

海外派遣・特別プログラム **(Study abroad special program)** **Regional Environment and** **Sustainable Development** **(RES D)**

Topic: Sustainable Urban Water System

期間 (Term) : 2024年8月4日～24日

(Aug.4-Aug.24)

実施場所: 中国 (China) : 清華大学 (Tsinghua Univ.),
同 済 大 学 (Tongji Univ.), 韓 国 (Korea) KAIST, GIST,
POSTEC, 日本 (Japan) 東北大学 (Tohoku Univ.)

対象: 博士後期課程学生 (Doctoral course student)

説明会 / Briefing
5 月 8 日 (水) / May 8th (Wed)
12:30-12:45
On-line (Webex)

2024 REGIONAL ENVIRONMENT AND SUSTAINABLE DEVELOPMENT
Scheme of RESD (draft)

Topic: Sustainable Urban Water System Term: August 4 th -24 th Number of students: 3 / country (Total: 9)						
Wed	Thu	Fri	Sat	Sun	Mon	Tue
	1	2	3	4 Kanazawa Arrival	5 Kanazawa AM/PM program	6 Kanazawa (AM leave → PM arrive)
7 Tohoku	8 Tohoku	9 Tohoku (AM leave → PM arrive at KAIST)	10 KAIST	11 KAIST	12 KAIST (AM leave → PM arrive at Postech)	13 Postech
14 Postech	15 Postech (AM leave → PM arrive at GIST)	16 GIST	17 GIST	18 GIST AM: Departure Fly to Tsinghua	19 Tsinghua	20 Tsinghua
21 Tsinghua Move to Tongji (Shanghai)	22 Tongji	23 Tongji	24 Fly back	25	26	27
28	29	30	31	1 Sep.	2	3
4	5	6	7	8	9	10

2024 RESD Regional Environment Sustainable Development

revised version in Kanazawa Univ.

August 5, 2024



REGIONAL ENVIRONMENT AND SUSTAINABLE DEVELOPMENT CERTIFICATE PROGRAM Since 2008

- The RESD is an international certificate program designed to allow highly scientific skilled PhD students to pursue advanced training in environmental science, engineering and management while simultaneously developing workplace skills at international institution and having deep field study experience for the future world.
- The RESD Program consist of several times of Asian field study cross-training in the complicated environmental issues, frontier technologies or interdisciplinary area, along with a professional component that may include advanced training in management, and giving solutions.
- All have been developed to train Asian **international leaders to act positively to environment and society** based on Asian based concept of Environmental studies.
- The RESD Program will find future environmental leaders for sustainable Asia.

Regional Environment Sustainable Development (RES D)

RES D Commission

- Kanazawa University
- Tohoku University
- Tsinghua University
- Tongji University
- Korea Institute of Science and Technology
- Gwangju Institute of Science and Technology
- Pohang University of Science and Technology

Organizing Committee in Kanazawa Univ.

