

< Announcement >

**13<sup>th</sup> International Conference on the Environmental Management of Enclosed Coastal Seas (EMECS 13)**

**EMECS 13 - ECSA 58 Joint Conference**

**Theme: Estuaries and coastal seas in the Anthropocene: structure, functions, services and management**

Date: September 7 – 11, 2020

Venue: University of Hull, Kingston upon Hull, United Kingdom

Organizers: International EMECS Center, Estuarine & Coastal Sciences Association (ECSA)

Conference website: <http://www.estuarinecoastalconference.com/>

From September 7 to 11, 2020, the International EMECS Center will hold the 13th International Conference on the Environmental Management of Enclosed Coastal Seas (13th EMECS Conference) in Kingston upon Hull, as the EMECS13-ECSA58 Joint Conference, in collaboration with the Estuarine & Coastal Sciences Association (ECSA) based in the UK.

The ongoing progress of climate change due to global warming, and the burden of the expansion of human activities, such as population growth, the drastic increase in the size of cities, economic development, and major social and economic changes, have seriously affected the environments of river-basin, estuarine and coastal areas, including their ecosystems, by giving rise to various issues and risks, such as water pollution, ocean acidification, and the marine plastics issue.

Under the theme “Estuaries and coastal seas in the Anthropocene: structure, functions, services and management,” the upcoming EMECS Conference is aimed at enabling attendees to share their knowledge and experience in the initiatives to conserve the environments of estuarine and coastal areas around the world, explore the future direction of environmental management, and upgrade current environmental management.

We look forward to the attendance of many people, including researchers, those in charge of coastal area management and planning, policy experts, government officials, and those engaged in resource exploitation and environmental activities.

## 1. Organizers

International EMECS Center (EMECS)  
Estuarine & Coastal Sciences Association (ECSA)

## 2. Date and venue

Date: September 7 – 11, 2020  
Venue: University of Hull, Kingston upon Hull, U.K.



Venue of opening ceremony  
(University of Hull)



University of Hull

## 3. Session topics

- Physical, chemical and ecological structure and functioning
- Adequacy of modelling and prediction of change
- Repercussions of the loss of resources (space, energy, water, etc.)
- Loss and gain of habitats and ecosystems
- Recovery, restoration and creation of habitats and populations
- Urbanization and industrialization of estuaries and semi-enclosed seas
- Ecosystem Services and Societal Goods & Benefits
- Governance and adaptive management – from the local to the global
- Holistic approach to successful and sustainable management
- Others

## 4. Program

The conference will comprise keynotes, sessions dedicated to conference topics, special sessions (including the EMECS Special Session “ICM and Satoumi” and the session on “Plastics in the Sea”), poster sessions, and the Students & Schools Partnership (SSP) Session, as well as a field trip to sites related to environmental issues scheduled for the final day of the conference.

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## 5. Students & Schools Partnership (SSP) Session

The conference includes the Students & Schools Partnership (SSP) Session, which will be attended by high school and university students. The session will feature oral and poster presentations and interactions between students from various countries.

## 6. Special issues

Special Issues are planned following the conference in Estuarine Coastal & Shelf Science and Ocean & Coastal Management.

Authors of poster and oral presentations are welcome to submit to the special issues as well as authors of suitable papers that did not attend the conference.

Further details will be made available nearer the time of the conference.

## 7. Conference official language

English

## 8. EMECS 13 Conference tour

International EMECS Center will organize the conference tour for the convenience of participants in Japan.

Detailed information will be provided on the EMECS Center website (<https://www.emecs.or.jp/en/>) after April.

