

Transdisciplinary Summer School 2021 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 of one month of laboratory internship and two weeks of International Environmental Expert Seminar at the Faculty of Environmental Science, Nagasaki University, Nagasaki, Japan

Laboratory Internship

July 19 – August 16

Laboratory internship opportunities are hosted by our faculty members with expertise ranging from social science to natural science. Laboratory work includes analytical/green chemistry, toxicology, solid waste management, physiology, bioengineering, geology, phycology, conservation ecology, environmental law, economics, sociology, international relations, management and planning.

Please visit our website (<http://www.env.nagasaki-u.ac.jp/english/members.html>) for available options.

International Environmental Expert Seminar

August 17 – 27

International Environmental Expert Seminar (IEES) provides multidisciplinary lectures with topics ranging from Japanese environmental management policies to the science and technology aspects of major environmental issues in Japan and Asia. Students will participate in lectures on social and natural sciences, field trips, group discussions, group presentations and social events. By completing the course, students can earn 2 credits from Nagasaki University. It is possible to take both the Laboratory Internship and the IEES.

August	16 Mon	17 Tue	18 Wed	19 Thu	20 Fri	21 Sat
9:00 – 10:30	Internship presentation	10:00 Opening Ceremony Orientation	Companies' green business and environmental management toward SDGs (SUK, Sunhee)	Biodiversity on the Earth (IIMA, Masafumi)	Group Discussion	8:20 Field Visit Unzen Geopark Shimabara Peninsula (UMAKOSHI, Kodo & WATANABE, Takashi)
10:40 – 12:10		11:00 Campus Tour 11:30 – 12:30 Welcome Lunch	Water governance and policy instrument – from global to local perspective (HAMASAKI, Hironori)	Mass detector used in environmental microanalysis (TAKAO, Yuji)		
13:00 – 14:30		History of Nagasaki I Nagasaki Museum of History & Culture	Recent trends of heavy rainfall disasters in Japan and Asia – Preparedness and Response – (YOSHIDA, Mamoru)	Geological evolution of the Japanese Islands (MUTO, Tetsuji)		
14:40 – 16:10			History of environmental policies in Japan (WADACHI, Yoko)	SDGs focusing on material cycles and waste management (ASAKURA, Hiroshi)		

August	23 Mon	24 Tue	25 Wed	26 Thu	27 Fri	Environmental Policy
9:00 – 12:00	Group Discussion	Group Discussion	Group Discussion	Group Discussion	Final Presentation	Science & Technology
13:00 – 17:00	History of Nagasaki II OKA Masaharu Memorial Nagasaki Peace Museum & Atomic Bomb Museum (TODA, Kiyoshi)	Company Visit Mitsubishi Heavy Industries (HM) Nagasaki Shipyard		Preparation for Presentation	Farewell Party	Field Trip



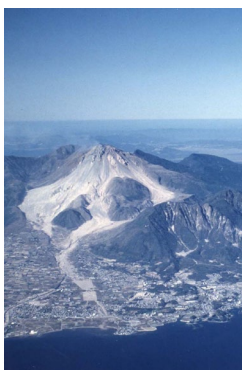
Nagasaki Atomic Bomb Museum



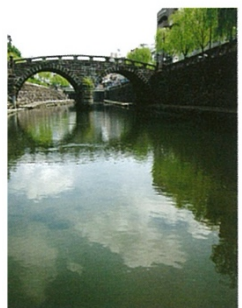
Mitsubishi Heavy Industries,
Nagasaki Shipyard
*Photo by courtesy of Mitsubishi Heavy Industries, Ltd. Nagasaki Shipyard.



Unzen Geopark



Unzen Volcano (front right: Mt. Mayu,
back left: Hetsch-shinzan)



Megane-bashi (Spectacles Bridge)



Nagasaki Peace Park

Message



Come and learn about environmental policy and technology in Japan

Dean, Prof. OKADA, Jiro

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 a 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.

2019 participants' feedback

Gained a lot of knowledge and new experiences!

Ms. SAENGTOPPO, Napaphorn
Mahidol University, Thailand

In this program, I have gained a lot of knowledge on environment and natural resources, including water management, air pollution, waste management, energy management, as well as the impact of the Atomic bomb in Nagasaki on soil, land use and human health. I hope that this project will continue in the future so that friends and younger generations can receive the same knowledge and experience as me.

Meeting and interacting with the students from different countries!

Ms. MONTANA, Felicia Marianne Elisabeth
Lund University, Sweden

It has been a great experience to be at Nagasaki Summer School these six weeks. I got to meet so many new friends from the UK, Italy, America, Thailand, Taiwan and of course from Japan! We have had interesting lectures, exciting field trips and museum visits, group discussions and good teamwork. I really enjoyed my stay here in Japan!

Making a group project was good for working on communication and teamwork skills!

Mr. HOLLAND, Ryan Alexander
Lancaster University, United Kingdom

I have enjoyed participating in the summer school over these past two weeks. I think the opportunity for group discussion and making a group project was good for working on communication and teamwork skills. I also enjoyed learning about a number of topics in the lectures presented, as this gave a good overview of environmental issues. I hope to visit Japan again in the future!



Participants of the Transdisciplinary Summer School on the Environment 2019

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 scholarships are available.

Enquiries

International Exchange Committee,
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URL: <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 Showa-machi
- From JR Nagasaki Station
20 minutes by tram #1, 2 & 3 towards Akasako



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