

## DAFTAR RIWAYAT HIDUP

Nama	Dr. Mawiti Infantri Yekti, ST., MT.
NIP	19721012 199903 2 003
NIDN	0012107204
Pangkat/Jabatan	Pembina IVa/Lektor Kepala
E-mail	<a href="mailto:mawitiinfantriyekti@uny.ac.id">mawitiinfantriyekti@uny.ac.id</a> ; <a href="mailto:mawiti91@gmail.com">mawiti91@gmail.com</a>
ID Sinta	6104258
h-Index Sinta	h-Index Scopus 2; h-Index Google Scholar 5

### Publikasi di Jurnal Internasional Terindeks

No	Judul Artikel	Peran	Identitas Jurnal	URL artikel
1	Sustainable Clean Water Supply Management in The South Bali, Indonesia	Penulis ketiga	Water Conservation and Management (Q3) <a href="https://www.watconman.org/">https://www.watconman.org/</a>	<a href="https://www.watconman.org/current-issue/">https://www.watconman.org/current-issue/</a>
2	Revitalization of Irrigation Area Based on Optimization and Risk of Land Failure	Penulis ketiga	Universal Journal of Agricultural Research (Q4) <a href="https://www.hrpub.org/journals/jour_info.php?id=04">https://www.hrpub.org/journals/jour_info.php?id=04</a>	<a href="http://hrpub.org/journals/article_info.php?id=13775">hrpub.org/journals/article_info.php?id=13775</a>
3	Navigating Environmental Risks: Exploring the Effects of Flood Hydrographs and Probable Maximum Floods in a Series Cascade Reservoir System-A Case Study	Penulis ketiga	Civil Engineering and Architecture (Q4) <a href="https://www.hrpub.org/journals/jour_info.php?id=48">https://www.hrpub.org/journals/jour_info.php?id=48</a>	<a href="https://www.hrpub.org/journals/article_info.php?aid=13588">https://www.hrpub.org/journals/article_info.php?aid=13588</a>
4	The Tamblang Dam Break Analysis using HEC-RAS 5.0. 7 and PenRis Hazard Classification in Indonesia	Penulis pertama dan koresponden	Arabian Journal of Geosciences (Springer) <a href="https://link.springer.com/journal/12517">https://link.springer.com/journal/12517</a>	<a href="https://link.springer.com/article/10.1007/s12517-023-11446-6">https://link.springer.com/article/10.1007/s12517-023-11446-6</a>
5	Operational analysis of South Bali's integrated regional water company related to the Sidan Dam operational plan	Penulis ketiga	International Research Journal of Engineering, IT & Scientific Research (Thomson Reuters) <a href="https://sloap.org/journals/index.php/irjeis/issue/view/150">https://sloap.org/journals/index.php/irjeis/issue/view/150</a>	<a href="https://sloap.org/journals/index.php/irjeis/article/view/2345">https://sloap.org/journals/index.php/irjeis/article/view/2345</a>
6	Status of Raw Water Management Sustainability Based on Local Wisdom on Rural Water Supply in Bali, Indonesia	Penulis ketiga	Civil Engineering and Architecture (Q4) <a href="https://www.hrpub.org/journals/jour_info.php?id=48">https://www.hrpub.org/journals/jour_info.php?id=48</a>	<a href="https://www.hrpub.org/journals/article_info.php?aid=12582">https://www.hrpub.org/journals/article_info.php?aid=12582</a>
7	Analysis of Non Domestic Water Needs in The Clean Water Supply in Badung Regency	Penulis ketiga	International Research Journal of Engineering, IT & Scientific Research (Thomson Reuters)	<a href="https://sloap.org/journals/index.php/irjeis/article/view/2250">https://sloap.org/journals/index.php/irjeis/article/view/2250</a>