### EMECS 13 Conference tour schedule (Tentative)

	Date	City	Schedule
1	4 Sep	Leave Japan	Take an overnight flight
2	5 Sep	Hull	Transit Arrive in Manchester, go to Hull
3	6 Sep	Hull	AM: Free time Evening: EMECS Night (participation fee is required)
4	7 Sep	Hull	EMECS 13 Conference (1 <sup>st</sup> day) • Registration • Opening ceremony, sessions
5	8 Sep	Hull	EMECS 13 Conference (2 <sup>nd</sup> day) • Sessions, Special sessions
6	9 Sep	Hull	EMECS 13 Conference (3 <sup>rd</sup> day) • Sessions, special sessions
7	10 Sep	Hull	EMECS 13 Conference (4 <sup>th</sup> day) • Sessions, special sessions, Closing ceremony
8	11 Sep	Hull	EMECS 13 Conference (5 <sup>th</sup> day) • Field trip (participation fee is required)
9	12 Sep	Leave Hull	Leave Hull for Manchester Depart from Manchester

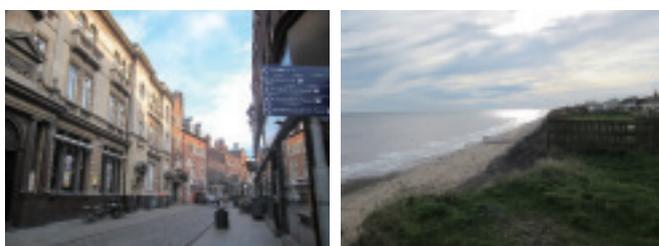
10	13 Sep	Arrive in Japan	Transit Arrive in Japan
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Operator: Tobu Top Tours Co., Ltd.

## 9. Kingston upon Hull, the conference host

Hull (or officially Kingston upon Hull) is a port city in the East Riding of Yorkshire, England, located on the east coast. About 40 km inland from the North Sea, the city faces the Humber Estuary. It has a population of about 260,000.

The University of Hull, the conference venue, was founded in 1927. Over 16,000 students from around 100 countries are currently studying at the university.



Hull city center

Coast of North Sea

## 10. Registration fees

	Deadline	Rate
General	Payment by 22 June, 2020	GBP 624
	Payment after 23 June, 2020	GBP 744
Student		GBP 300

- (1) Discount fee applies to the ECSA members.
- (2) Detailed information on registration fees are shown in the conference website.

## 11. Conference website

For detailed information on the conference, please visit the conference website.

<http://www.estuarinecoastalconference.com/>



University of Hull

## Report on “Biodiversity of coastal seas and restoring environment” seminar ~ New problems and the latest monitoring methods ~

On Saturday, February 22, 2020, a seminar titled “Biodiversity of coastal seas and restoring the environment—New problems and the latest monitoring methods” was held in the Takigawa Memorial Hall, Kobe University, through cooperation between the International EMECS Center, the Asia-Pacific Network for Global Change Research (APN), and the Kobe University Research Center for Inland Seas. As the first seminar to be planned and held through cooperation between the three organizations, this seminar aimed to create the opportunity to consider ocean environmental issues from a broad perspective and help network and foster young researchers.

In Session 1, speakers focused on the current conditions of and recent changes in coastal ecosystems, while in Session 2, speakers dealt with the issue of marine plastics and nutrient, regarding which public awareness has been increasing. In the subsequent panel discussion, speakers and students from Amagasaki Oda High School and Kobe University Graduate Schools engaged in heated discussions and exchanged questions and answers.

Hoping that this seminar would be attended by many young people, we devoted increased efforts to PR activities targeting high schools and universities, thereby drawing many young attendees, including high school and university students. This seminar served as a valuable opportunity for young researchers to present their research findings and to form networks and for the International EMECS Center to share information about its activities with the attendees.



