

EDUCATION

- 2011-2013 Master of Science, Biology Department, Airlangga University
- Graduated with Honors August 2013 (Cumlaude)
- 2006-2011 Bachelor of Science, Biology Department, Institut Teknologi Sepuluh Nopember
- Graduated in March 2011

EXPERIENCE

- 2014 - Now Lecturer in Biology Department, Institut Teknologi Sepuluh Nopember
- Taught courses in Ecology 1, Ecology 2, Biogeography, Biodiversity, Tropical rain forest ecology, Bioconservation
- 2011 - 2012 Surveyor and Researcher in Environment office - Surabaya city
- Collected and Analyzed biodiversity data in Surabaya
- 2008 – 2011 Laboratory assistant and Teaching assistant
- Taxonomy, Animal structure, Oceanography, Biology mangroves, Ecology (Animal and plants ecology)

MEMBERSHIP

- 2023 - Now
British Ecological Society (BES)
- 2020 - Now
Indonesian Society of Botanical Artists (IDSBA)
- 2019 - Now
Member of Burung Indonesia as part of Birdlife International

RESEARCH AND PROJECT

Main topic: Biogeography, Conservation, Wild species, Product innovation

- 2023- now
 - Habitat suitability and Population of Javan leopard in Bromo Tengger Semeru National Park, East java (Presented in Global Leopard Conference 2023)
 - Biodiversity of Accipitridae in Jabung, Bromo Tengger Semeru National Park
- 2022:
 - Biodiversity of Sumber Pawon Forest and Kelud Mountain, Kediri East Java
 - Presence of the Javan leopard in Bromo Tengger Semeru National Park, East java
- 2021:
 - The Mortality of Tree at Kediri forest (Collaboration with Daniel Zuleta Ph.D, ForestGEO)
- 2020:
 - Ecopackaging for the better product (Funding by Institute)
- 2019:
 - ITSBird: Online application on smartphone for birdwatching and bird count special for Surabaya area (on going patent) (Funding by Institute)
 - Movball: “Mangrove ball “innovation product and conservation based on local wisdom (on going patent) (Funding by Institute)
- 2018:
 - Bird biodiversity on citizen science (Online application for smartphone) (Funding by Institute)

- 2017:
 - Niche Modelling: Landscape Distribution Study of Migratory Bird in Surabaya (Funding by Institute)
- 2016:
 - Distribution Study of Migratory Bird in Surabaya East Coast–Pilot project (Funding by Institute)

PUBLICATION

Siswoyo, Agung. Iska Desmawati. Muhammad Nasrulloh. 2023. **Potential Habitat Distribution of Javan Leopard (*Panthera pardus melas* Cuvier 1809) in Bromo Tengger Semeru National Park.** Global Leopard Conference 2023.

N. Sri Hartati; Dini Viandi Ramadhani; Iska Desmawati; Rikno Harmoko; Enny Sudarmonowati. 2023. **Bioinformatics study of starch synthase (SS) gene variation in cassava (*Manihot esculenta*) and its potential use.** *IP Conference Proceedings* 2606, 040004 (2023).

Iska Desmawati, Angga Gian, Rizki Widyaningsih, Zulfan Febriawan, Saniah Kusnatur, Ory Kurnia, Alwi Muhammad, Dimas Wildan and Edo Danilyan. 2021. **Dry Season Bryophytes in Cangar HotSpring-Batu, East Java, Indonesia.** *Eco. Env. & Cons.* 27 (Special Issue) : 2021

M Reyes, K Zandberg, I Desmawati, ME de Bellard. 2010. **Emergence and migration of trunk neural crest cells in a snake, the California Kingsnake (*Lampropeltis getula californiae*).** *BMC developmental biology* 10, 1-14

Iska Desmawati, IT DT, M Nasrulloh. 2018. **Distribution study of migratory bird in Surabaya east coast as introduction to predict species adaptation through global warming impact.** *AIP Conference Proceedings* 2002 (1), 020035

BOOK

- Biodiversity@Its. Seri 3: Flora, 2014.
- Mangrove identification in East java coastal area. 2019
- Mangroves for children. 2022
- Panduan Lapangan Kupu-kupu Gerbang Kertasusila dan Sekitarnya. 2022 (Identification of Butterflies in Gerbang Kertasulila)

SPECIAL SKILL

Field sampling: Bird and mammals sampling, Camera trap, Trace surveys and Vegetation analysis
Software: Canoco for Windows 4.5, ArcMap, R, Sketch on animal and plant taxonomy

AFFILIATIONS

Biology Department, Institut Teknologi Sepuluh Nopember, Surabaya

2014-now