

University of Osaka
Hamadohri Environmental Radiation Measurements
International School 2026
July 19 – 24, 2026

<https://indico.rcnp.osaka-u.ac.jp/e/Hamadohri-International-2026>

Venue

The school was held at the University of Osaka Fukushima Center in Okuma, Fukushima Prefecture, Japan.

Participants

There were 57 applications in total. Of these, 11 participants were selected by the IAEA. We selected 15 participants from the remaining 46 applicants. As part of the selection process, we conducted Zoom interviews with 21 applicants to select the six participants supported by IEEE/NPSS EduCom. In total, the school had 26 participants. The school was conducted by 9 lecturers and supported by 3 staff members from the University of Osaka.

Grade at University	participants
Gap year before university	3
Undergraduate (1st year)	3
Undergraduate (2nd year / 3rd year)	4
Undergraduate (4th year)	6
Exchange Student	1
Master's student	4
PhD student	3
Staff	2
Total	26

Although gender was not considered in the selection process, the final group of participants turned out to be well balanced in terms of gender.

Gender	Participants	Lecturers/staff
Female	13	5
Male	13	7



Seven participants had a physics background. However, the participants in the school came from a diverse range of academic disciplines

The school was highly international. Participants and lecturers came from 12 countries and represented 14 nationalities.

	From	Nationality
Japan	11	9
Germany	5	7
Malaysia	4	3
Saudi Arabia	3	3
Thailand	3	3
Singapore	3	3
Indonesia	2	2
Philippines	2	2
United States	2	1
Spain	1	1
United Kingdom	1	1
Pakistan		1
Sri Lanka		1
Zimbabwe		1
Switzerland	1	

Major
Physics
Medical Physics
Nuclear Engineering
Information Technology
Teacher Education
Geography
Bioscience
Psychology
Law



Contents

Overall timetable: <https://indico.rcnp.osaka-u.ac.jp/event/2697/page/281-overall-time-table>

Detailed timetable: <https://indico.rcnp.osaka-u.ac.jp/event/2697/timetable/#20260719>

2026 July International school schedule (v-2026-07-09)

	7/19 (Sunday)	7/20 (Monday/Holiday)	7/21 (Tuesday)	7/22 (Wednesday)	7/23 (Thursday)	7/24 (Friday)	
8:00		BUS 8:15~	BUS 8:15~	BUS 8:15~	BUS 8:15~	Checkout	8:00
9:00		Orientation U-Osaka Fukushima Center	F. Center		F. Center	BUS 8:30~	9:00
10:00		BUS	Sampling Soil & Plants 9:00~11:15	FUKUSHIMA Dai-ichi 9:00~12:50	Visit Interim Storage Facility	wrap up U-Osaka Fukushima Center	10:00
11:00		Densho-kan Museum	BUS		BUS	Admoun BUS	11:00
12:00		Lunch Futaba Business Incubation and Community Center	Lunch 11:45-12:45 Kumasun terrace		Lunch 11:45-12:45 Kumasun terrace	Lunch 12:30-13:30 Kumasun terrace	12:00
13:00		BUS	BUS	BUS	BUS		13:00
14:00		Introduction Lecture for Sampling	Sample sorting and Measurement	Lunch 13:15-14:15 Sakura Mall	wrap up		14:00
15:00	BUS from Narita	U-Osaka Fukushima Center	U-Osaka Fukushima Center	Data analysis (Nai/RadioCode) and Discussion	U-Osaka Fukushima Center	BUS to Narita	15:00
16:00		RadiaCode short lecture and exercise at the F-center					16:00
17:00		wrap up	wrap up	wrap up	BBQ		17:00
18:00	Checkin	BUS	BUS	BUS	BUS		18:00
19:00	Dinner	Dinner	Dinner	Dinner			19:00
20:00	Orientation Hotel restaurant						20:00
21:00							

- 1) Self-guided tour of the Great East Japan Earthquake and Nuclear Disaster Memorial Museum.

<https://www.fipo.or.jp/lore/en>

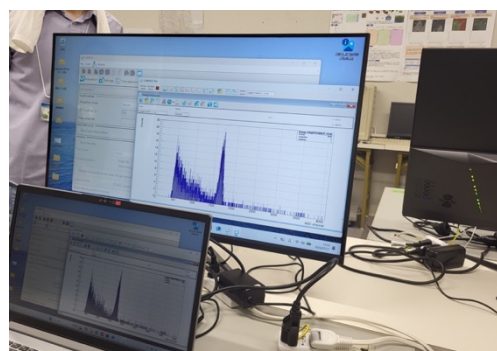
- 2) Soil sampling in the restricted area (Chuodai-Otozawa), including collection of 30-cm soil cores



Soil Sampling

- 3) Air dose rate measurements using RadiaCode

- 4) Measurement of radioactivity in the collected soil samples, including depth dependence and determination of Bq/kg



Measurement of radioactivity

- 5) Air dose rate mapping

6) Visit to Fukushima Daiichi Nuclear Power Station, guided by TEPCO



7) Visit to the Interim Storage Facility Information Center and the Interim Storage Facility area. <https://infocenter.jesconet.co.jp/en/index.html>



Fish farm damaged by the Tsunami

8) Discussion session with local residents and officials from public organizations

9) BBQ featuring local foods (fish from Ukedo Fishing Port and vegetables from local farmers)



Fish and shellfish from UKEDO fishing port

10) Closing session: participants briefly presented their experiences and impression



Organization

The school was conducted by the University of Osaka and IEEE/NPSS Educational Committee. Lecturers came from not only the University of Osaka but Tohoku University, Gifu University, PSI Switzerland and Brookhaven National Laboratory, USA.

Participants were supported several ways. Travel to Japan was supported by IAEA, home universities or covered by private money. Local expense was supported by IAEA, IEEE/NPSS EduCom and Fukushima Innovation Coast Framework.



FUKUSHIMA INNOVATION COAST FRAMEWORK (FIPO)

Acknowledgements

This program was conducted in collaboration with Okuma Town. We would like to express our sincere gratitude to Okuma Town for its support.

We also wish to thank the local participants who joined the discussion session. Their experiences and insights were invaluable to the participants.

Finally, we would like to thank the universities and the IAEA for sending outstanding participants to the school. Their contributions were one of the key factors in making the school a success.