### [Seminar outline]

#### ■ Date & Time

13:00 – 17:00, (Saturday) 22 February, 2020

#### ■ Venue

Takigawa Memorial Hall, Kobe University

#### ■ Program

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

##### Coordinator

Prof. Hiroshi Kawai (Kobe University Research Center for Inland Sea)

##### Lecturers

Dr. Thomas Therriault

(Research Scientist of Fisheries and Oceans Canada)

Dr. Toshifumi Minamoto

(Kobe University Graduate School of Human Development and Environment)

Dr. Takuya Sato

(Kobe University Graduate School of Science)

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

##### Coordinator

Prof. Hideo Okamura (Kobe University Research Center for Inland Seas)

##### Lecturers

Prof. Kevin Thomas (University of Queensland, Brisbane, Australia)

Dr. Shuhei Tanaka

(Kyoto University Graduate School of Global Environmental Studies)

Dr. Satoshi Asaoka

(Kobe University Research Center for Inland Seas)

### Panel discussion

In addition to the lecturers of the session 1 & 2, two students of Amagasaki Oda Senior High School and a graduate student of Kobe University attended.

#### ■ Organizers

International EMECS Center

Asia-Pacific Network for Global Research Change

Kobe University Research Center for Inland Seas

#### ■ Number of participants

81 people

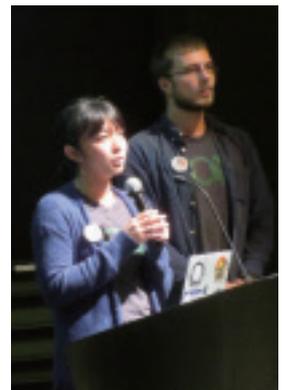
# Report on “Satoumi Conference in Onna Village 2019”

On Saturday, December 7, 2019, the Satoumi Conference in Onna Village 2019: “From Satoumi in Okinawa—Aiming to Be the Most Coral-Friendly Island in the World” was held under the themes “Co-creating the value of Satoumi” and “Nurturing Satoumi vitalizing Okinawa’s characteristics,” at the Okinawa Institute of Science and Technology Graduate University (OIST). On the 20th anniversary of the advocacy of the concept “Satoumi” by Professor Emeritus Tetsuo Yanagi of Kyushu University, and a director of the International EMECS Center, the Conference was held in Onna Village, Okinawa Prefecture, which, since its Coral Village Declaration in April 2018, has been engaged in creating Satoumi through cooperation between the local fisheries cooperative, processors, consumer cooperative, municipal government, and communities. Despite the rough weather, about 180 people attended the Conference.

The Conference opened with welcoming remarks by Onna Village Mayor Yoshimi Nagahama, followed by opening remarks by Dr. Osamu Matsuda, Vice-chair of the Board of Directors, International EMECS Center, and Board Chairman of the Satoumi Research Institute. Lasting from 9:30 a.m. to 6 p.m., the long conference was divided into two parts. The entire Conference comprised three keynote addresses and seven case reports from different perspectives unique to the cases, as well as active exchanges of opinions at two panel discussions, each of which concluded each part. The Conference provided a very valuable opportunity for both the audience and speakers to discuss Satoumi.



In Part 1: “Nurturing Satoumi as Marine Education,” four cases were reported. Among them, an especially interesting presentation was one titled “Science Outreach for Community Engagement by OIST” given by the ECO Club (in which “ECO” stands for Environmentally Conscious OISTers) and the University Marine Initiative (UMI), to which two OIST students, Ms. Maki Thomas and Mr. Otis Brunner, belong. Their clear and thorough presentation embodied young people’s serious efforts to fulfill a future environmental vision in academia, enabling the audience to find the young generation very reliable.



Part 2: “Imagining Ideal Co-creation from the Satoumi in Okinawa” included a report on the Onna Village Fisheries Cooperative’s initiatives and a keynote address titled “The history, Current Situation, and Issues of Okinawa’s Satoumi” by Dr. Shinichiro Kakuma, the lead editor of the book *Satoumi-gaku no susume: Hito to umi tonon aratana-kakawari* (lit. “Invitation to Satoumi Studies: A New Relationship between People and the Oceans”). Onna Village Mayor Nagahama made some comments summarizing the Conference, and Mr. Akihiro Dazai, Representative Director of the Center for Sustainable Society in Minamisanriku Town, Miyagi Prefecture, shared information about the next Satoumi Conference to be held in Minamisanriku Town in 2020. The Conference in Onna Village finished successfully with closing remarks by Mr. Katsuhiko Haruna, Executive Director of the International EMECS Center. All of us at the International EMECS Center look forward to the next Satoumi Conference.



