



国立大学法人  
長崎大学  
NAGASAKI UNIVERSITY

2016

# 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 30

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/> for options available in our faculty during the summer.

### International Environmental Expert Seminar

August 17-30

Expert Seminar 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 Wed	18 Thur	19 Fri	20 Sat	22 Mon	23 Tue
9:20~10:35	Opening Ceremony Orientation	Shinto: Idea of Gods and Nature Seiko Goto	Forest taxation in Japan Takahiro Ota	Field Visit	Environmentally-Friendly Urban Policies in Japan Kensuke Katayama	History of Environmental Policies in Japan Hirohiko Nishikubo
10:45~12:00	Campus Tour	Climate and its Variability in Japan Kazuaki Kawamoto	Effects of Air Pollutants on Plants Noriyuki Yamaguchi	Unzen Geopark Obama Binary Power Station	Fermentation Technology and Environmental Biotechnology in Japan Hideki Nakayama	Water Environment and its Management Activities in Japan Makoto Kagabu
13:00~17:00	History and Culture of Nagasaki AtomicBomb Museum Kiyoshi Toda	Group Discussion	Free	Kodo Umakoshi & Takashi Watanabe	Free	Company Visit Mitsubishi Heavy Industries (MHI) Nagasaki Shipyard Takahiro Ota
	24 Wed	25 Thur	26 Fri	27 Sat	29 Mon	30 Tue
9:20~10:35	Water Management Policy for World Water Crisis Hironori Hamasaki	Corporate Environmental Management Hidemichi Fujii	Global environmental issues and policy Kenichi Matsumoto	Free	The Economics of Biodiversity and Ecosystem Services Kentarō Yoshida	Group Presentation
10:45~12:00	Flow and Transport in Subsurface Environment Kei Nakagawa	Impacts of Global Warming on Ecosystems in Lakes Hiroyuki Takasu	Ecotoxicology of anthropogenic chemicals Jiro Okada		Cell and Molecular Biological Approach to Environmental Changes Takayuki Miyayoshi	Closing Ceremony
13:00~17:00	Group Discussion	Preparation for Presentation	Group Discussion		Preparation for Presentation	Free

Environmental Policy

Science & Technology

Field Visit





Atomic Bomb Museum  
Nagasaki Museum  
of History and Culture

## Field trips



Mitsubishi Heavy Industries,  
Nagasaki Shipyard  
\*Photo by courtesy of Mitsubishi Heavy Industries,  
Ltd. Nagasaki Shipyard.



Unzen Geopark



Obama Binary Power Plant



Meganebashi



Nagasaki Peace Park

# 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 transdisciplinary 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 wonderful friends from Japan  
and all around the world!**

Ellen Oliver, Deakin University, Australia,  
Participant in 2015 Summer School

'In August 2015 I participated in the Nagasaki University Summer School. I will never forget my amazing time in Nagasaki! I learnt so much about Japan and it's incredible culture and history, as well as learning about environmental science and policy. I also made many wonderful friends from Japan and all around the world! I would highly recommend participating in the Summer School to anyone!

**Experience so much about Japan!**

Mia Falan, Deakin University, Australia,  
Participant in 2015 Summer School

My time in Nagasaki was amazing! I was able to learn and experience so much about Japan. The program was very instructive and covered a wide array of topics from the diversity of religion and customs in Japan to bird migration and nuclear power. The lecturers and my fellow students were all wonderful and made me feel very welcome and comfortable. Thank you very much!

**Wonderful Opportunity to use English!**

Yuki Morota, Nagasaki University, Japan,  
Participant in 2015 Summer School

**It was an impressive experience for me. You can not only  
take classes in English but also meet up students from  
various countries!**



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  
E-mail: env\_international@ml.nagasaki-u.ac.jp  
Web site: <http://www.env.nagasaki-u.ac.jp/>

## 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 Urakami

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



Faculty of Environmental Science, Nagasaki University  
1-14 Bunkyo-machi, Nagasaki 852-8521 Japan  
Tel.095 (819) 2713 Fax.095 (819) 2716