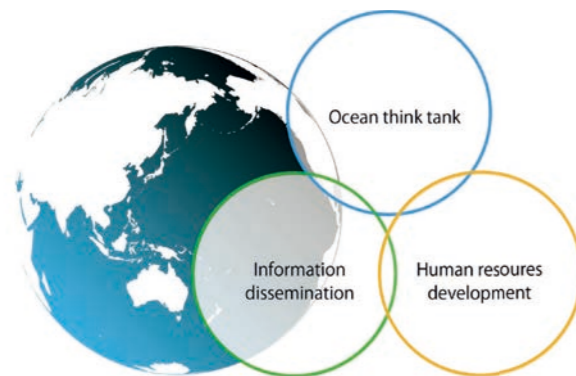


# UTokyoOcean Alliance Participating Divisions

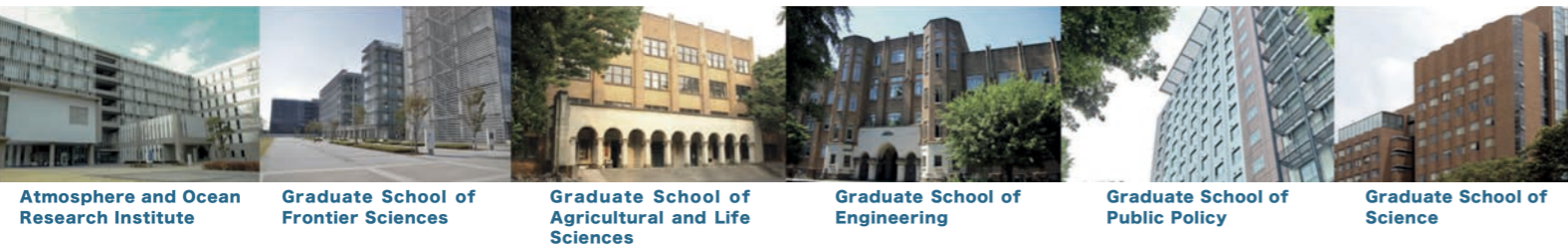
*Ocean Alliance works with seven graduate schools, five research institutes, and one research center to implement activities related to information dissemination, ocean think tank, and human resources development.*



Japan as a maritime nation contributing to the world's oceans

### Ocean Alliance Collaborative Research Organization

- Asian Research Center for Bioresource and Environmental Sciences
- Atmosphere and Ocean Research Institute
- Historiographical Institute
- Institute of Industrial Science
- Institute for Advanced Studies on Asia
- Earthquake Research Institute
- Graduate School of Public Policy
- Graduate School of Frontier Sciences
- Graduate School of Agriculture and Life Sciences
- Graduate School of Engineering
- Graduate School of Science
- Graduate School of Arts and Sciences
- Graduate School of Education



# Overseas Internship Project

for International Marine Human Resource

Marine Affairs Basic Program  
Ocean Alliance  
The University of Tokyo

Ocean Alliance Collaborative Research Organization Secretariat  
5-1-5 Kashiwanoha, Kashiwa-shi, Chiba, 277-8564 JAPAN

Tel : +81-4-7136-6416  
E-mail : [education@oa.u-tokyo.ac.jp](mailto:education@oa.u-tokyo.ac.jp) URL : <http://www.oa.u-tokyo.ac.jp/>