## Prof. Osamu Matsuda, Vice-chair of the Board of Directors, International EMECS Center, Receives Academia Prize from Academic Society of Japan

Prof. Osamu Matsuda, Vice-chair of the Board of Directors, International EMECS Center, received the Academia Prize from the Academic Society of Japan in recognition of his outstanding achievements that have contributed to regional revitalization and the creation of a sustainable circular society based on the concept of "Satoumi." On February 7, 2020, an award ceremony and commemorative lecture were held at Yomeiden Hall, Miyako Hotel Kyoto Hachijo.



The Academic Society of Japan explains the reasons for awarding him the Prize as follows: "Prof. Osamu Matsuda has conducted research on the material cycle and environmental conservation of the Seto Inland Sea and promoted the concept of "Satoumi" as "environmentally rich seas" maintained through community-based initiatives and practical activities for creating Satoumi in Japan, contributing immensely to regional promotion and the creation of a sustainable circular society. He has also striven to globally disseminate the concept of "Satoumi" and the coastal management method based on traditional Japanese culture. He has thus accomplished great achievements that deserve the Prize." In the same statement, the Academic Society of Japan also gives special mention to his global initiative to create Satoumi as follows: "The International EMECS Center, where Prof. Matsuda currently serves as Vice-chair of the Board of Directors, has also played an important role in his energetic activities, including giving Satoumi-focused lectures and seminars around the world.

With the abbreviation for "Environmental Management of Enclosed Coastal Seas" in its name, the International EMECS Center has promoted environmental management of enclosed coastal seas around the world and built human networks for that purpose, and has devoted focused efforts to disseminate the concept and practice of Satoumi. The EMECS Conference, held in various places in the world once every two-plus years, has often held sessions dedicated to Satoumi, where Prof. Matsuda has given important presentations for many years. He has also used many other occasions, including international conferences organized by the Estuarine & Coastal Sciences Association (ECSA), Mediterranean Coastal Foundation (MEDCOAST), Partnerships in Environmental Management for the Seas of East Asia (PEMSEA), United Nations Environment Programme (UNEP), World BOSAI Forum, Japan International Cooperation Agency (JICA) and other organizations, share the concept and practice of Satoumi with the world, resulting in many international conferences with Satoumi as an agenda item."

The Academic Society of Japan's statement also highly rates the activities of the International EMECS Center as follows: "A special training course on the environmental management of coastal seas offered to young specialists from abroad jointly by JICA and the International EMECS Center has long been led by Prof. Matsuda, who has striven to foster many international human resources by providing a wide variety of training programs on coastal environmental management mainly in the Seto Inland Sea and Satoumi. Overseas practical Satoumi activities in which he has been involved include promoting material cycle-based aquaculture using a mangrove forest in Thailand and creating a Mexican equivalent of Satoumi in collaboration with fishing people and other local residents around the Bay of La Paz in Mexico."



**Official Facebook page of the International EMECS Center has been launched !**

On the International EMECS Center's Facebook page, we will provide information on our activities etc. more frequently than our website. Interesting, valuable and updated information will be posted on here, so please access our page via the QR code or the following URL.

<https://www.facebook.com/emecs1990/>

**Very welcome for following and "Liking" us!**



## Introduction of newly appointed researchers

Here are the introductions of two researchers who have worked at the International EMECS Center since November 2019.

### Yasuto Yamamoto, Researcher

I am Yasuto Yamamoto. I have been appointed to work at the International EMECS Center as a researcher.

