



Prof. Drs. Sutarno, M.Sc., Ph.D.

Teaching Areas:

Genetics
Biodiversity
Biotechnology
Molecular Biology

Organizations:

Chairman: Society for Indonesian Biodiversity

Editor-in-Chief Biodiversitas Journal

Director of Graduate School
UNS

 nnsutarno@staff.uns.ac.id

SELECTED PUBLICATIONS

2019. Genetic diversity of Ongole grade, aceh, and sumbawa cattle based on polymorphism on ND-5 fragment mitochondrial DNA using PCR-RFLP technique. *Biodiversitas*. Volume 20, Issue 3, 783-788.

2018. Interspecies and intraspecies genetic diversity of Ongole grade cattle and Madura cattle based on microsatellite DNA markers. *Biodiversitas*. Volume 19, pp: 1593-1600.

2018. The number of service per conception of Indonesian Friesian Holstein with Artificial Insemination in Selo, Boyolali, Central Java, Indonesia. *IOP Conference Series, Earth and environmental Science* Volume 142, Issue 1.

2018. Persistency of milk yield in Indonesian Holstein cows. *IOP Conference Series: Earth and Environmental Science* Volume 142.

RESEARCH PROJECTS

1. Conservation of the critically endangered sawfish *Pristis microdon*: comparative study of genetic diversity within and among populations from Indonesia and Australia
2. Genetic conservation of Indonesian native cattle: Microsatellite based genetic diversity and relationships among 5 breeds of Indonesian native cattle (Madura, Bali, North Sumatra, Aceh and PO cattle)
3. Increasing production of Indonesian Native cattle through Marker Assisted Selection (MAS) : Sequence variation of growth hormone gene and mitochondrial DNA of Indonesian native cattle breeds (Bali, Madura, PO, Aceh and Western Coast of Sumatra).

ACADEMIC CAREER

[1997-present] : Professor, Dept. of Biology, Faculty of Mathematics and Natural Sciences, Universitas Sebelas Maret.

[1999] Ph.D . Murdoch University, Perth, Australia

[1991] M.Sc. Newcastle University, Newcastle, NSW, Australia

[1985] Bachelor. Universitas Sebelas Maret Surakarta