			<a href="https://sloap.org/journals/index.php/irjeis/issue/view/134">https://sloap.org/journals/index.php/irjeis/issue/view/134</a>	
8	Groundwater Level Forecasting Using Multiple Linear Regression and Artificial Neural Network Approaches	Penulis ketiga	Civil Engineering and Architecture (Q4) <a href="https://www.hrpub.org/journals/article/info.php?id=48">https://www.hrpub.org/journals/article/info.php?id=48</a>	<a href="https://www.hrpub.org/journals/article/info.php?aid=11912">https://www.hrpub.org/journals/article/info.php?aid=11912</a>
9	The Stable Isotopes Approach as Tracers to Investigate the Origin of Groundwater in The Unconfined Aquifer of Denpasar, Bali	Penulis ketiga	Acta Montanistica Slovaca (Q3) <a href="https://actamont.tuke.sk/index.html">https://actamont.tuke.sk/index.html</a>	<a href="https://actamont.tuke.sk/pdf/2022/n4/11ardana.pdf">https://actamont.tuke.sk/pdf/2022/n4/11ardana.pdf</a>
10	Sidan Reservoir Operation Model for System Analysis of Ayung River Basin with RIBASIM	Penulis pertama dan koresponden	Agricultural Engineering International: CIGR Journal (Q3) <a href="https://cigrjournal.org/index.php/Ejournal/index">https://cigrjournal.org/index.php/Ejournal/index</a>	<a href="https://cigrjournal.org/index.php/Ejournal/article/view/5725">https://cigrjournal.org/index.php/Ejournal/article/view/5725</a>
11	Learning From Experiences of Ancient Subak Schemes for Participatory Irrigation System Management in Bali	Penulis pertama dan koresponden	Irrigation and Drainage (Q2) <a href="https://onlinelibrary.wiley.com/journal/15310361">https://onlinelibrary.wiley.com/journal/15310361</a>	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/ird.2122">https://onlinelibrary.wiley.com/doi/abs/10.1002/ird.2122</a>
12	Discharge Analysis for A System Approach to River Basin Development with Subak Irrigation Schemes As A Culture Heritage in Bali	Penulis pertama dan koresponden	Agricultural Engineering International: CIGR Journal (Q3) <a href="https://cigrjournal.org/index.php/Ejournal/index">https://cigrjournal.org/index.php/Ejournal/index</a>	<a href="https://cigrjournal.org/index.php/Ejournal/article/view/3935">https://cigrjournal.org/index.php/Ejournal/article/view/3935</a>

#### Publikasi di Jurnal Nasional Terakreditasi

No	Judul Artikel	Peran	Identitas Jurnal	URL artikel
1	Optimising Flood Risk Reduction in Bali's Provincial Government Center through Cultural Philosophy Approach and GIS-based Conservation of Infiltration Wells	Penulis kedua	Jurnal Presipitasi: Media Komunikasi dan Pengembangan Teknik Lingkungan (Sinta 2) <a href="https://ejournal.undip.ac.id/index.php/presipitasi/index">https://ejournal.undip.ac.id/index.php/presipitasi/index</a>	<a href="https://ejournal.undip.ac.id/index.php/presipitasi/article/view/57780">https://ejournal.undip.ac.id/index.php/presipitasi/article/view/57780</a>
2	Perencanaan Sistem Pemanenan Air Hujan dalam Memenuhi Kebutuhan Air di Nusa Penida (Rainwater Harvesting System Planning to Meet Water Needs in Nusa Penida)	Penulis kedua	Jurnal Penelitian Pengelolaan Daerah Aliran Sungai (JPPDAS) Sinta 2 <a href="https://ejournal.aptklhi.org/index.php/JPPDAS">https://ejournal.aptklhi.org/index.php/JPPDAS</a>	<a href="https://ejournal.aptklhi.org/index.php/JPPDAS/article/view/131">https://ejournal.aptklhi.org/index.php/JPPDAS/article/view/131</a>
3	Evaluation of Flood Handling at Seminyak Way II, in The Tukad Mati	Penulis kedua	LOGIC: Jurnal Rancang Bangun dan Teknologi (Sinta 3)	<a href="https://ojs2.pnb.ac.id/index.php/LOGIC/article/view/107">https://ojs2.pnb.ac.id/index.php/LOGIC/article/view/107</a>

