

## Endita Prima Ari Pratiwi

### Keterangan



**Nama** : Endita Prima Ari Pratiwi, S. T., M. Eng, Ph.D.

**Bidang Keahlian** : Irrigation, Water Resources, Paddy Field Engineering

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Scopus : <https://www.scopus.com/authid/detail.uri?authorId=57057682900>

Google Scholar: <https://scholar.google.co.id/citations?user=Eqv8DBEAAA&hl=en>

### LATAR BELAKANG PENDIDIKAN :

- S.T. : Jurusan Teknik Sipil dan Lingkungan, Universitas Gadjah Mada
- M.Eng. : Jurusan Teknik Sipil dan Lingkungan, Universitas Gadjah Mada
- Ph.D. : Irrigation and Water Management Kyushu University, Japan

### PUBLIKASI JURNAL

TAHUN	JUDUL	STATUS	JURNAL	DOI
2020	The Impacts of Flood and Drought on Food Security in Central Java	Penulis 1	Journal of The Civil Engineering Forum	2549-5925
2020	Analysis of Water-Saving Irrigation with Organic Materials at Different Percentages for Rice Cultivation	Penulis 3	Journal of the Civil Engineering Forum	2581-1037
2020	Analysis of Water-Saving Irrigation with Organic Materials at Different Percentages for Rice Cultivation	Penulis 2	Journal of the Civil Engineering Forum	2581-1037
2020	Improved Integration Services In LRT Mode, BRT Trans Musi And River Transport In Palembang		International Water Transport Journal (IWTJ)	
2016	Rice Husk Biochar Application to Paddy Soil and its Effects on Soil Physical Properties, Plant Growth, and Methane Emission	Penulis 1	Paddy and Water Environment 13 January 2016, Pages 1-1	1611-2490
2016	The Effects of Rice Husk Char on Ammonium, Nitrate and Phosphate Retention and Leaching in Loamy Soil	Penulis 1	Geoderma	0016-7061

### PUBLIKASI PROSIDING

TAHUN	JUDUL	STATUS	PROSIDING	TINGKAT
2022	Development of A Two-storage Reservoir Operation Rules for Flood Control Case Study of Wonogiri Multipurpose Reservoir, Central Java, Indonesia		IOP Conference Series: Earth and Environmental Science, Volume 1091,	Internasional
2021	Pengaruh Perubahan Tutupan Lahan Terhadap Debit Tersedia dan Kebutuhan Air Irigasi Daerah Irigasi Bendung Air Manjuntjo	Penulis 3	Simposium Nasional Teknologi Infrastruktur (SNTI) Abad 21	Nasional
2021	"KOREKSI DAN VALIDASI DATA CURAH HUJAN SATELIT GPM-IMERG DAN CHIRPS DI DAS SELOREJO, KABUPATEN MALANG"		Proceeding CEEDRIMS 2021	Nasional



TAHUN	JUDUL	STATUS	PROSIDING	TINGKAT
2020	Precipitation and flood impact on rice paddies: Statistics in Central Java, Indonesia	Penulis 1		Internasional
2020	Evaluasi Kinerja Bendung Kamijoro untuk Daerah Irigasi Kamijoro Kabupaten Bantul, Provinsi Daerah Istimewa Yogyakarta	Penulis 3	Prosiding Seminar Nasional Teknik Sipil 10 Tantangan dan Inovasi Teknologi Dalam Menghadapi Kegagalan Konstruksi dan Struktur Bangunan"	Nasional
2020	Optimasi Pemanfaatan Air Waduk Tukul menggunakan Model Simulasi Operasi Waduk Multi Kriteria	Penulis 3	Prosiding Seminar Nasional Teknik Sipil 10 Tantangan dan Inovasi Teknologi Dalam Menghadapi Kegagalan Konstruksi dan Struktur Bangunan"	Nasional
2020	Precipitation and flood impact on rice paddies: Statistics in Central Java, Indonesia	Penulis 1	IOP Conf. Series: Earth and Environmental Science, Volume 612	Internasional
2020	Study of inundation control on Kelayan Regional Inundation Handling Unit in Banjarmasin, South Borneo	Penulis 3	IOP Conference Series: Earth and Environmental Science, Volume 448,	Internasional
2020	Application of various types of local microorganisms to the growth and production of two rice varieties		IOP Conference Series: Earth and Environmental Science, Volume 575	Internasional
2020	EVALUASI KONDISI PRASARANA FISIK 15 DAERAH IRIGASI DI SULAWESI TENGAH UNTUK MENDUKUNG PENGAMBILAN KEPUTUSAN PRIORITAS REHABILITASI		Prosiding PIT HATHI ke-36	Nasional
2019	Flood and Drought Affect Food Security in Central Java	Penulis 1		Internasional
2019	Pengaruh Hujan Terhadap Operasi Pintu Pengambilan Bendung Cokrobedog Dan Gamping	Penulis 1		Nasional
2018	Increasing Water Productivity in Rice Production Through Organic Amendments Under Water Saving Irrigation	Penulis 1	Multi-perspective Water for Sustainable Development	Internasional

## PENELITIAN

TAHUN	JUDUL	STATUS	PENYANDANG DANA	TINGKAT
2022	Perbandingan Indeks Kekeringan Meteorologi untuk Memprediksi Dampak Kekeringan terhadap Produksi Pangan	Ketua Peneliti	Hibah Penelitian DTSL 2022	Nasional
2021	Dampak Kekeringan Meteorologi dan Kekeringan Hidrologi Terhadap Pertanian Padi di Provinsi Jawa Tengah	Ketua Penelitian	Hibah Penelitian Dana DTSL 2020	Nasional
2021	Pengembangan Perangkat Lunak Model Simulasi Neraca Air untuk Penyusunan Rule Curve Waduk Studi Kasus Waduk Serbaguna Wonogiri, Jawa Tengah	Anggota Penelitian	Hibah Penelitian Dana DTSL 2020	Nasional
2020	Iklim, Kekeringan, dan Ketahanan Pangan di Indonesia (Climate, Drought, and Food Security in Indonesia)	Ketua Penelitian	Hibah Penelitian Dana DTSL 2020	Nasional
2019	Banjir dan Kekeringan Mempengaruhi Ketahanan Pangan di Propinsi Jawa Tengah	Ketua Penelitian		Nasional
2017	Kajian Pengaruh Penambahan Bahan Organik dan Arang terhadap Pelindihan N dan P dari Tanah Sawah	Ketua Penelitian	DTSL FT UGM	Nasional