



Dr. Handayani, M.Si

Dosen Biologi • Peneliti • Genetika & Konservasi Biodiversitas

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As-Syafi'iyah Islamic University | Tangerang Selatan, Banten

PROFIL AKADEMIK

Doktor bidang Biologi dengan pengalaman mengajar sejak 2012 di As-Syafi'iyah Islamic University. Memiliki fokus keilmuan pada genetika, biologi konservasi, biodiversitas, analisis DNA, dan pemodelan habitat satwa. Memiliki pengalaman riset pada badak Sumatera, badak Jawa, dan banteng Jawa serta pengalaman sebagai Auditor Halal (2025).

PENDIDIKAN

Doktor (Dr.) — Biologi
Bogor Agriculture Institute (IPB), Bogor • Desember 2023
Dissertation: Genetic Profiling of the Javan banteng (<i>Bos javanicus javanicus</i>) in Java's National Parks to support Conservation Efforts in Indonesia.
Magister (M.Si) — Biologi
Bogor Agriculture Institute (IPB), Bogor • Oktober 2008
Thesis: Analysis DNA Mitochondrial (D-loop) and COI (Cytocrom oxidase I) to Sumatran Rhino (<i>Dicerorhinus sumatrensis</i>) at SRS in Lampung TNWK in Genetic Conservation.
Sarjana — Biologi
As-Syafi'iyah Islamic University • Januari 2005
Thesis: Analysis of feeding behaviour and feed Sumatran rhino at SRS in Lampung TNWK.

PENGALAMAN PROFESIONAL

2012 - Sekarang	Dosen Biologi As-Syafi'iyah Islamic University
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KOMPETENSI & SERTIFIKASI

- Auditor Halal — 2025
- Biologi Molekuler & Analisis DNA (D-loop, COI, Cytocrom-b)
- Genetika Konservasi & Biodiversitas
- Konservasi Satwa Liar dan Pemodelan Habitat
- Geographic Information System (GIS)
- Pengajaran, pengembangan kurikulum, STEM, dan penulisan ilmiah

SEMINAR & PELATIHAN TERPILIH

- 2025 — Auditor Halal
- 2025 — The International Conference on Biodiversity and Future Biology (ICo-BioFub)
- 2024 — Basic Instructional Techniques Skills Enhancement Training (PEKERTI)
- 2024 — STEM Training
- 2022 — PKM Workshop; Seminar on Becoming an Innovative Generation; Workshop on Curriculum Development Strategies
- 2021 — 4th National Expert Webinar; 3rd National Biology Seminar: The Role of Molecular Genetics in Biodiversity Conservation
- 2020 — Scientific Publication Writing Workshop; International Reputable Scientific Article Writing Training (IPB); webinar biodiversitas dan konservasi
- 2019 — International Seminar “Wildlife Genetics” (IPB); FGD Formulation of Environmental Policies and Management in the Ciliwung Watershed
- 2018 — International Seminar on Conservation, Enhancement, and Sustainable Use of Indigenous Tropical Flora and Fauna; National Seminar on Introduced Species

PUBLIKASI TERPILIH

- Handayani et al. (2023). Modeling the Habitat Suitability of Javan Banteng (*Bos javanicus javanicus*) Using Geographic Information System in Ujung Kulon National Park. *BIOEDUSCIENCE*, 7(3), 297–305.
- Vivit Nurholifah, Handayani (2024). Vegetation analysis in Cipayung City Forest, East Jakarta may reveal the difficulty of natural reproduction based on age pyramid.
- Ratna Komala et al., Handayani (2024). Assess the level of damage to the coral reef ecosystem based on substrate coverage on Bira Island, Kepulauan Seribu, Indonesia. *BIODIVERSITAS*, 25(3), 971–977.
- Wirdateti, Eka Indriana, Handayani (2016). Analysis on Mitochondrial DNA Cytochrome Oxidase I (COI) Sequences of Indonesia Slow Lories (*Nycticebus* spp) as Marker to Improve Identification of Species.
- Handayani, Duryadi, D., Alikodra, H.S. (2011). Analysis DNA Mitochondrial to Sumatran Rhino in Genetic Conservation.
- Handayani et al. (2020–2025). Selected textbooks including Biologi Umum, Pengantar Lingkungan, Fisiologi Hewan, Taksonomi Hewan Vertebrata, Struktur dan Perkembangan Hewan, Genetika, and Dasar-dasar Bioteknologi.

PENGALAMAN RISET

- Investigation of the death of Javan rhinoceros in Ujung Kulon National Park, Indonesia.
- Analysis DNA mitochondria and Cytocrom-b Sumatran tapir in Kuala Lumpur, Malaysia.
- Analysis DNA mitochondrial (D-loop) and COI of Sumatran rhino at molecular laboratory, IPB.
- Analysis DNA mitochondria (D-loop, COI) and Cytocrom-b to Javan rhino at molecular laboratory, IPB.
- Ecological Risk Assessment (ERA) Course at IPB.
- Analysis DNA mitochondrial Cytocrom-B to banteng (*Bos javanicus*) at molecular laboratory, IPB.
- Analysis of endoparasites and influence infections in banteng in Ujung Kulon National Park.
- Modeling the Habitat Suitability of Javan Banteng Using Geographic Information System.

Dokumen disusun ulang dari CV sumber yang diberikan, dengan isi utama dipertahankan dan tata letak dibuat lebih profesional.