



MEMORANDUM OF AGREEMENT
ACADEMIC COOPERATION AND EXCHANGE PROJECT
Between
CHANGSHA UNIVERSITY OF SCIENCE AND TECHNOLOGY (CSUST)
and
CHEMISTRY DEPARTMENT
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
UNIVERSITAS NEGERI MALANG (UM)

No. Ref:
No. Ref: 27.8.24/UN32.3/KS/2025

Changsha University of Science and Technology, CSUST (China) and The Faculty of Mathematics and Natural Sciences, Universitas Negeri Malang, UM (Indonesia), believe that mutual benefits can be derived by bridging their two institutions, achieving a closer relationship by linking their expertise and resources on academic and research activity. Therefore, both institutions agree to enter into this Memorandum of Agreement (MoA) on Academic Cooperation and Exchange.

I. Joint Research Title

Changsha University of Science & Technology, CSUST (China) and Universitas Negeri Malang, UM (Indonesia) agree to carry out an international academic cooperation and exchange project entitles "Microbial Biodiversity Dynamics in Constructed Bioreactor: Anaerobic Digestion and Anammox Systems" within Agreement of Joint Application for the Third Batch of Personnel Exchange Projects in 2025 under the Key Special Project of "Intergovernmental International Science, Technology and Innovation Cooperation" of the National Key Research and Development Program.

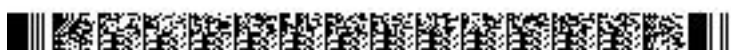
II. Project Leaders

Party A: Chinese side

Dr. Hanbo Yu (School of Civil and Environment Engineering, Changsha University of Science and Technology, CSUST)
E-mail: yhb@csust.edu.cn
Tel.: (+86) 15273117455
Fax: (+86) 0731-85258698
Address: 960, 2nd Section, Wanjiali RD (S), Changsha, Hunan, P. R. China, 410114.

Party B: Indonesia side

Assoc. Prof. Eli Hendrik Sanjaya (¹Department of Chemistry and ²Department of Biotechnology, Faculty of Mathematics and Natural Sciences, UM)
E-mail: eli.hendrik.fmipa@um.ac.id
Tel.: (+62) 341-567382
Fax: (+62) 341-567382
Address: Departemen Kimia FMIPA Universitas Negeri Malang, Jl. Semarang No. 5, Malang, East Java, Indonesia., Post Code: 65145.



III. Goals and Contents of Cooperation and Exchanges

Goals:

To support Indonesian side (Assoc. Prof. Eli Hendrik Sanjaya) to come to CSUST, China for 12 months exchange and research collaboration program. Therefore, it can enhance the internationalization program at CSUST through exchange and research collaboration in the field of organism biodiversity in wastewater treatment systems for the realization of environmental sustainability. Through this activity, it is hoped that there will be an exchange of knowledge/expertise between the two parties, thereby accelerating innovations in related fields. In addition to increasing research innovation and publications, it also aims to improve academic quality through workshops, guest lectures, and international conferences. Furthermore, this activity is expected to improve and extend the good relationship and mutually beneficial cooperation between CSUST-UM and the two countries of China and Indonesia in terms of academics, research and innovation in science and technology.

Contents:

1. Research collaboration on microbial biodiversity dynamics in constructed bioreactor: anaerobic digestion and anammox systems;
2. Workshop(s) on microbial biodiversity dynamics in constructed bioreactor: anaerobic digestion and anammox systems;
3. Co-organizing international conference(s) between CSUST and UM
4. Guest lecture and co-teaching on microbial biodiversity dynamics in constructed bioreactor: anaerobic digestion and anammox systems, such as Environmental Bioremediation;

