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Personal Information

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Employment

1989 – Present **Permanent Lecturer Staff**
Faculty Of Science And Technology, UNAIR

1998 **Lecturer**
Faculty Of Science And Technology, UNAIR

2001 **Assistant Professor**
Faculty Of Science And Technology, UNAIR

Education

1983 – 1987 **Bachelor of Science (S.Si)**
Universitas Airlangga - Surabaya
Major in Biology

1992 – 1995 **Master of Science (M.Si)**
Institut Teknologi Bandung - Bandung
Major in Biology

Public Service Experience

- 2016** Discussion of KA EA Assessment, Constructing of Agrowisata Kusuma Area in District Batu, Environmental Agency of East Java
- 2016** Discussion of KA EA Assessment, Constructing and Operating integrated jetty on along 1000 km terminal tank in 18 ha by PT. Natpacgrahaarthamas in Village Sedayu Lawas District of Brondong, Lamongan Environmental Agency of East Java
- 2015** Discussion of KA EA Assessment, Constructing of residential areas, commerce / shopping, water park and hotel by PT City Purnama Investama in sub-district Kemayoran, District Bangkalan, Bangkalan Environmental Agency of East Java
- 2015** Discussion of Addendum, ANDAL, RKL, RPL Assessment in dock constructing (DUKS-Dermaga untuk Kepentingan Sendiri) PT. Karya Indah Alam Sejahtera, Environmental Agency of East Java, Gresik in Village Sukomulyo, District Manyar
- 2015** Discussion of ANDAL, RKL, RPL Assessment for Building fish landing ports (Pelabuhan Pendaratan Ikan (PPI)) Tambakrejo, in District Wonotirto, Blitar. The Environment Agency of East Java
- 2015** Discussion of KA-EIA Document for Building Agrokusuma Area in District Batu, Batu. The Environment Agency of East Java
- 2015** Discussion of KA-EIA Document for Building Nickel Ore Processing Factory Using Technology hydro and pyro metallurgy by PT. Gebe Nickel Industry in Gresik, The Environment Agency of East Java
- 2015** Discussion of Assessment of Addendum, ANDAL, RKL, RPL in addition of iodine and pharmaceutical industries PT. Kimia farma (Persero) Tbk plant Watudakon, Environmental Agency of East Java
- 2015** Discussion of Assessment of Addendum, ANDAL, RKL, RPL in special terminal of PT Cement Indonesia (Persero) in Village of Socorejo, District Jenu, Tuban, Environmental Agency of East Java
- 2015** Discussion of KA EA Assessment of Fishery Product Processing Industry PT. Tuna Indonesia Mandiri, Environmental Agency of East Java
- 2015** Discussion of ANDAL, RKL, RPL Evaluation, and Reclamation of PT. Surya Sarana Marine in Area 47.58 ha in Village Sukomulyo, District of Manyar, Gresik, Environmental Agency of East Java
- 2015** Discussion of EIA, RKL documents, RPL Assessment activity in widening, deepening, and operating of the APS in Madura Strait, Environmental Agency of East Java
- 2015** Training of Relationship Analysis Using Cladistic Methods For Senior High School Teacher in Surabaya and around Surabaya
- 2014** Training of Solid Waste Management For Environmental Volunteer From RT. 1 RW. 2 Keputih Village, Sukolilo District, Surabaya
- 2013** Training of Environmental Monitoring With Satellite Imaging For Geography Senior High School Teacher in Surabaya and around Surabaya
- 2012** Empowerment of Community in Coastal Area For Solid Waste Treatment
- 2012** Attention of Community In Kejawen Putih Tambak Village, Mulyorejo District In Solid Waste

	Management
2011	Microbiology Analysis for Quality Control of Mineral Water Industry
2010	Introduction of Water Filtration In Tempurejo Village, Bojonegoro, Indonesia
2010	Enhanced Competency of Biology Teacher of Senior High School

Organization

1989 – Present	Indonesian Biology Association
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Research Interest

- Ecology

Research Experience

No.	Years	Title
1	2016	Adaptasi Ikan Nila terhadap Perubahan Salinitas dan Kadar Timbal (Pb): Dampak terhadap Respon Hematologis, Imunologis, Regulasi Ionik dan Osmotik
2	2016	Pemanfaatan Limbah Padat Pabrik Agar-Agar Berbahan Dasar <i>Gracilaria sp.</i> Sebagai Adsorben Hg, Pb, dan Cd
3	2016	Solid Waste Utilization of Plant - Based Agar <i>Gracilaria sp</i> as Adsorbent Hg, Pb , and Cd (2ndyear)
4	2015	Solid Waste Utilization of Plant - Based Agar <i>Gracilaria sp</i> as Adsorbent Hg, Pb , and Cd (1st - Year)
5	2014	Kandungan Logam Berat Pb, Cu, dan Cr pada Hewan dan Tumbuhan Air di Sekitar TPA Jabon.
6	2013	Monitoring environmental quality around the Kupang-Jabon landfill as environmental conservation efforts
7	2012	Anaerobic Baffled-Bio filter Process For Canteen Waste water of Faculty Science and Technology, Airlangga University
8	2011	Anaerobic-Aerobic Treatment Efficiency of Canteen Waste water of Faculty Science and Technology, Airlangga University

Publication

- Pemanfaatan Limbah Padat Pabrik Agar-Agar Berbahan Dasar *Gracilaria sp.* Sebagai Adsorben Hg, Pb, dan Cd. 2015
- Effect of cadmium on survival osmoregulatio and gill structureof the sunda prawn, *Mcrobrachium sintangense* (de Man), at different salinities 47(5)349-360 Marine and freshwater behaviour and physiology. 2014
- Methane productio potential froom canteen wastewater with anaerobic biofilter Scientific conference of environmental technology IX. 2012
- Effect Hydraulic Agitation Using Anaerobic Bio-filter For Treated Domestic Wastewater 18 Journal of Biological

Research. 2012

- Toksitas abu dasar (Bottom ash) dan abu terbang (fly ash) batubara terhadap kutu air (*Moina macrocopa*) 3B edisi khusus Journal of Biological Research. 2009