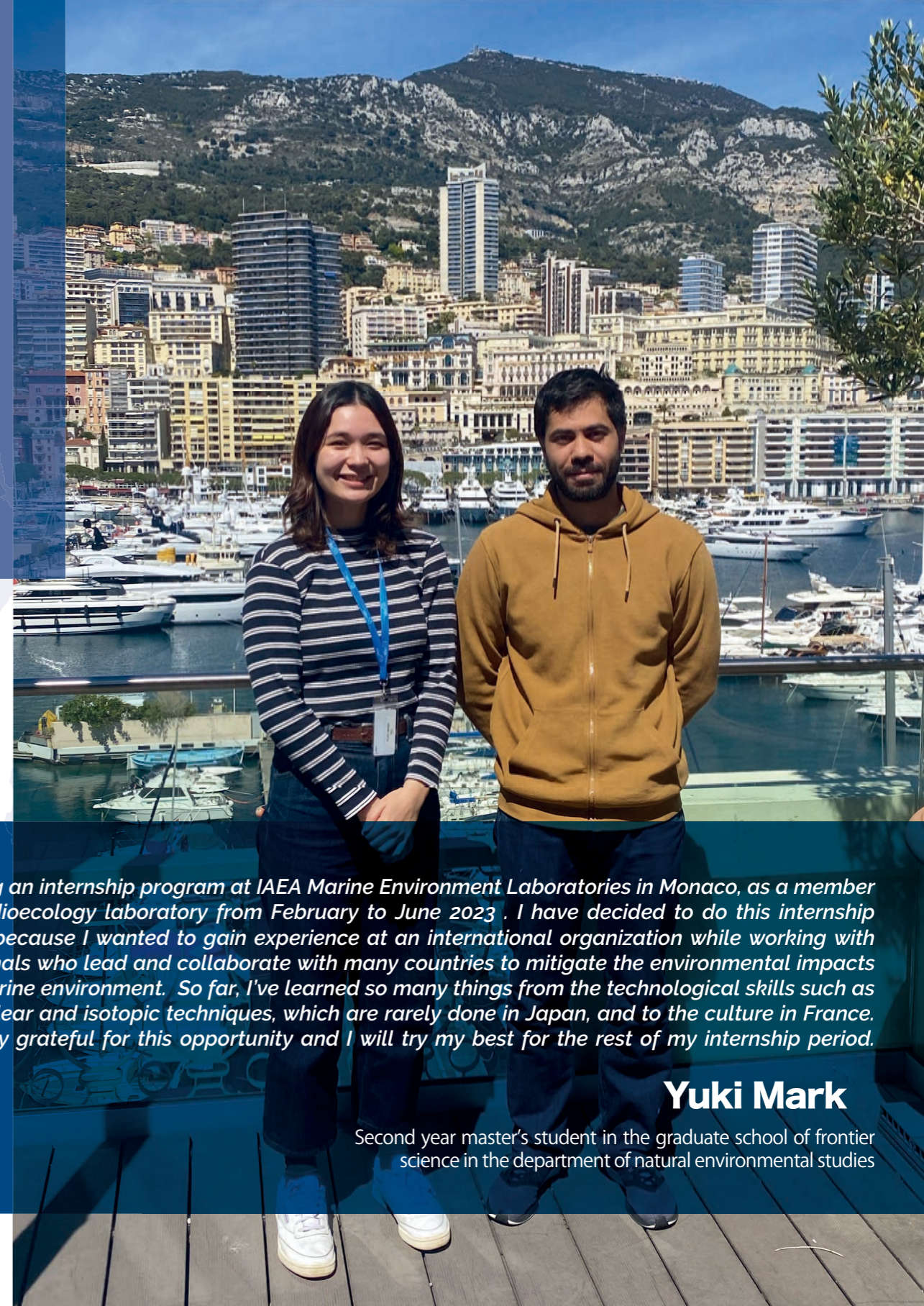
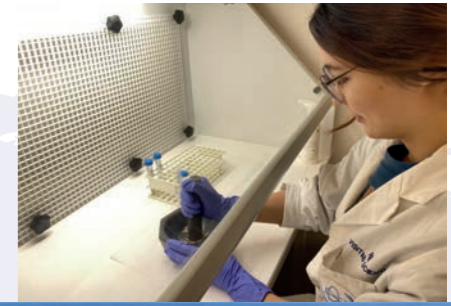
This document is current as of March 2023. Subject to change without notice.

# For International Marine Human Resource

## Overseas Internship Project Concept

The University of Tokyo established an interdepartmental organization called Ocean Alliance on July 3, 2007 to investigate interdisciplinary scientific problems related to marine affairs. The Ocean Alliance activities include three project studies under the Marine Affairs Basic Program established in 2014. One project "Overseas Internship Project for Development of International Marine Human Resources" aims at forming an effective mechanism, a network, for developing human resources that possess a high level of expertise in marine affairs and that show leadership in international organizations and in other global arenas.

In this project, graduate students are sent to international organizations and research institutions for two to three months with financial support from the Nippon Foundation. The project is expected to contribute to encouraging students to work in these organizations and societies, which are all related to the oceans in one way or another: oceanography and fisheries, and others such as maritime matters. This project is deeply connected with the Interdisciplinary Education Program on Ocean Science and Policy education program started in 2009. More than 50 students enroll every year, and interns are selected mainly from the program students.



