



# *Prof. Dr. Endang Susantini, M.Pd.*

POSITION	Dosen Pengajar Pembelajaran Inovatif Biologi		
	Profesor Bidang Strategi Pembelajaran Biologi		
	Gelar	Universitas	Tahun
	Dosen di Jurusan Biologi, Fakultas Matematika dan Ilmu Pengetahuan Alam	Universitas Negeri Surabaya- Indonesia	1991- sekarang
ACADEMIC CAREER	Sarjana Pendidikan Biologi	IKIP Surabaya-Indonesia	1984-1990
	Master Pendidikan Biologi	IKIP Malang -Indonesia	1990-1993
	Doktor Pendidikan Biologi	Universitas Negeri Malang- Indonesia	1999-2004
EMPLOYMENT	Posisi	Tempat	Tahun
	Profesor Bidang Strategi Pembelajaran Biologi	Universitas Negeri Surabaya- Indonesia	2011- sekarang
	Ketua Prodi Pendidikan Biologi	Universitas Negeri Surabaya- Indonesia	2016-2019

<b>RESEARCH AND DEVELOPMENT PROJECT OVER THE LAST 5 YEARS</b>	<ol style="list-style-type: none"> <li>2015-2016 : Pengembangan Video Pembelajaran Pendekatan Saintifik untuk Mengembangkan Keterampilan Mengajar Calon Guru MIPA</li> <li>2017-2019 : Pengembangan Perangkat Perkuliahan Biologi Berorientasi Strategi Metakognitif Untuk Melatih Strategi Belajar Metakognitif</li> </ol> <p><b>Mitra:</b></p> <ol style="list-style-type: none"> <li>Universitas Negeri Malang, Indonesia</li> </ol> <p><b>Rata-Rata Dana Penelitian:</b></p> <ol style="list-style-type: none"> <li>Rp. 125.000.000/ tahun</li> <li>Rp. 120.000.000/ tahun</li> </ol>													
<b>PATENTS AND PROPRIETARY RIGHT</b>	<table border="1"> <thead> <tr> <th data-bbox="638 603 1568 646">Judul</th> <th data-bbox="1568 603 2022 646">Tahun</th> </tr> </thead> <tbody> <tr> <td data-bbox="638 646 1568 758">1. Video Pembelajaran Pendekatan Saintifik Berbasis Model Kooperatif pada Topik Hujan Asam C00201602928, tanggal 4 Agustus 2016</td> <td data-bbox="1568 646 2022 758">2016</td> </tr> <tr> <td data-bbox="638 758 1568 901">2. Video Pembelajaran Pendekatan Saintifik pada Model Pembelajaran Inkuiri pada Topik Faktor-faktor yang Mempengaruhi Laju Reaksi C00201602903, tanggal 4 Agustus 2016</td> <td data-bbox="1568 758 2022 901">2016</td> </tr> <tr> <td data-bbox="638 901 1568 981">3. Panduan Micro Teaching untuk Dosen, Mahasiswa, dan Crew C00201701518 tanggal 12 April 2017</td> <td data-bbox="1568 901 2022 981">2017</td> </tr> <tr> <td data-bbox="638 981 1568 1061">4. Strategi Belajar Metakognitif: Teori dan Implementasi EC00201807463, 28 Maret 2018</td> <td data-bbox="1568 981 2022 1061">2018</td> </tr> <tr> <td data-bbox="638 1061 1568 1165">5. Video Pembelajaran Strategi Metakognitif: Melatihkan I-Mindmap Melalui Direct Instruction Pada Topik Ekosistem EC00201941486, 28 Mei 2019</td> <td data-bbox="1568 1061 2022 1165">2019</td> </tr> </tbody> </table>	Judul	Tahun	1. Video Pembelajaran Pendekatan Saintifik Berbasis Model Kooperatif pada Topik Hujan Asam C00201602928, tanggal 4 Agustus 2016	2016	2. Video Pembelajaran Pendekatan Saintifik pada Model Pembelajaran Inkuiri pada Topik Faktor-faktor yang Mempengaruhi Laju Reaksi C00201602903, tanggal 4 Agustus 2016	2016	3. Panduan Micro Teaching untuk Dosen, Mahasiswa, dan Crew C00201701518 tanggal 12 April 2017	2017	4. Strategi Belajar Metakognitif: Teori dan Implementasi EC00201807463, 28 Maret 2018	2018	5. Video Pembelajaran Strategi Metakognitif: Melatihkan I-Mindmap Melalui Direct Instruction Pada Topik Ekosistem EC00201941486, 28 Mei 2019	2019	
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<b>IMPORTANT PUBLICATIONS OVER THE LAST 5 YEARS</b>	<ol style="list-style-type: none"> <li><b>Susantini, E.</b>, Isnawati, &amp; Lisdiana, L. (2016). Effectiveness of genetics student worksheet to improve creative thinking skills of teacher candidate students. <i>Journal of Science Education</i>, 17(2), 74–79.</li> <li><b>Susantini, E.</b>, Faizah, U., Prastiwi, M. S., &amp; Suryanti. (2016). Developing educational video to improve the use of scientific approach in cooperative learning. <i>Journal of Baltic Science Education</i>,</li> </ol>													

15(6), 725–737.

