , Kraeer Kimberly and Radcliffe George

Presentation of CPIE (France), associations involved in the sustainable development of estuaries

Rihouet Joël

Recreational tourist aspects of coastal protection of the Bulgarian Black sea coast

Parlichev Dimitar

Involvement of women and youths in control of pollution in enclosed coastal areas of the Niger delta, Nigeria

Okoro Elisabeth Ifeyinwa

Non-governmental Education Activities in the Seto Inland Sea Area

Nishimura Mami

Increasing Public Awareness of the Environment Through Research On The Reality of Seabed Litter

Shiwaku Toshifumi

Session 5 :

Education in Coastal Management –educum@med

Abul-Azm Ahmed G.

Destruction of habitats by land reclamation : Taking into account the shared responsibility through publishing the quality status online. The Mediterranean French coast as a case study

Meinesz Alexandre

Getting greener schools the Maryland green school awards program in Baltimore County

Armacost Jeanne C.

Local government / public school partnerships Baltimore County DEPRM and Woodlawn high school

Armacost Jeanne C.