



# Final presentation of Regional Environment and Sustainable Development (RES D) program

Topic: Carbon neutrality and sustainable development  
Term: 2023年8月12日~28日

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# 02 | Visits

Aug. 13-14<sup>th</sup> GIST

- City tour at Mokpo city
- SESE (School of Earth Science and Environmental Engineering) lab tour
- Group discussions

Aug. 16-17<sup>th</sup> Tsinghua university

- Campus tour
- Visiting Beijing SynoHytec Co., Ltd.
- City tour
- Group discussions

Aug. 19-20<sup>th</sup> Tongji university

- Visiting key lab of Pollution control and Resources Reuse
- Campus tour
- Visiting Green technology Bank
- Visiting Shanghai urban Planning Exhibition center
- Group discussions



Aug. 24-27<sup>th</sup> Kanazawa university

- Ishikawa eco house
- Ishikawa Prefectural Office
- Ishikawa prefectural library
- Lab visits: 1,2,3,4,5,6,7

Aug. 22-23<sup>th</sup> Tohoku university

- Lab tour
- Field work to Yamagata (Eco museum core center, Kuki-jinja shrine, Ostrich field, Terraced rice paddies, Asahi winery)
- Group discussions

# 03 | Seminar review

Aug. 13-14<sup>th</sup> GIST

- Carbon Neutral, Prof. Youngjine Park
- Application of AI/Machine learning approaches in understanding terrestrial water cycle, Prof. Hyunglok Kim
- Plastics, Prof Changwoo Kim

Aug. 16-17<sup>th</sup> Tsinghua university

- The Health Impacts of Climate Change and Climate Neutrality, Prof. Wenjia Cai
- Waste management and circular economy towards a sustainable world, Prof. Xianlai Zeng
- Carbon neutralization technology in water systems, Prof. Yong Qiu

Aug. 19-20<sup>th</sup> Tongji university

- Carbon Reduction and Carbon Trading, Prof. Qingran Zhang

Aug. 24-27<sup>th</sup> Kanazawa university

- Spatial Planning and Sustainable Development (SPSD) conference

Aug. 22-23<sup>th</sup> Tohoku university

- Magnetostrictive materials, Dr. Hiroki Kurita
- Piezoelectric materials, Dr. Zhenjin Wang

# 04 | Conclusion

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**Company Visits:** Explored companies at the forefront of carbon neutrality initiatives, gaining industry insights.

**Institute Visits:** Toured prominent environmental institutes, expanding knowledge and exposure.

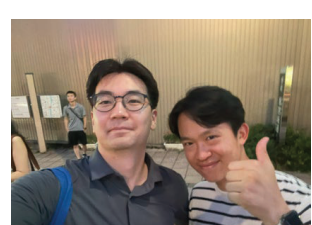
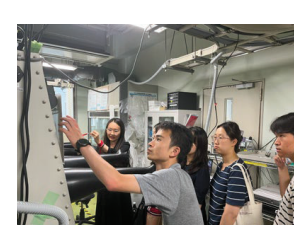
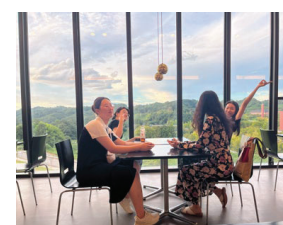
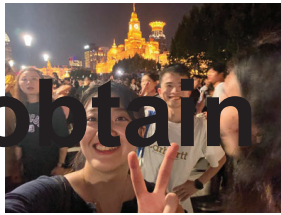
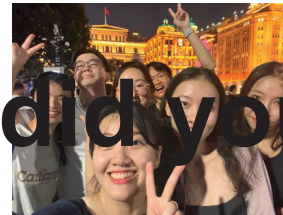
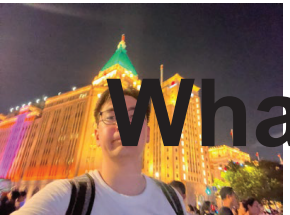
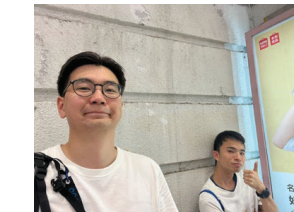
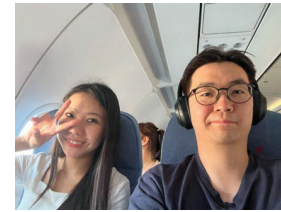
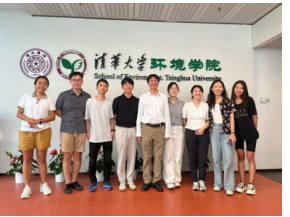
**Lectures:** Engaged in informative lectures on diverse environmental topics, broadening understanding.

**International Travel:** Experienced Korea and China for the first time, fostering cultural exchange.

**Evening Discussions:** Sparked enriching discussions with fellow students, enhancing collaboration and ideas



# I obtained this...



# What did you obtain through this program?

10/3/2023

RESD program

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# 05 | Future plan

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**Collaborative Research:** Work with peers from China, Korea, and Japan on interdisciplinary research for environmental solutions.

**Joint Initiatives:** Initiate projects addressing complex environmental challenges.

**Global Network:** Build an international network for resources and support in environmental endeavors.

**Impactful Contributions:** Dedicate to making meaningful contributions to environmental sustainability.

**Long-term Commitment:** Sustain collaborative efforts post-program for regional and global solutions.

**Leadership:** Take leadership roles to drive environmental projects forward.

**Adaptability:** Adapt to evolving environmental challenges and opportunities.

**Thank you !!!**