

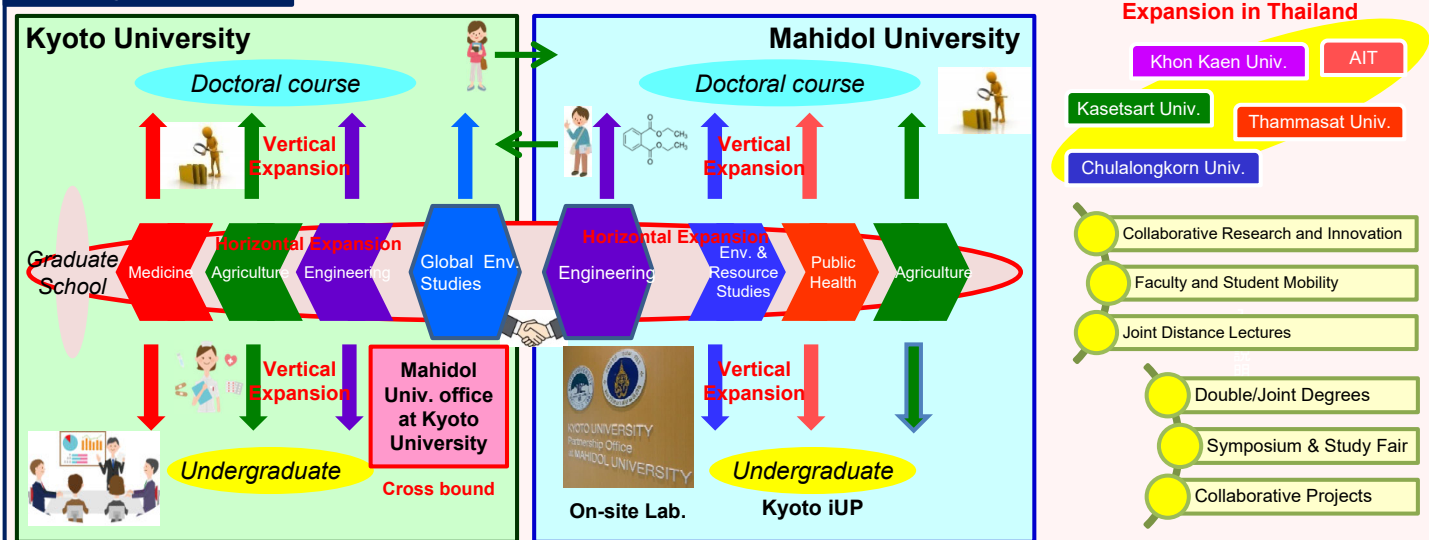
General Information

- ◆ **Approval Year:** FY 2018
- ◆ **Establishment:** March 2019 (upgraded from the Mahidol University base established in January 2016); Opening ceremony was held.
- ◆ **Implementing School:** the Graduate School (GS) of Global Environmental Studies (GSGES); jointly implemented by GS of Engineering, GS of Agriculture, and GS of Medicine after FY 2020.
- ◆ **Partner institution:** Mahidol University, Thailand
- ◆ **Location:** Mahidol University, Bangkok, Thailand (outbound)
- ◆ **Activities:** Joint education and research activities on environmental studies, recruitment of talented international students, and development of international joint programs