① **Birthplace:** Kimino Town, Wakayama Prefecture Although my birthplace is a rural town deep in the mountains, its prominent feature is a beautiful starry sky. ② **Senior High school:** Chiben Gakuen Wakayama Senior High School While the high school is famous for its strong baseball club, regrettably I myself was not a baseball club member, but I went to Koshien Stadium every time the baseball club competed in the High School Baseball Championship. My strongest memory of the stadium was when I was a third-year student: I saw Ms. Saki Aibu—who is an actress now—up close, among the female high school students cheering on their school's baseball team. ③ **University:** School of Science, Hokkaido University → Graduate School of Environmental Science, Hokkaido University As an undergraduate student, I majored in earth science at the School of Science and mainly learned about oceans, the atmosphere, and geological features. I also dedicated a lot of time to student council activities in my student dormitory. During the holidays between semesters, I often traveled in Japan (mainly in Hokkaido) and in Southeast Asian countries. In the master's course, I studied how to reproduce past environmental changes using biomarkers of bacteria and archaea found in the sediment of Beppu Bay and the soil of the Kuju Mountains. ④ **Previous job:** Engineer at a manufacturer I worked at a plant of a paint manufacturer based in Tochigi Prefecture for about seven years. I was mainly engaged in developing and improving anticorrosion coatings for steel structures at users' requests. ⑤ **Aspirations behind the decision to work at the International EMECS Center** Hoping to perform work related to natural science, I decided to work at the International EMECS Center. Since I understand that researchers at the Center have greater discretion about what they do, I will work carrying out a good cycle of taking action and thinking on my own initiative. ⑥ **Interest** I have long been interested in Big History and historical matters. That's why I studied past climate change at university. I also love reading historical novels and have read most of the novels of Ryotaro Shiba. My favorite book is Shinsengumi Keppuroku, a novel by Shiba. ⑦ **Recent hobbies** I have enjoyed walking since I was a child, so I'm happy there are many mountains allowing for pleasant hikes around in Kobe City, where I currently live. Kobe is also near to the sea, so after it becomes warmer, I hope to go ocean fishing, which I have not recently had the opportunity to do.



### Yukiko Nakayama, Researcher

I recently joined the International EMECS Center as a researcher. I am currently engaged in research on overseas coastal management programs and international trends in ocean-related science, technology and policies.

I am from Kobe and graduated from Keio University. After that, I studied in the U.S. and then enrolled in Waseda Business School, where I studied sustainable development. I also interned at the United Nations Industrial Development Organization's Investment and Technology Promotion Office, Tokyo (UNIDO ITPO Tokyo).

After working as a researcher of the only Wakayama-based think tank for the FY2012 Subsidized Project for Survey on the Geothermal Resource Exploration (in the Hongu area, Tanabe City), I served in Vietnam as a project officer of a Kobe-based NGO, being involved in the FY2013 grant-aid project: Capacity Building for Disaster Risk Reduction at Schools and Communities in the Coastal Area of Quangnam Province. Then, at the Research Institute of Innovation Technology for the Earth (RITE), I worked as a researcher of the secretariat of Working Group III of the Intergovernmental Panel on Climate Change (IPCC) to conduct the Survey on International Trends Concerning the Global Warming Issue—On Scientific Bases for Policies on Initiatives to Mitigate Global Warming—(FY2015 and FY2016), and attended the 42nd and 43rd Sessions of the IPCC.

An important event in recent international trends concerning marine environments was the adoption of the Sustainable Development Goals (SDGs) in 2015, including SDG 14 of conserving and sustainably using the oceans and marine resources. In addition, the Paris Agreement, adopted at the 21st Conference of the Parties of the UN Framework Convention on Climate Change (COP 21), represented the turning point for recognition of the importance of the oceans in climate policies and relevant international negotiations, evidenced by the "Because the Ocean" Declaration. Moreover, the United Nations Ocean Conference was held in 2017 as the first UN conference on ocean sustainability (Gallo, N. et al., 2017). The COP 25, held in Madrid last year, expressed its recognition of the importance of the oceans for the first time in the COP Decision. This year, a dialogue will be held on the oceans and climate change, and the Implementation Plan for the UN Decade of Ocean Science for Sustainable Development will be approved in preparation for the kickoff of the decade next year.

