

# Staff Handbook

| Name  | Dr. Widowati Budijastuti, M.Si   |   |                                     |          |                     |  |  |  |
|---|--|---|-------------------------------------|----------|---------------------|--|--|--|
| Position  | Associate Professor  |   |                                     |          |                     |  |  |  |
| Academic Career   | Academic Appointment   |   | Institution                         | Year     |                     |  |  |  |
|   | Initial academic appointment   |   | Universitas Negeri Surabaya (UNESA) | 1994     |                     |  |  |  |
|   | Doctorate (Biology)  |   | Universitas Airlangga               | 2016     |                     |  |  |  |
|   | Master (Reproductive Biology Biology)  |   | Universitas Airlangga               | 1999     |                     |  |  |  |
|   | Undergraduate degree (Biology Education)   |   | IKIP Surabaya                       | 1993     |                     |  |  |  |
| Employment  | No   | Position  | Employer                            |          |                     |  |  |  |
|   | 1  | Lecturer / Associate Professor  | Universitas Negeri Surabaya (FMIPA) |          |                     |  |  |  |
| Research and development projects over the last 5 years | No   | Name of project or research focus   | Period                              | Partners | Amount of Financing |  |  |  |
|   | 1  | Redefining Hotspots of Local Fish <i>Nemacheilus spp.</i> in Lumajang through Integrative Morphogenetic and Bio-Ecological Approach for Sustainable Aquaculture Development | 2024                                | -        | -                   |  |  |  |
|   | 2  | Genetic Characterization of Earthworms in Bangkalan, Madura Using DNA Barcoding for Traceability of Potential Megascolecidae in East Java                                   | 2024                                | -        | -                   |  |  |  |
|   | 3  | Genetic and Phylogenetic Identification of the Fishing Cat ( <i>Prionailurus sp.</i> ) Based on COI and Cytb Genes for the Conservation of Endangered Indonesian Wildlife   | 2023                                | -        | -                   |  |  |  |
|   | 4  | Optimization of Academic Leadership Performance Indicators Based on UNESA Quality Standards as a Strategy for Academic Income Generation                                    | 2023                                | -        | -                   |  |  |  |
|   | 5  | Importance Performance Analysis (IPA) in Higher Education: A Case Study at Universitas Negeri Surabaya  | 2022                                | -        | -                   |  |  |  |
|   | 6  | Exploration of Mangrove Plants, Macroinvertebrates, and Microbes in Surabaya Mangrove Forest for the Conservation of Biological Resources                                   | 2021                                | -        | -                   |  |  |  |
| Industry collaborations over the last 5 years           | No   | Project title   | Partners                            |          |                     |  |  |  |
|   | -  | -   | -                                   |          |                     |  |  |  |
|   | -  | -   | -                                   |          |                     |  |  |  |
|   | -  | -   | -                                   |          |                     |  |  |  |
| Patents and proprietary rights over the last 5 years    | No   | Title   |                                     |          | Year                |  |  |  |
|   | 1  | UNESA Quality Manual, 3 <sup>rd</sup> Edition   |                                     |          | 2024                |  |  |  |
|   | 2  | Booklet: Development of Argumentative Questions to Train HOTS Thinking Skills   |                                     |          | 2023                |  |  |  |
|   | 3  | Handbook of Satisfaction Survey Data Processing, 1 <sup>st</sup> Edition  |                                     |          | 2023                |  |  |  |
|   | 4  | UNESA Leadership Performance Audit Guidelines, 2 <sup>nd</sup> Edition  |                                     |          | 2023                |  |  |  |
|   | 5  | UNESA Internal Quality Assurance Audit Manual, 2 <sup>nd</sup> Edition  |                                     |          | 2023                |  |  |  |
| Important publications over the last 5 years            | Total number: 7 titles   |   |                                     |          |                     |  |  |  |
|   | 1. Widowati B, et al. <i>An annotated checklist of the species of Lopogastrida and Mysida (Crustacea: Peracarida) from Thailand and its adjacent waters</i> . Zootaxa. 2023.<br>2. Widowati B, et al. <i>Effects of Adding <math>\alpha</math>-tocopherol to Brahman Bull Chilled Semen on Sperm Quality, Lipid Peroxidation, Membrane Integrity, and DNA Integrity</i> . Iranian J Vet Sci Technol. 2023. |   |                                     |          |                     |  |  |  |

|  | <p>3. Widowati B, et al. <i>Further study on two species of loach fishes (Cypriniformes: Nemacheilidae: Nemacheilus) based on morphology and molecular data.</i> BIOTROPIA. 2023.</p> <p>4. Widowati B, et al. <i>The Vulnerable Fishing Cat (Prionailurus viverrinus) from Wonorejo Mangroves, Surabaya, Indonesia Based on Morphology and Molecular Data.</i> J Biodjati. 2023.</p> <p>5. Widowati B, et al. <i>Types and Distribution of Macroinvertebrates Stressed by Heavy Metals in Mangrove Forests.</i> Nature Environment and Pollution Technology. 2022.</p> <p>6. Widowati B, et al. <i>Relationship Between Macroinvertebrate Diversity with Elements C and N in The Mangrove Forest of Wonorejo Surabaya.</i> MATEC Web Conf. 2022.</p> <p>7. Widowati B, et al. <i>Hubungan Kepadatan Cacing Tanah dengan Logam Berat Timbal (Pb) pada Lahan Tercemar di Surabaya Timur.</i> LenteraBio. 2023.</p> |              |      |        |                              |                                   |           |   |        |              |
|--|---|--------------|------|--------|------------------------------|-----------------------------------|-----------|---|--------|--------------|
| Activities in sepecialist bodies over the last 5 years | <table border="1"> <thead> <tr> <th>Organization</th><th>Role</th><th>Period</th></tr> </thead> <tbody> <tr> <td>UNESA Quality Assurance Team</td><td>Member / Quality Manual Developer</td><td>2023–2024</td></tr> <tr> <td>Biology Education Lecturer Forum (MGMP)</td><td>Member</td><td>2020–present</td></tr> </tbody> </table> <p>* Membership without a specific role need not be mentioned</p>  | Organization | Role | Period | UNESA Quality Assurance Team | Member / Quality Manual Developer | 2023–2024 | Biology Education Lecturer Forum (MGMP) | Member | 2020–present |
| Organization   | Role  | Period       |      |        |                              |                                   |           |   |        |              |
| UNESA Quality Assurance Team                           | Member / Quality Manual Developer   | 2023–2024    |      |        |                              |                                   |           |   |        |              |
| Biology Education Lecturer Forum (MGMP)                | Member  | 2020–present |      |        |                              |                                   |           |   |        |              |