

**Staff Handbook**

<b>Name</b>	Nurita Apridiana Lestari		
<b>Post</b>	Master degree of Education		
<b>Academic career</b>			
<b>Academic</b>	<b>Institution</b>	<b>Year</b>	
Initial Academic Appointed as lecturer/instructor in Physics Educations			
Doctoral			
Master of Education	Universitas Negeri Malang	2013	
Bachelor of Education	Universitas Negara Malang	2011	
<b>Employment</b>			
<b>Position</b>	<b>Employer</b>	<b>Period</b>	
Professor			
Associate Professor			
Assistant Professor	Universitas Negeri Surabaya		
Lecturer/ Instructor	Universitas Negeri Surabaya		
<b>Research and development projects over the last 5 years</b>			
<b>Name of Project or Research</b>	<b>Period</b>	<b>Partner (Mitra/ if applicable)</b>	<b>Amount of Financing</b>
KESADARAN DAN LITERASI IKLIM MASYARAKAT DALAM MENGHADAPI BENCANA AKIBAT PERUBAHAN IKLIM: STUDI FENOMENOLOGI UNTUK Mendukung SDGS	2023		IDR 20.000.000 (€ 1,030)
Pengembangan Model Pembelajaran Proyek IKLIM Terintegrasi Education for Sustainable Development (ESD) Untuk Meningkatkan Literasi Iklim Mahasiswa	2024		IDR 59.410.000 (€ 3,085.5)
Model Proyek STEM-ESD dalam Pembelajaran Fisika Berbasis Lingkungan untuk Meningkatkan Kemampuan Mitigasi dan Adaptasi terhadap Bencana Perubahan Iklim	2024		IDR 57.410.000 (€ 2,981.63)
ANALISIS TREN DAN DAMPAK IMPLEMENTASI CHATGPT DALAM PENDIDIKAN FISIKA	2024		IDR 75.000.000 (€ 3,900)
Pengembangan Pembelajaran Digital Berbasis Website dengan Pendekatan PBL-STEAM untuk Melatihkan Kompetensi ESD dalam Pendidikan Sains Berkelanjutan	2024		IDR 31.150.000 (€ 1,617.8)

PENGEMBANGAN BUKU AJAR SAINS EDUPRENEURSHIP SEBAGAI SARANA PENINGKATAN KUALITAS PERKULIAHAN DI PROGRAM STUDI S2 PENDIDIKAN IPA FMIPA UNESA	2024		IDR 20.000.000 (€ 1,030)
Project Based Transformative Learning (PjBTL) berorientasi Education for Sustainable Development (ESD) untuk memperkuat gaya hidup berkelanjutan siswa Indonesia di Malaysia	2024		IDR 53.080.000 (€ 3,016.43)
Pengembangan Pembelajaran STEAM Berbantuan Eye Tracking Technology untuk Meningkatkan Kemampuan Multirepresentasi Calon Guru Fisika melalui Program Magang Riset-MBKM	2024		IDR 148.750.000 (€ 7,725.44)
S.E.E.D (SUSTAINABILITY. EXPLORATION. EDUCATION. DISCOVERY) PROGRAM” MELALUI HYBRID INQUIRY-BASED LEARNING (IBL) UNTUK MENUMBUHKAN KETERAMPILAN HIGH ORDER THINKING SKILL (HOTS) BERBASIS PEMBELAJARAN STEAM BERKELANJUTAN	2024		IDR 50.000.000 (€ 2,596.79)
RESPON KESADARAN LITERASI IKLIM MAHASISWA CALON GURU FISIKA SEBAGAI PENDUKUNG EDUCATION FOR SUSTAINABLE DEVELOPMENT (ESD) INDONESIA	2024		IDR 20.000.000 (€ 1,030)
<b>Industry collaborations over the last 5 years</b>			
<b>Project title</b>		<b>Partners</b>	
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<b>Patents and proprietary rights</b>			
<b>Title</b>			<b>Year</b>
Aplikasi Klasmap			2023
Mitigasi dan Adaptasi Perubahan Iklim			2023
Aplikasi Planetary			2023
Sains for District Amor (SDA)			2023
Aplikasi berjudul DAHAN (Daur Hidup Hewan)			2023
STEAM Pada Pembelajaran Fisika Dan Pembangunan Berkelanjutan			2024
Perangkat Pembelajaran Model IKLIM			2024
Rencana Pelaksanaan Pembelajaran Gerak Lurus dengan Model Problem Based Learning dan Metode Diskusi Kelompok secara Berfikir Kritis			2024

Model IKLIM Terintegrasi STEM-ESD: Pembelajaran Fisika untuk Meningkatkan Kesadaran dan Literasi Iklim			2024
Instrumen Penilaian Literasi Iklim			2024
<b>Important publications over the last 5 years</b>	<b>Total number= 112 publications</b> <b>total publications since the las 5 year= 82 publications</b>		
<b>Title and Author</b>	<b>Publisher/ Journal name</b>	<b>Publication date</b>	<b>Vol/Issue/ Page Number</b>
A profile of physics multiple representation ability of senior high school students on heat material  BK Prahani, UA Deta, NA Lestari, M Yantidewi, MN RJauhariyah, ...	Journal of Physics: Conference Series	2021	1760 (1), 012020
A profile of senior high school students' science process skills on heat material  BK Prahani, UA Deta, NA Lestari, M Yantidewi, MNR Jauhariyah, ...	Journal of Physics: Conference Series	2021	1760 (1), 012010
Analisis respon dan ketertarikan peserta didik terhadap pelaksanaan pembelajaran fisika berbasis environmental learning di SMA  P Sari, D Dwikoranto, NA Lestari	PENDIPA Journal of Science Education	2021	5 (3), 337-344
Seminar Nasional Fisika (SNF) 2021, Universitas Negeri Surabaya on New Adaptations in Physics Learning and Research to Realize an Independent Learning Program  AZ Dwikoranto, BK Prahani, NP Putri, NA Lestari, UA Deta	Journal of Physics: Conference Series	2021	2110, 011001
Profile of Students' Creative Thinking Skills and Implementation of Free Inquiry in Senior High School  P Faatehah, NA Lestari	Jurnal Pendidikan MIPA	2021	22 (2), 292-304
Profile of physics e-learning activities during the COVID-19 pandemic: voices from high school students and teachers  IA Rizki, HV Saphira, SA Lestari, EW Epriliyani, NA Lestari, E Hariyono	Berkala Ilmiah Pendidikan Fisika	2022	10 (2), 225-239
Project-based inquiry-science: An innovative learning for thinking, teaching and assessing science-physics	Momentum: Physics Education Journal	2022	6 (1), 86-92

