

# Transdisciplinary Summer School 2020

## on the Environment

### Faculty of Environmental Science, Nagasaki University

## About Summer School

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

### Internship

July 20 – August 17

Laboratory 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 for options available in our faculty during the summer school (<http://www.env.nagasaki-u.ac.jp/english/members.html>) .

### International Environmental Expert Seminar

August 18 - 28

International Environmental Expert Seminar (IEES) provides multidisciplinary 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 natural sciences, field trips, group discussions, group presentations and social events with Nagasaki University and . By completing the course, students can earn 2 credits by Nagasaki University. Possible to take the internship concurrently with IEES.

August	17 Mon	18 Tue	19 Wed	20 Thu	21 Fri	22 Sat
9:00 – 10:30	Internship presentation	10:00 Opening Ceremony Orientation	History of environmental policy in Japan	Impact on PM2.5 of climate change, air pollution, and human health	Group Discussion	8:20
10:40 – 12:10		11:00 Campus Tour 11:30 – 12:30 Welcome Lunch	Environmentally-Friendly Urban Policies in Japan	Ecological researches on the movements of birds in Japan and East Asia		Field Visit Unzen Geopark Shimabara Peninsula
13:00 – 14:30		History of Nagasaki I Nagasaki Museum of History & Culture	Shinto: The idea of gods and nature	Green & Sustainable Chemistry		
14:40 – 16:10			Climate change and carbon pricing in Northeast Asia	Adaptation to the heat environment		

August	24 Mon	25 Tue	26 Wed	27 Thu	28 Fri	
9:00 – 12:00	Group Discussion	Group Discussion	Group Discussion	Group Discussion	Final Presentation	Environmental Policy
13:00 – 17:00	History of Nagasaki II Atomic Bomb Museum Nagasaki Peace Museum	Company Visit Mitsubishi Heavy Industries (HM) Nagasaki Shipyard		Preparation for Presentation	Farewell Party	Science & Technology
						Field Trip



Nagasaki Atomic Bomb Museum

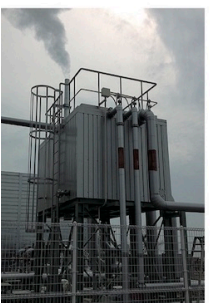
## Field trips



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



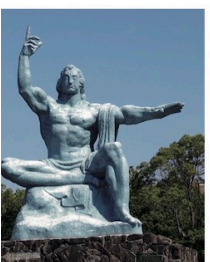
Unzen Geopark



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 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.

## I' m not the same person!

Tiare Akiko Sabellano-Tsutusi, University of Hawaii,  
Participant in 2018 Summer School

The experience with different cultures in the academic realm is incredible. From the moment I arrived in Nagasaki Prefecture until now, I' ve made leaps and bounds in my personal and educational growth.... What I can say is that I' m not the same person who first stepped off the train upon arrival in Nagasaki. There' s an immeasurable amount of benefits gained by my studying abroad at Nagasaki University that I' m still trying to become aware of. If given the chance, I would do this all again.

## I have been challenged and I have learned a lot!

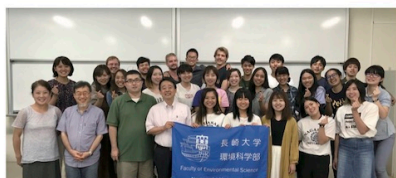
Hügo Erik Gustaf Wahlström, Lund University,  
Participant in 2018 Summer School

During my time at Nagasaki University I have taken part in the internship as well as the expert seminar weeks. Both parts of the exchange have been a new experience for me, I have been challenged and I have learned a lot. I have enjoyed the subjects, and have felt privileged to work in close quarters with the professors during both the internship and the expert seminar week.

## I made friends and friends from different countries!

Rina Nin, Nagasaki University,  
Participant in 2018 Summer School

In this short-term course of 10 days during the summer vacation, I made friends and friends from different countries and had a very happy time. ...Nagasaki is a city with a beautiful environment. From individual to enterprise, we are striving to recycle resources in order to protect the environment.



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/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 Akasako



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