Prof. Zhen-jiang Shen
Prof. Tatsuo Ishijima
Assistant Prof. Teng Xiao





Program

Site-visits



清华大学

Tsinghua University

Debating



同济大学

TONGJI UNIVERSITY



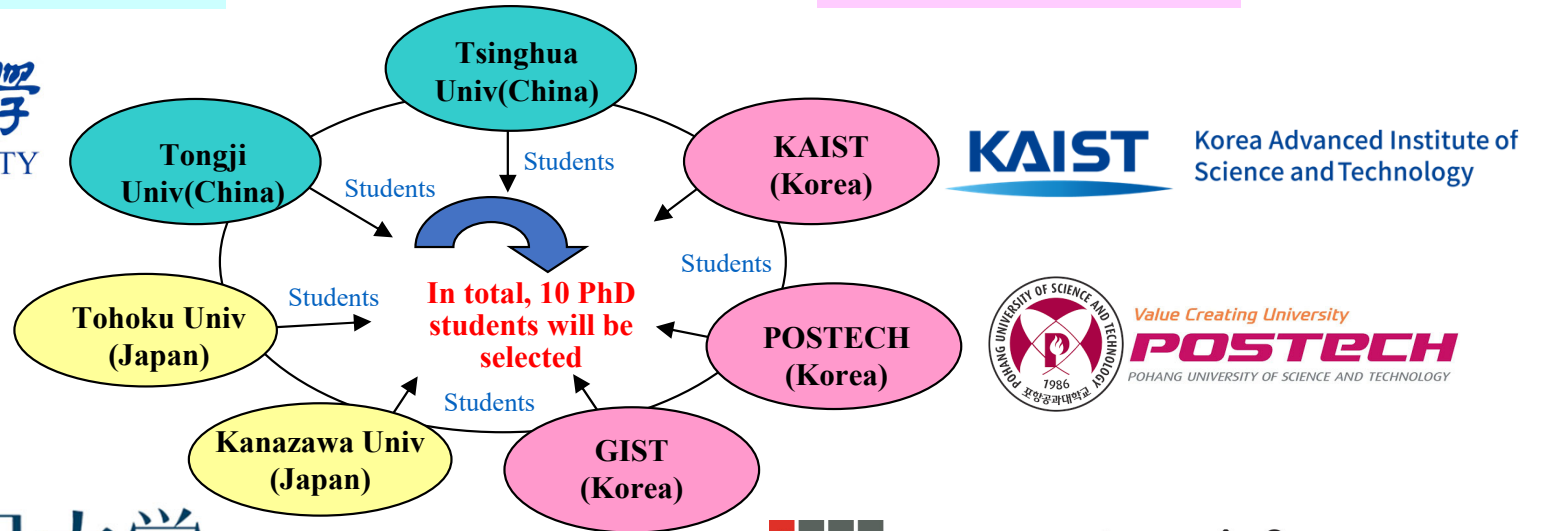
東北大学

TOHOKU UNIVERSITY



金沢大学

KANAZAWA UNIVERSITY



Korea Advanced Institute of Science and Technology



Value Creating University
POSTECH
POHANG UNIVERSITY OF SCIENCE AND TECHNOLOGY



광주과학기술원

Gwangju Institute of Science and Technology

Reporting

History of RESD TOPICS

Year	Topic
2014	Resource Recovery of Urban Wastes
2015	Water Shortage: Challenges and Solutions - Reclamation, Desalination and Transportation
2016	Biotechnologies for water treatment
2017	Air pollution control
2018	Green energy from waste
2019	Advanced materials for environmental applications
2023	Carbon neutrality and sustainable development
2024	Sustainable Urban Water System

2024 RESD Scheme

Topic: Sustainable Urban Water System

Term: August 4th -24th

Number of students: 3-4 students / country (in total 10)

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August 5th, 2024

9:00 a.m. - 10:00, orientation, Workshop 3

10:00-11:30, Laboratory visit in Kanazawa University

11:30-12:45, Lunch meeting with lunch box

13:00-15:45, Visit a septic center in Kanazawa city

16:00-16:30, Visit Biomass Green Center

16:30-16:45, Move to VBL, Visit Nano Process Room (VBL 1F)

16:45-17:15, Lab. visit Analytical and Environmental Chemistry,

17:15-17:30, Move to Yabutan

(cafeteria at 2F, Natural Sciences Library South Welfare Facility)

17:30-19:00, Welcome party at Kanazawa University

August 6th, 2024

8:35, Bus provided by Kanazawa Univ. will reach near the guest house.

8:40, Departure

9:10, Arrive at Eco house

9:40, Departure from the Eco house

9:55, Arrive at Ishikawa prefecture office (sight seeing, 1x F)

10:15, Departure from Ishikawa prefecture office

10:45, Arrive at a parking area near Omimachi Market

City tour near Omimachi market, Higashi-chaya district etc...

12:45, Depart from the parking area

13:00, Arrive at Kanazawa station

13:58, Departure from Kanazawa Station (Bullet train)

17:51, Arrival at Sendai station

After you check-in, please take a rest.