3. Setyowidodo, I., Jatmiko, B., **Susantini, E.**, Widodo, S., & Shofwan, A. (2017). Effect of Physics Problem Solving on Structures Schemes and Knowledge Associations. In *Journal of Physics: Conference Series* (Vol. 895).
4. **Susantini, E.**, Lisdiana, L., Isnawati, Tanzih Al Haq, A., & Trimulyono, G. (2017). Designing easy DNA extraction: Teaching creativity through laboratory practice. *Biochemistry and Molecular Biology Education*, 45(3), 216–225.
5. **Susantini, E.**, Indana, S., & Isnawati. (2018). Using metacognitive strategy to teach learning strategies: A study of Indonesian pre-service biology teachers. *The New Educational Review*, 52(2), 258–268.
6. **Susantini, E.**, Faizah, U., Yonata, B., Kurniasari, I., & Suryanti. (2018). Using instructional video to improve awareness of scientific approach in science classroom. *Asia-Pacific Forum on Science Learning and Teaching*, 19(1).
7. Hadi, S. A., **Susantini, E.**, & Agustini, R. (2018). Training of Students' Critical Thinking Skills through the implementation of a Modified Free Inquiry Model. In *Journal of Physics: Conference Series* (Vol. 947).
8. Ariani, S., Rahayu, Y. S., & **Susantini, E.** (2018). The Influence of Inquiry Method on Student Learning Result with Different Class Learning Style on Plantae Material. In *Journal of Physics: Conference Series* (Vol. 1108).
9. Erlina, N., **Susantini, E.**, Wasis, Wicaksono, I., & Pandiangan, P. (2018). The effectiveness of evidence-based reasoning in inquiry-based physics teaching to increase students' scientific reasoning. *Journal of Baltic Science Education*, 17(6), 972–985.
10. Siswanto, J., **Susantini, E.**, & Jatmiko, B. (2018). Practicality and effectiveness of the IBMR teaching model to improve physics problem solving skills. *Journal of Baltic Science Education*, 17(3), 381–394.
11. Siswanto, J., **Susantini, E.**, & Jatmiko, B. (2018). Multi-representation based on scientific investigation for enhancing students' representation skills. In *Journal of Physics: Conference Series* (Vol. 983).
12. Evendi, **Susantini, E.**, Wasis, W., & Prahani, B. K. (2018). Improving Students' Scientific Asking Skills through the Implementation of Question Webs Based Learning Model. In *Journal of Physics: Conference Series* (Vol. 1108).
13. **Susantini, E.**, Sumitro, S. B., Corebima, A. D., & Susilo, H. (2018). Improving learning process in

genetics classroom by using metacognitive strategy. *Asia Pacific Education Review*, 19(3), 401–411.

14. Hunaidah, H., **Susantini, E.**, Wasis, W., Prahani, B. K., & Mahdiannur, M. A. (2018). Improving Collaborative Critical Thinking Skills of Physics Education Students through Implementation of CinQASE Learning Model. *In Journal of Physics: Conference Series* (Vol. 1108).

15. **Susantini, E.**, Kurniasari, I., Fauziah, A. N. M., Prastowo, T., Kholiq, A., & Rosdiana, L. (2018). Engaging pre-service teachers to teach science contextually with scientific approach instructional video. *In IOP Conference Series: Materials Science and Engineering* (Vol. 296).

16. Erlina, N., **Susantini, E.**, & Wasis, W. (2018). Common False of Student's Scientific Reasoning in Physics Problems. *In Journal of Physics: Conference Series* (Vol. 1108).

17. **Susantini, E.**, Indana, S., Isnawati, & Nursanti, A. (2019). Enabling Indonesian pre-service teachers to design biology learning tools using metacognitive strategy. *Jurnal Pendidikan IPA Indonesia*, 8(3), 391–397.

18. Karmana, I. W., Ibrahim, M., & **Susantini, E.** (2019). Development of Karmana-Problem Based Learning Model to Train Problem Solving Skills and Concept Mastery of Biology Teacher Candidates. *In Journal of Physics: Conference Series* (Vol. 1227).

**ACTIVITIES IN SPECIALIST BODIES**

<b>Organisasi</b>	<b>Posisi</b>	<b>Periode</b>
Himpunan Pendidik dan Peneliti Biologi Indonesia (HPPBI) Jawa Timur	Penasihat	2018- sekarang
World Association of Lesson Studies (WALS)	Anggota	2017 - sekarang