

# Transdisciplinary Summer School

## on the Environment

Faculty of Environmental Science, Nagasaki University

### About Summer School

Transdisciplinary summer school on the environment provides unique opportunities for undergraduate students who wish to acquire knowledge and skills on environmental management and science for environmental conservation. Summer school consists of one-month internship and two-week International Environmental Expert Seminar at the Faculty of Environmental Science, Nagasaki University, Nagasaki Japan.

### Internship

July 21-August 17

Summer internship opportunity is hosted by our faculty members. A wide-range of laboratories from social science to natural science is available depending on students' interests. Laboratory work includes analytical/green chemistry, toxicology, solid waste, physiology, bioengineering, geology, phycology, conservation ecology, environmental law, economics, sociology, international relations, management and planning. Please visit our web site <http://www.env.nagasaki-u.ac.jp/english/> for options available in our faculty during the summer.

### International Environmental Expert Seminar

August 18-30

International Environmental Expert Seminar (IEES) provides lectures on Japanese environmental policies and management as well as on science and technology on important environmental issues in Japan and Asia. Students participate in lectures on both social and natural sciences, field trips, group discussions, student presentations and social events. By completing the course, you can earn 2 credits. Possible to take internship concurrently with IEES.

### Environmental Policy, Science and Technology in Japan

August	17 Thur	18 Fri	19 Sat	21 Mon	22 Tue	23 Wed
9:20~10:35	Arrival	10:00 Opening Ceremony Orientation Rm 242	8:20 Field Visit Unzen Geopark Obama Binary Power Station  (Kodo Umakoshi) & (Takashi Watanabe)  Env.Science Entrance	Global environmental issues and policy (Kenichi Matsumoto) Rm 242	Global social change and open data Bring your laptop! (Hidemichi Fujii) Rm 242	Dynamics of nutrients in the ocean (Yoshiko Kondo) Rm 242
10:45~12:00		11:00 Campus Tour 11:30~12:30 Welcome Lunch		Climate and its variability in Japan (Kazuaki Kawamoto) Rm 242	Effects of air pollutants on plants (Masahiro Yamaguchi) Rm 242	Issues and challenges for sustainable fisheries (Yoshiki Matsushita) Rm 242
13:00~17:00		History and Culture of Nagasaki Atomic Bomb Museum (Kiyoshi Toda) Env.Science Entrance		Free Group Discussion Rm 242	Company visit Mitsubishi Heavy Industries (MHI) Nagasaki Shipyard (Takayuki Takeshita) Env.Science Entrance	History of Nagasaki II Nagasaki Museum of History & Culture (Takayuki Miyashita) Env.Science Entrance
	24 Thur	25 Fri	26 Sat	27 Mon	29 Tue	30 Wed
9:20~10:35	Forest taxation in Japan (Takahiro Ota) Rm 242	Biodiversity-based ecosystem management (Ken Sugimura) Rm 242	Free	The economics of biodiversity and ecosystem services (Kentaro Yoshida) Rm 242	Disaster risk governance framework and its implementation (Mamoru Yoshida) Rm 242	Group Presentation
10:45~12:00	Water environment and its management activities in Japan (Makoto Kagabu) Rm 242	The significance of species interactions (Mitsuru Hattori) Rm 242		Impacts of global warming on ecosystems in lakes (Hiroyuki Takasu) Rm 242	Ecotoxicology of anthropogenic chemicals (Jiro Okada) Rm 242	Closing Ceremony Rm 242
13:00~17:00	Preparation for Presentation	Preparation for Presentation		Preparation for Presentation	Preparation for Presentation	Farewell Party Univ.Coop 1F 18:00-





# Message



## Come and learn environmental policy and technology in Japan

Dean, Kimihiro Yamashita

Faculty of Environmental Science was established in 1997 to solve emerging global and regional environmental problems. Our education and research aim is to train prospective students as environmental professionals in an interdisciplinary environment to serve for the benefit of the global society. We welcome all of you to Nagasaki University to share this excellent opportunity during this summer.

### Make many new friend from all over the globe!

Jake Wallace, Deakin University, Australia,  
Participant in 2016 Summer School

Over the two week summer period I was introduced to many new friends from all over the globe. The professional and incredibly supportive lecturers and students were very helpful and provided an eye-opening perspective on international environmental issues that I was not previously aware of. I am eternally grateful for the opportunity that Nagasaki University provided for me and the other students to take part in this unique and enthralling experience.

### Broad variety of lectures!

Sara Nyberg, Lund University, Sweden,  
Participant in 2016 Summer School

The Summer School was really great! I liked the broad variety of lectures within different fields on the environment and appreciated the excursions a lot. It was a good combination of learning more about the environment and the Japanese culture. I found it very interesting to go deeper into a chosen area in the group project and found a lot of new friends from Japan and the other participating countries.

### Learned a lot of knowledge of environment!

Koumi Kimoto, Nagasaki University, Japan,  
Participant in 2016 Summer School

I spent a wonderful time in this seminar and learned a lot of knowledge of environment with exchange students. Especially the presentation I worked with the group was very excellent!! I enjoyed talking about environment with foreign students. I had great time with them going field trip and having a barbecue party.



Summer school activities

## How to apply

Please contact International Exchange Office of your university. Students from universities holding MOU with Nagasaki University are waived from tuition and fees. Participants are responsible for their cost of travel and accommodation. Limited scholarship is available.

## Enquiries

International Exchange Committee  
Faculty of Environmental Science  
Nagasaki University  
1-14 Bunkyo-machi, Nagasaki  
852-8521 Japan  
Tel: +81 (95) 819-2713  
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Web site: <http://www.env.nagasaki-u.ac.jp/english/>

## Access to Nagasaki University



From Fukuoka International Airport  
2 hours by highway express bus to Nagasaki

From Nagasaki Airport  
50 minutes by limousine bus via Showamachi

From Nagasaki Station  
20 minutes by tram #1, #2 & #3 towards Akasaka



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