*I am doing an internship program at IAEA Marine Environment Laboratories in Monaco, as a member of the radioecology laboratory from February to June 2023. I have decided to do this internship program because I wanted to gain experience at an international organization while working with professionals who lead and collaborate with many countries to mitigate the environmental impacts on the marine environment. So far, I've learned so many things from the technological skills such as using nuclear and isotopic techniques, which are rarely done in Japan, and to the culture in France. I am really grateful for this opportunity and I will try my best for the rest of my internship period.*

**Yuki Mark**

Second year master's student in the graduate school of frontier science in the department of natural environmental studies

# Collaboration among International Organizations

Ten organizations collaborate in accepting our students as interns. Ocean Alliance supports all or part of the associated airfares and living expenses in such cases.

International organizations to which students were sent.

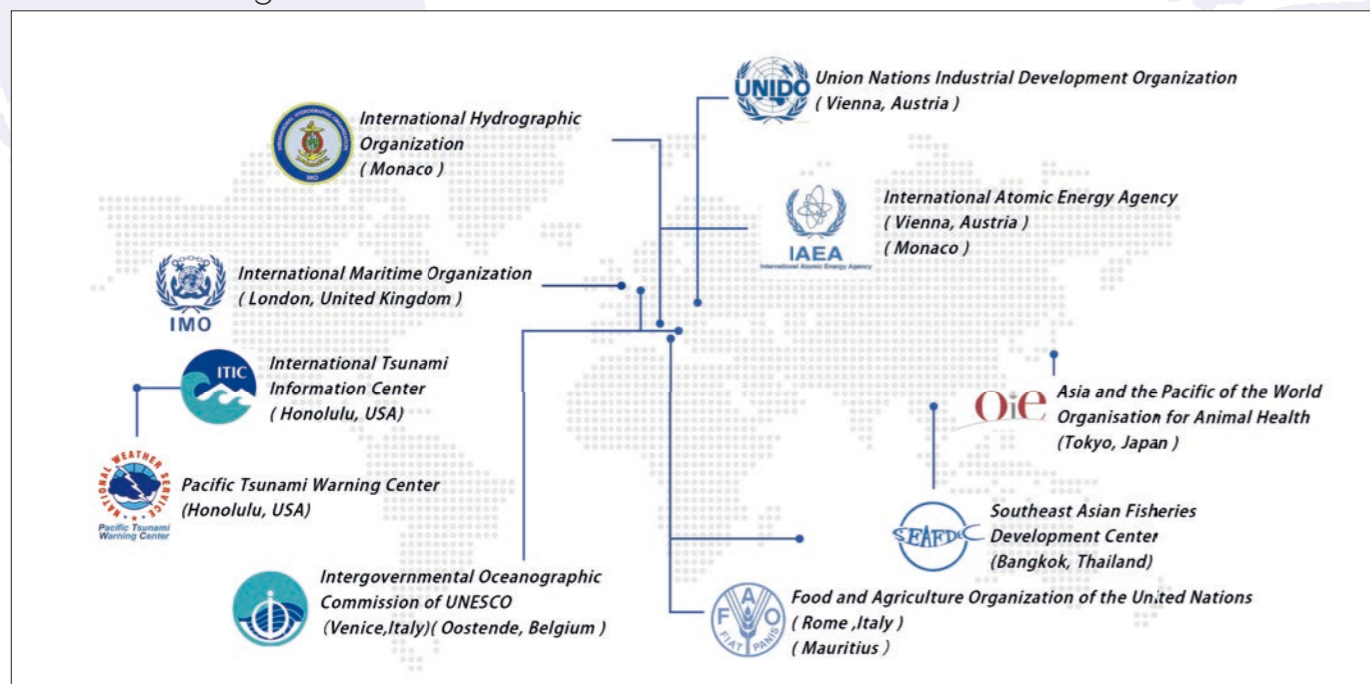


Table 1 Number of students sent to organizations from fiscal year 2014 to fiscal year 2022

Organization		Number of student / year									
		2014	2015	2016	2017	2018	2019	2020	2021	2022	
Food and Agriculture Organization of the United Nations	FAO	2	1	1	-	2	-	1	-	-	
International hydrographic Organization	IHO	1	-	-	-	-	1	-	-	2	
Pacific Tsunami Warning Center Development Center	PTWC	1	-	-	-	-	1	-	-	-	
International Tsunami Information Center	ITIC	1	1	-	1	-	-	-	-	-	
International Maritime Organization	IMO	-	1	-	2	-	1	-	-	-	
Southeast Asian Fisheries Development Organization	SEAFDEC	-	2	1	2	-	-	-	-	-	
United Nations Industrial Development Organization	UNIDO	-	1	4	5	3	1	-	-	1*	
International Atomic Energy Agency	IAEA	-	-	2	2	-	-	-	-	2	
Intergovernmental Oceanographic Commission of UNESCO	UNESCO/IOC	-	-	2	-	1	-	-	-	-	
Asia and Pacific of the World Organisation for Animal Health	OIE	-	-	-	-	-	-	1*	-	-	
Organizations of students' choice		1	1	2	2	0	0	0	0	0	
<b>Total</b>		<b>6</b>	<b>7</b>	<b>12</b>	<b>14</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>5</b>	