	Drainage Sub System		<a href="https://ojs2.pnb.ac.id/index.php/LOGIC/about">https://ojs2.pnb.ac.id/index.php/LOGIC/about</a>	<a href="#">9</a>
4	Analisis Kehilangan Air atau Non Revenue Water (NRW) pada Sistem Distribusi Air Minum Perumda Air Minum Tirta Sanjiwani Kabupaten Gianyar	Penulis kedua	Jurnal Spektran (Sinta 5) <a href="https://ojs.unud.ac.id/index.php/jsn/index">https://ojs.unud.ac.id/index.php/jsn/index</a>	<a href="https://ojs.unud.ac.id/index.php/jsn/article/view/97514">https://ojs.unud.ac.id/index.php/jsn/article/view/97514</a>
5	Perancangan Rainwater Harvesting dengan Communal Rainwater Tank di Desa Baturinggit Kabupaten Karangasem	Penulis pertama dan koresponden	Jurnal Rekayasa Sipil dan Lingkungan (Sinta 4) <a href="https://jurnal.unej.ac.id/index.php/JRSL/about">https://jurnal.unej.ac.id/index.php/JRSL/about</a>	<a href="https://jurnal.unej.ac.id/index.php/JRSL/article/view/25181">https://jurnal.unej.ac.id/index.php/JRSL/article/view/25181</a>
6	Pemodelan Sumur Resapan Sebagai Upaya Penurunan Risiko Banjir Kota Denpasar pada DAS Badung	Penulis kedua	Jurnal Aplikasi Teknik Sipil (JATS) Sinta 3 <a href="https://iptek.its.ac.id/index.php/jats/index">https://iptek.its.ac.id/index.php/jats/index</a>	<a href="https://iptek.its.ac.id/index.php/jats/article/view/11785">https://iptek.its.ac.id/index.php/jats/article/view/11785</a>
7	Evaluasi Lokasi Titik Banjir di Sub Sistem III Kota Denpasar Berbasis Geographic Information System	Penulis pertama dan koresponden	Jurnal Rekayasa Sipil dan Lingkungan (Sinta 4) <a href="https://jurnal.unej.ac.id/index.php/JRSL/about">https://jurnal.unej.ac.id/index.php/JRSL/about</a>	<a href="https://jurnal.unej.ac.id/index.php/JRSL/article/view/23682">https://jurnal.unej.ac.id/index.php/JRSL/article/view/23682</a>
8	Analisis Besaran Sedimentasi dan Penanggulangannya di Hilir Tukad Unda Klungkung dengan Aplikasi Hec-GeoRAS	Penulis kedua dan koresponden	Media Komunikasi Teknik Sipil (Sinta 2) <a href="https://ejournal.undip.ac.id/index.php/mkts/article/view/32225">https://ejournal.undip.ac.id/index.php/mkts/article/view/32225</a>	<a href="https://ejournal.undip.ac.id/index.php/mkts/article/view/32225">https://ejournal.undip.ac.id/index.php/mkts/article/view/32225</a>
9	Rainwater Harvesting Planning using Infiltration Wells in Amlapura City Karangasem Regency	Penulis pertama dan koresponden	Jurnal Presipitasi: Media Komunikasi dan Pengembangan Teknik Lingkungan (Sinta 2) <a href="https://ejournal.undip.ac.id/index.php/presipitasi/index">https://ejournal.undip.ac.id/index.php/presipitasi/index</a>	<a href="https://ejournal.undip.ac.id/index.php/presipitasi/article/view/39941">https://ejournal.undip.ac.id/index.php/presipitasi/article/view/39941</a>
10	Analisis Debit Rencana Tukad Unda Bagian Hilir Menggunakan HEC-HMS	Penulis ketiga	Jurnal Teknik Pengairan: Journal of Water Resources Engineering (Sinta 3) <a href="https://jurnalpengairan.ub.ac.id/index.php/jtp">https://jurnalpengairan.ub.ac.id/index.php/jtp</a>	<a href="https://jurnalpengairan.ub.ac.id/index.php/jtp/article/view/561">https://jurnalpengairan.ub.ac.id/index.php/jtp/article/view/561</a>
11	Evaluasi Pola Operasi Waduk Tamblang di Kabupaten Buleleng Provinsi Bali	Penulis pertama dan koresponden	Jurnal Teknik Pengairan: Journal of Water Resources Engineering (Sinta 3) <a href="https://jurnalpengairan.ub.ac.id/index.php/jtp">https://jurnalpengairan.ub.ac.id/index.php/jtp</a>	<a href="https://jurnalpengairan.ub.ac.id/index.php/jtp/article/view/508">https://jurnalpengairan.ub.ac.id/index.php/jtp/article/view/508</a>
12	Analisis Perubahan Penggunaan Air Bersih Sebelum dan Sesudah Terjadi Kenaikan Tarif PDAM di Kabupaten Bangli	Penulis pertama dan koresponden	Jurnal Teknik Pengairan: Journal of Water Resources Engineering (Sinta 3) <a href="https://jurnalpengairan.ub.ac.id/index.php/jtp">https://jurnalpengairan.ub.ac.id/index.php/jtp</a>	<a href="https://jurnalpengairan.ub.ac.id/index.php/jtp/article/view/444">https://jurnalpengairan.ub.ac.id/index.php/jtp/article/view/444</a>