NA Lestari, E Hariyono, D Dwikoranto, BK Prahani, UA Deta			
Evaluation of Critical Thinking Ability Through The Development of Contextual Physics Teaching Materials Assisted by Socratic Question NA Lestari, GH Winarto	Phenomenon: Jurnal Pendidikan MIPA	2022	12 (1), 1-16
RESEARCH PROFILE OF CLIMATE CHANGE AND TSUNAMI MITIGATION: EFFORTS TO REALIZE SDGS 11 AND 13. E Hariyono, NA Lestari, IA Rizki	Science of Tsunami Hazards	2022	41 (3)
STEM-DRR: Potential strategy for increasing awareness of disaster risks M Anggaryani, T Prastowo, N Suprpto, J Lassa, Madlazim, AA Ilwi, ...	AIP Conference Proceedings	2022	2542 (1), 050002
Kreativitas Guru melalui Pelatihan Pembuatan Media Pembelajaran Tematik Sederhana NA Lestari, UA Deta	Jurnal Pemberdayaan Masyarakat	2022	1 (2), 61-68
Implementation of literacy programs and reading corners to increase students' interest in reading at SDN 2 Pamotan N Desysetyowati, D Wulandari, SR Cahyani, H Mubarak, NA Lestari	International Journal of Research and Community Empowerment	2023	1 (1), 1-7
Profile of online integrated science learning in schools: An observational study NA Lestari, T Irba, E Hariyono, BK Prahani, UA Deta, SC Wibawa, ...	AIP Publishing LLC	2023	2646 (1), 040054
The use of photovoice to analyze the physics concepts on Rayleigh scattering phenomena UA Deta, F Nikmah, R Ambarsari, A Nurlailiyah, NA Lestari, A Kholiq, ...	AIP Publishing LLC	2023	2646 (1), 060012
Research trends on the emergency curriculum of the COVID-19 pandemic in physics learning through bibliometric analysis UA Deta, I Laeliah, NA Lestari, M Yantidewi, MNR Jauharyah, ..	YOUNG SCHOLAR SYMPOSIUM ON SCIENCE AND MATHEMATICS EDUCATION, AND ENVIRONMENT	2023	
Problem Based Learning Modules in Environmental Education to Improve Problem Solving Ability	International Journal of Research and Community Empowerment	2024	2 (1), 1-13

R Ramandani, NA Lestari, E Budiarto, RFR Uulaa			
Climate Change Education in Sustainable Physics Learning: Systematic Literature Review NA Lestari, FM Susanti, UA Deta, E Hariyono, M Madlazim	E3S Web of Conferences	2024	482, 04003
Scientific literacy in physics learning: A bibliometric analysis from 1977 until 2023 and its impact on quality education HZ Alhusni, M Habibulloh, NA Lestari, A Realita, B Jatmiko, UA Deta	E3S Web of Conferences	2024	513, 04012
Global trend of STEM Education for the SDGs of the last decade: A bibliometric analysis M Jakfar, UA Deta, NA Lestari, F Khaleyla, RD Saputri, A Arrosyidi	E3S Web of Conferences	2024	568, 04020
Physics concepts analysis in the traditional games of kekehan UA Deta, A Arisanti, MN Hudha, NA Lestari, S Admoko, RFR Uulaa, ...	International Journal of Research and Community Empowerment	2024	2 (1), 24-34
Integrated project-based inquiry science learning model in environmental education related on climate change to improve critical thinking skills NA Lestari, K Setyaningrum, A Jauhari, FD Puspita, DNB Putri, R Mufida, ...	E3S Web of Conferences	2025	640, 01011
The Effect of STEAM Approach in Physics Learning to Enhance 21st Century Skills: A Literature Review AN Rohmah, NA Lestari, HV Saphira	Journal of Digitalization in Physics Education,	2025	000001-000001
Integrating Ethnophysics and Technology in Traditional Egrang Games to Support Sustainable Education and Cultural Preservation NNA Nasution, LL Sa'diyah, FD Devi, NA Lestari	Journal of Innovative Technology and Sustainability Education	2025	1 (1), 39-39
Integrating Technology and Ethnophysics to Support Sustainable Education and Cultural Preservation through Traditional Games of Gasing and Hula Hoop in Rotational Physics Learning	Journal of Innovative Technology and Sustainability Education	2025	1 (1), 38-38

ST Mardatillah, SK Shanty, N Auliya, NA Lestari, IA Rizki			
Effectiveness of Physics Learning with PBL Model Assisted by 3D Webbook Integrated with Environmental Learning in Improving Students' Critical Thinking Skills F Zahro, NA Lestari, I Sya'roni	JPPS (Jurnal Penelitian Pendidikan Sains)	2025	157-172
<b>Activities in specialist bodies over the last 5 years</b>			
<b>Organization</b>	<b>Role</b>	<b>Period</b>	
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