Positive ripple effects to the university's activities

- Research collaboration with local companies
 - Recruitment of talented international students
 - Education and training for local students
 - Extension of joint/double degree programs
 - Fusion of the humanities and sciences
 - Expansion to cross-bound type
- [FY 2018–2023]
- **On-site Laboratory Workshops:** 1st Workshop (MU, Mar 8, 2019, 155 participants), 2nd Workshop (KU, Nov 25, 2019, 44 participants), 3rd Workshop (On-line, Mar 11, 2020, 51 participants), 4th Workshop (On-line, Nov 27, 2020, 88 participants), 5th Workshop (On-line, Mar 11, 2022, 118 participants), 6th Workshop (On-line, Mar 29, 2023, 110 participants), 7th Workshop (Feb 23, 2024, 63 onsite and 60 on-line participants). In addition, the International Symposium was co-hosted (on-line, November 30–Dec 1, 2020, 279 participants).
 - **Double master's degree programs:** the Graduate School (GS) of Global Environmental Studies (GSGES), the School of Public Health, GS of Medicine, and GS of Agriculture were concluded in 2016, 2019, and 2022, respectively. As of the end of March 2024, 1 KU student and 14 Mahidol students have enrolled/will enroll in the GSGES program, and 2 Mahidol students in the Public Health program.
 - **Exchange of students & faculty members:** In 2018–2019, 52 of 17 groups from Mahidol and 57 of 15 groups from KU visited each. In 2020–2022, only 9 of 7 groups from Mahidol and 1 from KU visited each due to COVID-19. In 2023, 30 researchers/students of 9 groups from KU and 19 of 6 groups visited each.
 - **Others:** Joint lectures, joint research, co-authored research presentations, internships, etc., were conducted.

Activity Overview



Main Activities in FY 2023

1 Symposium/workshops

- **Kyoto University International Symposium, Dec 11, 2023:** Held by the Graduate School of Global Environmental Studies at Hue University of Agriculture and Forestry with Zoom broadcast. Members from Mahidol actively contributed to this event by (1) serving as the coordinator of the "Environmental Technology" session (Suwanna Boontanon, Cross-appointment Assoc. Prof. between KU and MU), (2) 7 presentations (including 2 joint research projects with KU), and (3) winning three poster presentation awards.
- **7th Kyoto University-Mahidol University On-Site Laboratory Workshop, Feb 23, 2024:** 123 participants (63 onsite (at MU Salaya Campus) and 60 online participants). First, Prof. Yasuyuki Kono, Vice President of KU, and Prof. Thanapat, Dean of the Faculty of Engineering of MU, gave opening remarks, followed by a lecture and discussion on the double degree program and its collaboration with the On-site Laboratory. After that, the participants were divided into four sessions of "Environmental Engineering," "Chemical Engineering," "Agriculture and Ecosystems," and "Public Health," where they introduced their research and held discussions for joint research and education. This was followed by a summary session of reports from each session and general discussions and ended with closing remarks by Prof. Pattaraporn Posoknistakul, Vice Dean of the Faculty of Engineering, and Prof. Makoto Usami, Vice Dean of GSGES.

2 Student exchange/degree programs

- In addition to the Graduate School of Global Environmental Studies (2016) and the School of Public Health (2019), the Graduate School of Agriculture signed an agreement for the establishment of a master's double degree program with Mahidol University Kanchanaburi Campus in July 2022. Preparations for the new double degree programs are also underway at the Graduate School of Engineering (with MU Graduate School of Engineering) and the Graduate School of Agricultural Science (with MU Graduate School of Science). Furthermore, an interdepartmental student exchange agreement was concluded between GSGES and the MU School of Public Health in March 2024.
- Two students on the double degree program (who entered Engineering, MU in August 2020, and GEGE in April 2021) received a master's degree from MU in 2023 after receiving a master's degree from KU in March 2023.
- Two students on the double degree program (who entered Engineering, MU in August 2021, and GEGES, Kyoto University in April 2022) came to Kyoto University in April 2022, and left in March 2023. They received a master's degree from KU in March 2024.
- Two students on the double degree program (who entered Engineering, MU in August 2022, and GEGES, Kyoto University in April 2023) came to Kyoto University in April 2023, and left in March 2024.
- Two students who entered MU Engineering in August 2023 were selected for the double degree program. They plan to stay at GSGES for one year from April 2024.
- One student in MU Public Health, who entered MU in June 2020, received a professional degree in the Department of Social and Health Medicine from KU in September 2023.
- One student, who finished MS program in chemical engineering in MU Engineering, entered the Ph.D. program in Chemical Engineering at the Graduate School of Engineering, KU with a MEXT scholarship (university recommendation) in April 2023.

3 Publication of collaborative research results in internationally co-authored academic papers

- Research results produced through collaboration between the two universities have been presented 8 times at international/domestic conferences and published in 5 peer-reviewed co-authored papers.