IV. Plans and Arrangements for Cooperation and Exchanges

No	Date	Activity
1	July 2026 to December 2027	Research collaboration on microbial biodiversity dynamics in constructed bioreactor: anaerobic digestion and anammox systems. <i>On-site and hybrid (in CSUST)</i>
2	July to October 2026	Co-organizing international conference(s) between CSUST and UM: 1. ICSCHEM (International Conference on Sustainable Chemistry) (<i>On-site and online in UM</i>) 2. IC2MS (International Conference on Chemistry and Material Sciences) (<i>On-site and online in UM</i>)
3	July 2026 to December 2027	Workshop(s) on microbial biodiversity dynamics in constructed bioreactor: anaerobic digestion and anammox systems. <i>On-site and online (in CSUST)</i>
4	September 2026 and January 2027	Guest lecture on microbial biodiversity dynamics in constructed bioreactor: anaerobic digestion and anammox systems <i>On-site (in CSUST)</i>
5	July 2026 to December 2027	Co-teaching on special course related to the microbial biodiversity dynamics in constructed bioreactor: anaerobic digestion and anammox systems, such as Environmental Bioremediation; <i>On-site in CSUST and online in UM</i>



V. Responsibilities and Task Division of Both Parties

Party A:

1. The recommended project leader in Chinese side should meet the required qualifications for the project application;
2. As the host and project leader, Party A (China side) primarily responsible for the whole process of the project: promoting application, implementation, and completion of the project.
3. Initiate preparing all the requirements of the application, implementing and completing the project.
4. Coordination between the two parties in everything of Chinese side related to the implementation of the project

Party B:

1. Only UM with a qualified project leader is restricted as the only designated partner in Indonesia side and should meet the required qualifications for the project application;
2. Cooperative with the Chinese partner in advancing the application, implementation, and completion of the project;
3. Comply with government laws, university regulations, and local related regulations, and respect local customs during the exchange period in China
4. Providing necessary conditions and assistance for Indonesian partners who will go to work in China;

VI. Sources of Funds

Party A will apply for 144,000 RMB (12 months) from Ministry of Science and Technology of China. The use of funding obeys the regulations and requirements of Chinese government. The funded funds shall be used by the applicant to cover expenses such as international travel expenses, living expenses during the exchange in China, housing rental, and insurance purchase (insurance is a mandatory item and must include at least medical insurance and personal accident insurance).

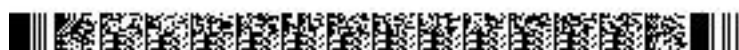
VII. Intellectual Property Clauses

Intellectual property rights (IPR) of the project cover all results obtained within the project. The IPR of common results will be shared by all parties concerned and each participant will take the corresponding share of IPR according to his respective contribution. Before submitting any application for related IPR of common results, one party should first consult with another party and may proceed only after both parties have agreed without objection on the ownership of the IPR. Without the written consent of both parties, none of the project's common IPR may be transferred to any third-party.

The IPR of results obtained independently by one party without any assistance from the other party or obtained before or after the collaboration will belong to the respective party. Authorship and acknowledgement in papers should be based on contribution to the project and decided in discussions involving all parties concerned.

VIII. Term of Validity of the Agreement

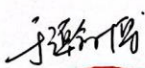

The project will terminate upon completion of all cooperation and exchange activities, which is agreed on the date of December 31, 2027. One party who decides to withdraw from the project before the above-mentioned date should notice the other party at least three months before the change happens. Any amendment to this agreement should be agreed by both parties. If the execution of the agreement is hindered by force majeure, both parties shall bear their own losses and make every effort to continue the cooperation.



IX. Dispute Resolution Methods

This agreement comes into effect on the date of signature, and terminates upon completion of all research activities. If the project is not approved, this agreement will automatically terminate. It is made in two counterpart originals and two counterpart copies, with one of the originals to be retained by each of the two parties. In the event of any dispute arising from the performance of this agreement, both parties shall resolve it through friendly negotiation.