Against the backdrop of such international trends, I hope to take advantage of my academic and working experiences to contribute to research on sustainable coastal management and ocean science and policies, and the achievement of SDG 14, to which the International EMECS Center is voluntarily committed. I look forward to working together with you



## Report on EMECS International Seminar

### ~ How should sustainable estuarine and marine ecosystems be evaluated? ~

To discuss how the sustainability of estuarine and marine ecosystems around the world should be evaluated and to introduce the current condition of and countermeasures against emerging issues, such as ocean acidification and microplastics, to a wide range of people, the EMECS International Seminar was held in Lasse Hall, Kobe, on Wednesday, July 17. Under the theme “How should sustainable estuarine and marine ecosystems be evaluated?” the seminar attracted about 140 attendees.

The seminar comprised five lectures and a session titled “Invitation to the EMECS13–ECSA58 Conference,” to be held in Kingston upon Hull, England, in September 2020.

Lecture 1, titled “Impact of nutrient load reduction on coastal marine ecosystem: data analysis and field experiments in the eastern Sato Sea,” was given by Professor Emeritus Tateki Fujiwara, Kyoto University. He explained that data analysis and on-site cultivation experiments conducted to evaluate the impact of reducing the nutrient load on marine ecosystems and bioproductivity have confirmed for the first time that oligotrophication causes organic matter to become persistent and thereby reduces the transfer of nutrients by the detritus food web and diminishes regenerated production.

Lecture 2, titled “Evaluating progress toward sustainable marine and coastal ecosystems—including the challenges of climate change and marine debris,” was delivered by Chief of Staff David Nemazie and Senior Research Scientist Robert Summers, both from the University of Maryland Center for Environmental Science (U.S.A.). They reported that the Clean Water Act “Trash TMDL” (Total Maximum Daily Load) in the Baltimore-Washington metropolitan area was driving increased efforts by the city of Baltimore, Maryland and other local governments to measure, control and reduce the contribution of plastic generation and waste to this worldwide problem.

Lecture 3, titled “A system analysis approach to the sustainable and integrated management of marine areas,” was presented by Professor Michael Elliott, University of Hull (UK). He emphasized that the successful and sustainable management of marine areas required that many elements be combined—collectively referred to as the “10 tenets of sustainable management” —and that these require that our actions be: *Ecologically sustainable*,



*Technologically feasible, Economically viable, Socially desirable/tolerable, Legally permissive, and so forth.*

Lecture 4, titled “China’s estuaries: concerns toward more resilient and sustainable?” was given by Professor Zhongyuan Chen, East China Normal University (China). He reported that, in China, additional nutrients deriving from coastal aquacultural activities, such as intensifying unregulated cultivation of fish, shellfish and crabs in the estuarine water, seemed to have acidified the estuarine water, and that the recent draft of the Law of the Yangtze River (Changjiang) was being discussed through hearings at various administrative levels via both bottom-up and top-down approaches, to harmonize the economy and sustainable human society.

Finally, Professor Eric Wolanski of James Cook University, Australia delivered Lecture 5, titled “How should marine ecosystem management be evaluated for sustainability?” He explained that there is only one big idea in estuarine and coastal management: how to maintain and protect the ecological structure and functioning while at the same time allowing the system to produce sustainable ecosystem services from which we derive societal benefits. Professor Wolanski also discussed the meaning of “ecohydrology” and showed several case studies dealing with management.

With all lectures discussing problems in marine and estuarine environments and future visions for conservation and management, this seminar provided us with a very valuable opportunity to consider this theme.

