STAFF HANDBOOK

Name	Enny Susiyawati, S.Si.,M.Pd.,M.Sc.,Ph.D.		
Position	Lecturer at Science Education, Universitas Negeri Surabaya (UNESA)		
Academic Career	Bachelor Degree	Biology, Universitas Negeri Surabaya	Graduated 2010
	Master Degree	● Science Education, Curtin University of Technology, Western Australia ● Science Education, Universitas Negeri Surabaya	● Graduated 2012 ● Graduated 2012
	Doctoral Degree	Science and Mathematics Education	Graduated 2017
Employment	Lecturer	Universitas Negeri Surabaya	2014 - now
Research and Development Project over the last 5 years	1. Transformation of Science-Technology and Social-Humanities Learning through AI-Based Research Tools in SDGs-Oriented Project-Based Courses for Higher Education		2025
	2. The Impact of Integrating ChatGPT into the Debate Based on Inquiry Learning (DBOIL) Model on the Argumentation Skills of Preservice Science Teachers		2025
	3. Exploring Social Media Issues (SMI) in Science as a Predictor of Scientific Literacy		2024
	4. Designing Blended Learning for Optimizing the Implementation of the Independent Learning–Independent Campus (MBKM) Program in Higher Education		2024
	5. Implementation of an SDGs-Oriented Learning Model in Science-Technology and Social Science Courses in Higher Education		2024
	6. Implementation of Project-Based Blended Learning: Exploring Impacts and Challenges		2024

	7. Applying Collaborative Learning through Computer-Based Mind Mapping Strategies to Foster Students' Scientific Creative Ideas	2023
	8. A Learning Model Integrating Sustainable Development Goals (SDGs) for UNESA PTNBH in the Digital Era	2023
	9. Characterizing Students' Chemical Literacy in Biological Systems: Identifying Chemical Aspects to Explain Cellular-Level Life Phenomena	2022
	10. Strategy of Scientific Argumentation of College Student to Explain Focal Issues in a Connection with Socio-Scientific Issues	2022
	11. Optimizing Students' Science Process Skills for Blended Learning–Based Science Education	2022
	12. STEM-Based Chemistry Learning to Foster Scientific Literacy Skills of FMIPA Unesa Students	2022
	13. Students' Mental Models on Thermodynamics through a Guided Inquiry Perspective	2021
	14. An Intensive Scaffolding in Adressing Macroscopic Socio-Scientific Issue to Help College Student Learning Science at Microscopic Level	2021
Industry Collaborations over the last 5 years	1. Assessor for Selection of Teacher Professional Education Program (PPG) Participants	2023 - 2025
	2. Board of Expert of Asten Teacher Education Quality Assurance Agency	2023
Patents and Property right	1. Guidelines for Implementing Collaborative Problem-Based Blended Learning in Science Education	2024
	2. Book of Learning Models Integrating the Sustainable Development Goals (SDGs)	2023
	3. A Book on Scaffolding Models for Socio-Scientific Issue–Based Science Learning	2021
Important Publications over the last 5 years	1. **Susiyawati, E.**, Erman, E., Nurita, T., Qosyim, A., & Roqobih, F. (2025). Collaborating Courses through Problem-Based Blended Learning: Analysis of Students' Perspectives. Journal of Problem Based Learning in Higher Education, 13(1). https://doi.org/10.54337/ojs.jpblhe.v13i1.9054	2025

		2024
	2. **Susiyawati, E.**, Erman, E., Astriani, D., & Rahayu, D. A. (2024). Blended Learning in Science Classroom: Its Impact on Preservice Teachers' Science Process Skills. *KnE Social Sciences, 9*(19), 398–412. https://doi.org/10.18502/kss.v9i19.16526	2024
	3. **Susiyawati, E.**, Erman, E., Astriani, D., and Rahayu, D. A. (2024). Facilitating flexible learning: A study of students' perceptions of synchronous and asynchronous blended learning. *Journal of Education and e-Learning Research, 11*(2), 422-434. https://doi.org/10.20448/jeelr.v11i2.5676	2024
	4. Sari, D. P., Erman, **Susiyawati, E**., Nurita, T., Qosyim, A., Mustaji, and Madlazim. (2023). Generating creative scientific ideas in collaborative learning using computer-based mind mapping. *International Journal on Recent and Innovation Trends in Computing and Communication*, *11*(9), 4581-4591. https://doi.org/10.17762/ijritcc.v11i9.9976	2023
	5. Erman, E., Pare, B., **Susiyawati, E.,** Martini, M., and Subekti, H. (2022). Using scaffolding set to help student addressing socio-scientific issues in biochemistry classes. *International Journal of Instruction,* 15(4), 871-888. https://www.e-iji.net/dosyalar/iji_2022_4_47.pdf	2022
	6. **Susiyawati, E.**, Erman, Nurita, T., Sari, D. P., Mursyidah, R. W., and Qosyim, A. (2022). Analysing a gap between students' expectations and perceptions: The case of blended learning. *SHS Web Conferences, 149*, 01004. https://doi.org/10.1051/shsconf/202214901004	2022
	7. **Susiyawati, E.,** Sudibyo, E., and Sari, D. A. P. (2021). Development and validation of an instrument for assessing middle school students' critical thinking skills. *The International Journal of Assessment and Evaluation, 28*(2), 1-13. https://doi.org/10.18848/2327-7920/CGP/v28i02/1-13	2021
	8. **Susiyawati, E.** and Treagust, D. F. (2021). Students' visual literacy: A study from plant anatomy learning. **In** Journal of Physics: Conference Series (Volume	2021

| | 1747, Nomor 012021). IOP Publishing. https://doi.org/10.1088/1742-6596/1747/1/012021 | |