IX. Signature:

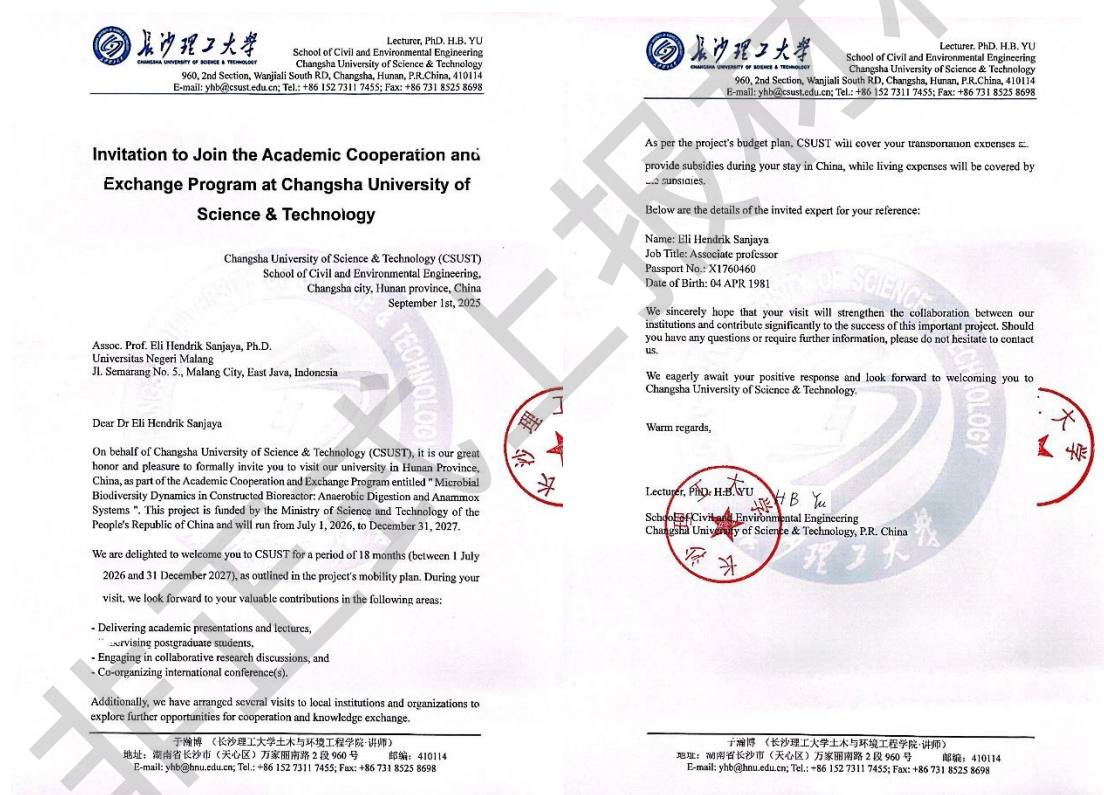
<p>Party A:</p>  <p>Hanbo Yu, Ph.D Title: Lecturer School of Civil and Environment Engineering, Changsha University of Science and Technology, P. R. China Date: 2025.8.28</p>	<p>Party B:</p>  <p>Eli Hendrik Sanjaya, Ph.D Title: Assoc. Professor ¹Department of Chemistry and ²Department of Biotechnology, Faculty of Mathematics and Natural Sciences, UM. Acknowledged by</p>  <p>Prof. Dr.Sc. Anugrah Ricky Wijaya, S.Si, M.Sc. Head of Chemistry Departement Faculty of Mathematics and Natural Sciences, UM Date: 2025.8.28</p>  <p>Prof. Dr. Hadi Suwono, M.Pd Dean of Faculty of Mathematics and Natural Sciences, UM. Date: 2025.8.28</p>
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2 指南要求提供的其他附件（请勿删除模板内容）。

(1)申报指南方向 1.1 的请按照申报资格证明模板出具证明并在此上传盖章后的扫描件（其他方向不要求，请删除申报资格证明模板）：

(2)邀请信/接收函材料：申报指南方向 1.1 的在此上传马方接收单位邀请信；申报指南方向 1.2 和申报指南方向 1.3 的在此上传中方接收单位邀请信（应包括外方人员姓名、单位、来华工作期限、工作职位等必要信息）。



(3)证件材料：申报指南方向 1.1 的在此上传申报人居民身份证（正、反面）、最高学位证书和申报单位出具的在职证明（含教育、工作经历）；申报指南方向 1.2 和 1.3 的在此上传来华科研人员护照个人信息页（须包含照片、姓名、护照号）、最高学位证书和所在单位出具的在职证明（含教育、工作经历）。

