

Prof. Dr. Tri Retnaningsih Soeprbowati, M.AppSc

Important publications over the last 5 years		
year	Title	Journals
2021	The Relationship of Water Quality Parameters to Epipellic Diatom Assemblages in Cebong Lake, Dieng Indonesia	Polish journal of environmental studies (accepted) ISSN 12301485
2021	Land-use changes concerning the riparian vegetation in Galela Lake, North Maluku, Indonesia	Ecological Engineering (revised) ISSN 09258574
2021	Physico-chemical and biological water quality of Warna and Pengilon Lakes, Dieng, Central Java	Journal Water and Land Development (accepted) ISSN 14297426
2021	The Growth Rate of Water Hyacinth (<i>Eichhornia crassipes</i> (Mart.) Solms) in Rawapening Lake, Central Java	J. Ecol. Eng. 2021; 22(6):222–231 DOI: https://doi.org/10.12911/22998993/137678 ISSN 2299–8993
2021	Trace Metals and Diatom Stratigraphy along the Sill between Lakes Telaga Warna and Telaga Pengilon, Dieng, Central Java, Indonesia	Sustainability 13(7): 3821 https://doi.org/10.3390/su13073821 ISSN: 2071-1050
2021	Water quality of Gatal Lake, Kotawaringin Lama, Central Kalimantan	Journal of Ecological Engineering 22(3): 99-110 https://doi.org/10.12911/22998993/132427 ISSN 2299–8993
2020	The Comparison of Different Diatom Digestive Method using HCl-H ₂ O ₂ and HCl-KMnO ₄ in Telaga Pengilon Dieng	Indonesia Journal of Limnology 1 (1): 19-26 http://inajl.org/index.php/inajl/article/view/5/3
2020	Geospatial distributions of organochlorine insecticide in shallot agriculture land at Wanasari sub-district, Brebes regency, Central Java, Indonesia	E3S Web of Conferences 202, 06009 (2020) https://doi.org/10.1051/e3sconf/202020206009 ISSN: 22671242

2020	Sustainability of <i>Teredo navalis</i> L and Environmental Management Strategies in the Pandemic Era COVID-19	E3S Web Conf., 202 (2020) 03003 https://doi.org/10.1051/e3sconf/202020203003 ISSN: 22671242
2020	The Analyze of Collaborative Management Perspective of Petungkriyono Forest	E3S Web Conf., 202 (2020) 05014 https://doi.org/10.1051/e3sconf/202020205014 ISSN: 22671242
2020	Water quality assessment based on microbiological parameter indicators for drinking water criteria on the Wadaslintang Reservoir	E3S Web Conf., 202 (2020) 05019 https://doi.org/10.1051/e3sconf/202020205019 ISSN: 22671242
2020	Metal Concentrations and Bio-Concentration Factor (BCF) in Surface Water and Economical Fish Species from Wadaslintang Multipurpose Dam, Wonosobo, Indonesia	IOP Conf. Series: Earth and Environmental Science 593 (2020) 012024 https://iopscience.iop.org/article/10.1088/1755-1315/593/1/012024 doi:10.1088/1755-1315/593/1/012024 ISSN: 17551315
2020	Pollen and diatom evidence of sea water intrusion, east flood canal, Semarang, Indonesia	Environmental Earth Sciences 79 (462) ISSN: 18666299 https://doi.org/10.1007/s12665-020-09186-x
2020	<i>Lumbricus terrestris</i> Linnaeus1758 and <i>Pheretrima</i> sp as a Bioremediator in Cooper and Cadmium Polluted Soil	Technology Reports of Kansai University 62(07) Agustus 2020 (ISSN: 04532198) https://www.kansaiuniversityreports.com/article/lumbricus-terrestris-linnaeus-1758-and-pheretrima-sp-as-a-bioremediator-in-cooper-and-cadmium-polluted-soil
2020	Potential Threat of Heavy Metal Accumulation in Aquatic Biota from Wadaslintang Reservoir, Central Java, Indonesia	Technology Reports of Kansai University 62(06) JULI 2020 (ISSN: 04532198) https://www.researchgate.net/publication/343362414_Potential_Threat_of_Heavy_Metal_Accumulation_in_Aquatic_Biota_from_Wadaslintang_Reservoir_Central_Java_Indonesia?isFromSharing=1
2020	Plankton community structure and trophic status of Wadaslintang Reservoir, Indonesia	AAFL Bioflux, 2020 13(2): 1138 - 1151 ISSN: 18449166 http://www.bioflux.com.ro/docs/2020.1138-1151.pdf