\*Participated internship as volunteer

# Ocean Network

Ocean Alliance has strived to forge deep connections by publicizing the results of student internships through symposiums and by constructing a network with international organizations and research institutions through holding lecture meetings.

## 1 Symposiums

Representative students make presentations in an Ocean Alliance symposium held in July every year.

## 2 Lecture meetings

Members of the international organizations and research institutions that accept students as interns are invited to attend lecture meetings that the Ocean Alliance hosts in an effort to form networks in fields related to ocean research. A secondary aim of the meetings is to encourage students to become interested in working in international organizations in their future careers.



Symposium and lecture meeting held at University of Tokyo.

# Introduction of the internationalization subject

Domestic internship programs have been conducted since fiscal year 2009 in the Interdisciplinary Education Program on Ocean Science and Policy. The name of the subject is "Practice in internship for ocean law and ocean policy". Students are mainly sent to the Ministry of Land, Infrastructure and Transport, Japan Fisheries Research and Education Agency, and Northwest Pacific Region Environmental Cooperation Center (NPEC) for two to four weeks in principle. We send some 15 to 20 students every year shown in Table 2, and they can obtain 2 credits by participating in internship and submitting a prescribed report. Students can also participate in an internship operated by the ministries, agencies, and related organizations which make policy. The internship program has proved effective in establishing career paths for graduate students whose majors are ocean-related. (Yamamoto and Kimura, Journal of Japan Society of Ocean Policy, 2016 (in Japanese)).

Table 2 Change in the number of participants for the education program and the domestic internships.

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Registrants for Interdisciplinary Education Program on Ocean Science and Policy	81	75	686	90	66	58	49	79	64	55	47	73	56	49
Trainees for Practice in Internship for Ocean Law and Ocean Policy	21	17	18	24	23	23	16	14	16	10	15	7	9	6

Because the purpose of the overseas internship project is the same as that of domestic internships in terms of students' career paths in the future, Ocean Alliance operates both internships integrally. Therefore, the students who participate in overseas internship earn the 2 credits of "Practice in internship for ocean law and ocean policy".

# Education Effects

Through internships, students gain valuable experience that will promote their research and will be instrumental in determining their future career paths. In particular, the following two items are major features of this overseas internship project.



1

## Practical experience on the international stage

Students can engage in actual projects related to their own research (business practice), and promote their master or doctor theses (promotion of own studies). They can also discuss issues with members of these organizations.

2

## Forming human networks

Students can communicate directly with members of the organizations and interns from other countries.

### Internship Topics Examples

Organization	Fiscal Year	Topics
FAO	2015	Mapping shark species distribution
FAO	2016	Rural nutrition in Antsirabe, Madagacal field word preparation
FAO	2018	Analysis of the trade in tuna distribution
UNESCO/IOC	2016	Suggested improvements in Arctic literacy frameworks and products
IAEA	2017	Development and Maintenance of Marine Information System(MARiS) and Global Marine Radioactivity Database (GLOMAR)
IHO	2014	Improving monitoring and evaluation of IHB Capacity Building Programmed
IMO	2017	Project concerning IMO's mandate on maritime security matter and training package on civil liability in IMO Conventions
ITIC	2014	ITIC Internship contributes to new proposal for enhancing tsunami education system in Japan
SEADEC	2016	Community-based resources management/co-management facilities information gathering on fisheries activities
SEADEC	2017	CBRM Project -Community- Based Resource Management
UNIDO	2016	Complying with standards and technical regulations: Critical factors in exporting fishery products to Japan
UNIDO	2016	Assessing artisanalfish processing with in a sea cluster development approach to identify best management modalities
UNIDO	2017	Researched information needed for future project in Africa in collaboration with Japanese government
UNIDO	2019 2020	Study on compatibility between biodiversity conservation and Indonesia's fisheries exports (SMART-Fish Indonesia)