13	Mitigasi Non Revenue Water (NRW) Sistem Jaringan Distribusi pada District Meter Area (DMA) Zona Kota Blahbatuh PDAM Gianyar	Penulis pertama dan koresponden	Media Komunikasi Teknik Sipil (Sinta 2) <a href="https://ejournal.undip.ac.id/index.php/mkts/index">https://ejournal.undip.ac.id/index.php/mkts/index</a>	<a href="https://ejournal.undip.ac.id/index.php/mkts/article/view/23619">https://ejournal.undip.ac.id/index.php/mkts/article/view/23619</a>
14	Evaluasi Sistem Penyediaan Air Bersih Menggunakan Software Watercad di Desa Batungsel Kecamatan Pupuan Kabupaten Tabanan	Penulis koresponden	Jurnal Spektran (Sinta 5) <a href="https://ojs.unud.ac.id/index.php/jsn/index">https://ojs.unud.ac.id/index.php/jsn/index</a>	<a href="https://ojs.unud.ac.id/index.php/jsn/article/view/58438">https://ojs.unud.ac.id/index.php/jsn/article/view/58438</a>
15	Evaluasi Kinerja Sistem Irigasi Berdasarkan Permen PUPR No.12/Prt/M/2015 (Studi Kasus Daerah Irigasi Tukad Ayung, Mambal, Kabupaten Badung)	Penulis koresponden	Jurnal Spektran (Sinta 5) <a href="https://ojs.unud.ac.id/index.php/jsn/index">https://ojs.unud.ac.id/index.php/jsn/index</a>	<a href="https://ojs.unud.ac.id/index.php/jsn/article/view/71095">https://ojs.unud.ac.id/index.php/jsn/article/view/71095</a>
16	Komparasi Model Hidrograf Satuan Terukur dengan Hidrograf Satuan Sintetis (Studi Kasus DAS Tukad Pakerisan)	Penulis keempat	Jurnal Spektran (Sinta 5) <a href="https://ojs.unud.ac.id/index.php/jsn/index">https://ojs.unud.ac.id/index.php/jsn/index</a>	<a href="https://ojs.unud.ac.id/index.php/jsn/article/view/47465">https://ojs.unud.ac.id/index.php/jsn/article/view/47465</a>
17	Perencanaan Jaringan Irigasi Air Tanah Desa Penyaringan Kecamatan Mendoyo Kabupaten Jembrana	Penulis ketiga	Jurnal Ilmiah Teknik Sipil (Sinta 4) <a href="https://ojs.unud.ac.id/index.php/jits/index">https://ojs.unud.ac.id/index.php/jits/index</a>	<a href="https://ojs.unud.ac.id/index.php/jits/article/view/40296">https://ojs.unud.ac.id/index.php/jits/article/view/40296</a>