2020	Biophysics of Mangrove Vegetation Environment: A Case Study of <i>Teredo Navalis</i> L in East Halmahera Regency	<i>International Journal of Advanced Science and Technology</i> , 29(04), 2436 - 2445. http://sersc.org/journals/index.php/IJAST/article/view/21069
2020	Changes in the Land Use Pattern of the Parat River Sub- watershed, Salatiga, Central Java	IOP Conf. Series: Earth and Environmental Science 477 (2020) 012017 https://iopscience.iop.org/article/10.1088/1755-1315/477/1/012017/pdf
2020	Survival and Performance of <i>Hydrilla verticillata</i> (L.f.) Royle and <i>Eichhornia crassipes</i> (Mart.) Solms as Phytoremediator on Leachate of Jatibarang Landfill in Semarang, Central Java	IOP Conf. Series: Earth and Environmental Science 477 (2020) 012008 ISSN 17551315 https://iopscience.iop.org/article/10.1088/1755-1315/477/1/012008
2020	Mangrove conservation and its implication on community life of bedono village, Demak, Central Java	AIP Conf. Proc. 2231, 040041-1–040041-5 ISSN: 15517616 https://doi.org/10.1063/5.0002627
2020	Biodiversity as a tool for environmental assessment	AIP Conf. Proc. 2231, 030001-1–030001-8; https://doi.org/10.1063/5.0002508 ISSN: 15517616 https://doi.org/10.1063/5.0002508
2020	Kualitas Air dan Indeks Pencemaran Danau Galela	<i>Jurnal Ilmu Lingkungan</i> Vol 18, No 2 (2020): Agustus 2020 236-241 https://doi.org/10.14710/jil.18.2.240-246 SINTA 2
2020	Perubahan Tata Guna Lahan Sekitar Danau Galela	<i>Jurnal Ilmu Lingkungan</i> , vol. 18, no. 1, pp. 140-145 Issn : 18298907 https://doi.org/10.14710/jil.18.1.140-145 SINTA 2
2019	Epipellic diatom communities in Pengilon Lake Dieng, Central Java	E3S Web of Conference 125, 01023. https://doi.org/10.1051/e3sconf/201912501023 ISSN: 2267-1242

2019	Environmental factors supporting mangrove ecosystem in Semarang-Demak Coastal Area	E3S Web of Conference 125, 01021. https://doi.org/10.1051/e3sconf/201912501021 ISSN: 2267-1242
2019	Alternative main food from <i>Discorea alata</i> : its potency from Central Java Indonesia	IOP Conf. Series: Journal of Physics: Conf. Series 1217 (2019) 012172 https://iopscience.iop.org/article/10.1088/1742-6596/1217/1/012172/pdf https://doi.org/10.1088/1742-6596/1217/1/012172 ISSN: 17426596
2019	Morphologic characteristics and population density of <i>Toredo navalis</i> L in mangrove forest area, Wailukum East Halmahera Regency	IOP Conf. Series: Journal of Physics: Conf. Series 1217 (2019) 012141 https://iopscience.iop.org/article/10.1088/1742-6596/1217/1/012141/pdf https://doi.org/10.1088/1742-6596/1217/1/012141 ISSN: 17426596
2019	Paleolimnology Record of Human Impact on a Lake Ecosystem: The Case of Shallow Lakes in Central Java	IOP Conf. Series: Earth and Environmental Science 276 (2019) 012015 https://iopscience.iop.org/article/10.1088/1755-1315/276/1/012015 https://doi.org/10.1088/1755-1315/276/1/012015 ISSN: 00002011
2019	Shoreline and mangrove analysis along Semarang-Demak, Indonesia for sustainable environmental management	JPII 8 (1) (2019) 1-11 https://journal.unnes.ac.id/nju/index.php/jpii/article/view/17892 https://doi.org/10.15294/jpii.v8i1.17892 ISSN: 23391286
2019	Fikoremediasi Kualitas Lindi TPA Jatibarang Terhadap Efektifitas Lemna minor dan <i>Ipomoea aquatica</i>	JURNAL ILMU LINGKUNGAN 17(1):107-112 https://ejournal.undip.ac.id/index.php/ilmulingkungan/article/view/22238/pdf doi:10.14710/jil.17.1.107-112 ISSN 1829-8907 SINTA 2
2019	Water Pollution Index of Batujai Reservoir, Central Lombok Regency-Indonesia	Journal of Ecological Engineering 20(3): 219-225 https://doi.org/10.12911/22998993/99822 ISSN: 2299-8993