# Outcomes of EMECS Overseas Activities

## Report on participation in Partnership Council Meeting of PEMSEA

Osamu Matsuda

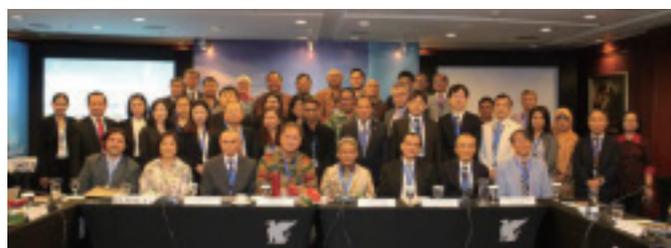
Professor Emeritus, Hiroshima University  
Vice-chair, Board of Directors, International EMECS Center

I attended the annual East Asian Seas (EAS) Partnership Council Meeting held in Surabaya, Indonesia, from July 24 to 26, 2019. The meeting was organized by the Partnerships in Environmental Management for the Seas of East Asia (PEMSEA), of which the International EMECS Center is a non-country partner.

The meeting included the election of new PEMSEA executives; an operational report from the PEMSEA secretariat, including a report on the latest East Asian Seas (EAS) Congress held in 2018, an explanation of the future plan beyond 2020, an announcement of the next EAS Congress to be held in Cambodia in 2021, opinion statements from partner organizations, and information sharing. The election of Dr. Keita Furukawa, a member of the Scientific & Policy Committee of the International EMECS Center (Chief Trustee of the Association for Shore Environment Creation, and Special Researcher at the Ocean Policy Research Institute), as a Co-chair of the Technical Session is expected to help us strengthen our collaboration with PEMSEA.

In addition, PEMSEA partner organizations reported their activities. I reported the history of the International EMECS Center and its activities, such as the EMECS Conference, using a PowerPoint material titled "Brief Introduction to EMECS Activities" and the International EMECS Center's pamphlet distributed to the attendees.

On the final day of the meeting, I participated in field trips to the Public Service Center, the Recycling Center, a mangrove forest and other places in Surabaya, learning much about environmental conservation and management in Surabaya.



## Report on Participation in MEDCOAST 19

Tetsuo Yanagi

Professor Emeritus, Kyushu University  
Member of the Scientific & Policy Committee,  
International EMECS Center

Representing the International EMECS Center together with Professor Takeshi Hidaka, Kindai University, I attended MEDCOAST 19, the International MEDCOAST Congress on Coastal and Marine Sciences, Engineering, Management and Conservation, held in Marmaris, Turkey, from October 22 to 26, 2019, by the Mediterranean Coastal Foundation (MEDCOAST).

The session "ICM and Satoumi" on the first day of the congress began with my presentation titled "Satoumi and ICM," which attracted a question from the audience as to what labor is devoted to seaweed beds in Satoumi. Next, Professor Hidaka spoke on the topic of how to foster collaboration between Satoumi communities, drawing a comment from an attendee: "The UK coastal conservation laws include provisions that require coastal communities to collaborate in implementing measures to solve the drift sand issue. I believe they may be a helpful reference."

After that, a French social scientist reported on the formulation and implementation of the Mediterranean ocean strategy general guidelines, and a Japanese researcher gave a presentation on comparison between the East Asian and Mediterranean systems for ocean environmental conservation and management, mentioning that, while the Mediterranean area has a treaty that each country must observe, East Asia has only recommendations.

The congress included sessions dedicated to various themes, poster sessions, and the introduction of Turkish culture, as well as a field trip on the final day to a primeval wild delta in Dalyan, located to the east of Marmaris. During the field trip, I was deeply impressed by the estuary that was being reclaimed.



## Call for Articles

Contributions from readers (reports of research on enclosed coastal seas, conference information, etc) would be greatly appreciated.

### International EMECS Center

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