2019	Energy storage system from galvanic cell using electrolyte from a plant as an alternative renewable energy	<i>IOP Conf. Ser.: Mater. Sci. Eng.</i> 509 012045 https://iopscience.iop.org/article/10.1088/1757-899X/509/1/012045 https://doi.org/10.1088/1757-899X/509/1/012045 ISSN: 00002009
2018	Tree diversity and structure around galela lake, north minush halmahera Indonesia	<i>Indian Journal of Ecology</i> (2018) 45(4): 704-710 ISSN: 03045250
2018	Community structure and species diversity of Diatom in area between Telaga Warna and Telaga Pengilon, Indonesia	<i>International Research Journal of Environmental Science</i> 7((11): 1-6, November 2018. http://www.isca.in/IJENS/Archive/v7/i11/1.ISCA-IRJEvS-2018-060.php ISSN: 2319-11414
2018	An Overview of Marine Mammals in Eastern Indonesia 2016: Implications for Marine Mammals Research and Conservation	<i>E3S Web of Conferences</i> 73, 04017 (2018) https://doi.org/10.1051/e3sconf/20187304017 https://doi.org/10.1051/e3sconf/20187304017 ISSN 2267-1242
2018	Potential vegetation in supporting conservation of komodo dragons in Ontoloe Island Flores indonesia	<i>International journal of Conservation Science</i> 9(3) July - September: 463-474. http://www.ijcs.uaic.ro/public/IJCS-18-42_Wake.pdf ISSN: 2067-533x
2018	Bioaccumulation of lead (Pb) by the common water hyacinth <i>Eichhornia crassipes</i> (Mart.) Solms in Batujai Reservoir, Central Lombok Regency, Indonesia	<i>AAFL Bioflux</i> 11(5): 1435-1444 http://www.bioflux.com.ro/docs/2018.1435-1444.pdf
2018	Diatom assemblage in the 24 cm upper sediment associated with human activities in Lake Warna Dieng Plateau Indonesia	<i>Environmental Technology & Innovation</i> 10:314-323 https://doi.org/10.1016/j.eti.2018.03.007 SCOPUS
2018	Extended benefit cost analysis as an instrument of economic valuated in Petungkriyono forest ecosystem services	<i>Journal of Physics: Conference Series</i> 1025, conference 1 doi :10.1088/1742-6596/1025/1/012034 http://iopscience.iop.org/article/10.1088/1742-6596/1025/1/012034 ISBN: 17426588

2018	The invasive alien plants threatened the balance of ecosystem in conservative area in Ontoloe Island, Flores-Indonesia	Journal of Physics: Conference Series 1025, conference 1 doi :10.1088/1742-6596/1025/1/012034 http://iopscience.iop.org/article/10.1088/1742-6596/1025/1/012033 issn: 17426588
2018	The evaluation of water hyacinth (<i>Eichhornia crassiper</i>) control program in Rawapening Lake, Central Java Indonesia	IOP Conference Series: Earth and Environmental Science 142, conference 1 doi :10.1088/1755-1315/142/1/012016 http://iopscience.iop.org/article/10.1088/1755-1315/142/1/012016 ISSN: 00002011
2018	Find the future from the past: Paleolimnology in Indonesia	E3S Web Conf., 31 (2018) 08002 https://doi.org/10.1051/e3sconf/20183108002 ISSN 2267-1242
2018	Implementation of State Obligations and Responsibility Ensuring the Availability of Clean Water in Karimunjawa Islands	E3S Web Conf., 31 (2018) 09004 https://doi.org/10.1051/e3sconf/20183109004 ISSN 2267-1242
2018	Analysis of Urban Forest Needs as Anthropogenic (CO2) Gas Absorbent in Semarang City	E3S Web Conf., 31 (2018) 07007 https://doi.org/10.1051/e3sconf/20183107007 ISSN 2267-1242
2018	Heavy Metal Content in Terraced Rice Fields at Sruwen Tenganan Semarang - Indonesia	E3S Web Conf., 31 (2018) 03009 https://doi.org/10.1051/e3sconf/20183103009 ISSN 2267-1242
2017	Lake Management: Lesson Learn from Rawapening Lake	<i>Advanced Science Letters</i> Vol. 23, 6495–6497, 2017 ISSN print 1936-6612 http://www.ingentaconnect.com/content/asp/asl/2017/00000023/00000007/art00110 ISSN: 19366612
2017	Diversity of Invasive Plants in The Panjang Island Reserve Jepara Central Java, Indonesia (co author)	<i>Advanced Science Letters</i> Vol. 23, 6493–6494, 2017 http://www.ingentaconnect.com/content/asp/asl/2017/00000023/00000007/art00109
2017	The phycoremediation of textile wastewater discharge by <i>Chlorella pyrenoidosa</i> H. Chick, <i>Arthrospira platensis</i> Gomont, and <i>Chaetoceros calcitrans</i> (Paulson) H. Takano.	AACL Bioflux 10(3):640-651. http://www.bioflux.com.ro/home/volume-10-3-2017/ SCOPUS
2017	The Diversity and Regeneration Of Mangrove On Panjang Island Jepara Central Jawa	International Journal of Conservation Science, Vol 8 (2) 2017, pp. 289-294 ISSN 2067-533X http://www.ijcs.uaic.ro/public/IJCS-17-29_Utami.pdf

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2017	Environmental carrying capacity based on land balance for evaluation planning of spatial and regional in Solok ReGENCY, West Sumatra	Journal of Ecological Engineering 18(3): 22-30 DOI: https://doi.org/10.12911/22998993/69360 SCOPUS
2017	Analysis of environmental carrying capacity based on land balance in Solok ReGENCY, West Sumatra	Advance Science Letter 23(3): 2407-2409 http://www.ingentaconnect.com/content/asp/asl/2017/00000023/00000003/art00222 SCOPUS ISSN: 19366612
2017	Bird species biodiversity in Coastal area of Panjang Island Jepara, Central Java	Advance Science Letter 23(3): 2582-2583 http://www.ingentaconnect.com/search;jsessionid=1avj5n0bc3lcl.x-ic-live-03?form_name=quicksearch&ie=%E0%A5%B0&x=TRI+RETNANINGSIH+SOEPROBOWATI&option2=author&value2=TRI+RETNANINGSIH+SOEPROBOWATI SCOPUS
2017	Challenges for the development of resilient coastal area program in Timbulsloko village Sayung District Demak ReGENCY	Advance Science Letter 23(3): 2582-2583 http://www.ingentaconnect.com/search/article?option2=author&value2=TRI+RETNANINGSIH+SOEPROBOWATI&freetype=unlimited&sortDescending=true&sortField=default&pageSize=10&index=3 SCOPUS
2017	Diatoms and water quality of Telaga Warna Dieng, Java Indonesia	IOP Conference series: Earth and Environmental Science 55(1) ISSN 127 http://iopscience.iop.org/article/10.1088/1755-1315/55/1/012051/meta ISSN: 00002011 SCOPUS, SJR 0,15
2017	Diatoms, Water Quality of Toba Lake and Its Management	Proceeding 16 World Lake Conference. http://mbio.undip.ac.id/wp-content/uploads/2015/05/Diatoms-Water-Quality-of-Toba-Lake-and-Its-Management+sertifikat.protected.pdf
2016	The minimum number of valves for diatom identification in Rawapening Lake, Central Jawa	Biotropia 23(2): 96-104 https://journal.biotrop.org/index.php/biotropia/article/viewFile/486/305 SCOPUS
2016	The water quality parameters controlling diatoms assemblage in Rawapening Lake, Indonesia	Biodiversitas 17(2): 657-664 http://biodiversitas.mipa.uns.ac.id/D/D1702/D170239.pdf DOAJ, Scopus, Crossref (SJR: 0.17)
2016	Daya Dukung Jalur Pendakian Bukit Raya Di Taman Nasional Bukit Baka Raya Kalimantan Barat	Jurnal Ilmu Lingkungan 14 (2) 2016: 72-76 http://www.ejournal.undip.ac.id/index.php/ilmulingkungan/article/viewFile/14596/PDF SINTA2
2016	Hubungan Kemelimpahan Chlorella sp Dengan Kualitas Lingkungan Perairan	Jurnal Ilmu Lingkungan 14 (2) 2016: 77-81 http://ejournal.undip.ac.id/index.php/ilmulingkungan/articl

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