#### Prosiding seminar/konferensi internasional terindeks

No	Judul Artikel	Peran	Identitas Proceeding	URL artikel
1	The Strategy of Tukad Badung Pollution Control using QUAL2Kw and AHP	Penulis ketiga	IOP Conference Series: Earth and Environmental Science, Volume 1117	<a href="https://iopscience.iop.org/article/10.1088/1755-1315/1117/1/012071/meta">https://iopscience.iop.org/article/10.1088/1755-1315/1117/1/012071/meta</a>
2	Role of Titab Reservoir in Sustainable Irrigation Requirements in Downstream Saba Watershed	Penulis ketiga	MATEC Web of Conferences Volume 372	<a href="https://www.matec-conferences.org/article_s/matecconf/abs/2022/19/matecconf_icst2022_05006/matecconf_icst2022_05006.html">https://www.matec-conferences.org/article_s/matecconf/abs/2022/19/matecconf_icst2022_05006/matecconf_icst2022_05006.html</a>
3	Prediction of Groundwater Level in The Shallow Aquifer Using Artificial Neural Network Approach	Penulis ketiga	IOP Conference Series: Earth and Environmental Science, Volume 837	<a href="https://iopscience.iop.org/article/10.1088/1755-1315/837/1/012010">https://iopscience.iop.org/article/10.1088/1755-1315/837/1/012010</a>
4	The Validation of Linear Method in Cascade Reservoir System for Prediction of	Penulis keempat	2019 International Conference on Sustainable Engineering	<a href="https://ieeexplore.ieee.org/document/8907223">https://ieeexplore.ieee.org/document/8907223</a>

	Energy Production		and Creative Computing (ICSECC)	
5	Optimization Design of Irrigation Water Management to Reduce Field Failure Risk	Penulis ketiga	IOP Conference Series: Materials Science and Engineering, Volume 550	<a href="https://iopscience.iop.org/article/10.1088/1757-899X/550/1/012021">https://iopscience.iop.org/article/10.1088/1757-899X/550/1/012021</a>
6	Non-Revenue Water (NRW) and its handling for a drinking water supply system in Kedewatan zone Gianyar Bali	Penulis pertama dan koresponden	MATEC Web of Conferences Volume 276	<a href="https://doaj.org/article/1132a44b8fe146ecb3cb6a54853a162d">https://doaj.org/article/1132a44b8fe146ecb3cb6a54853a162d</a>

### Perolehan Kekayaan Intelektual

No	Judul KI	Tahun Perolehan	Jenis KI	Nomor	Status KI	URL (jika ada)
1	Rancangan Bendungan Banyu Ulak dengan Inovasi Multifungsi Waduk dan Panel Surya pada Tubuh Bendungan di Kabupaten Ogan Komering Ulu Selatan Sumatera Selatan	2023	Rekaman Video Animasi	No HKI 000560742	Nasional	<a href="#">MIY Lampiran Kriteria Dosen - Google Drive</a>
2	Rancangan Distribusi Air pada Daerah Irigasi Cimulu Tasikmalaya	2023	Indikasi Geografis	No HKI 000514441	Nasional	<a href="https://simdos.unu.d.ac.id/uploads/file_penelitian_1_dir/85a22ffd4146b5b31e9848844fd46de7.pdf">https://simdos.unu.d.ac.id/uploads/file_penelitian_1_dir/85a22ffd4146b5b31e9848844fd46de7.pdf</a>
3	SDG Online Goal 13 Climate Action Irrigation Schemes in Yeh Ho River Basin	2020	Karya Teknologi berupa video	Taylor & Francis Group ID: 40B3B6C4-48C9-454E-8E65-A709CCE060B1	Internasional	<a href="https://www.taylorfrancis.com/sdgo/goal/LifeOnLand/tlm/videocontent/6bffd82f-63af-4bc7-9839-e0d97317a0c2">https://www.taylorfrancis.com/sdgo/goal/LifeOnLand/tlm/videocontent/6bffd82f-63af-4bc7-9839-e0d97317a0c2</a>

### Riwayat Penelitian

No	Judul	Tahun	Dana
1	Pendekatan Filosofi Budaya dalam Menurunkan Resiko Banjir di Pusat Pemerintahan Provinsi Bali dengan Konservasi Sumur Resapan Berbasis Sistem Informasi Geografis	2023	Penelitian Kompetisi Nasional (Riset Dasar)
2	Aplikasi Teknologi Isotop Alam dalam Penentuan Local Meteoric Water Line pada Cekungan Air Tanah Denpasar-Tabanan	2022	Hibah Unggulan Udayana
3	Optimasi Air Irigasi Daerah Aliran Sungai Tukad Petanu dengan Alternatif Variasi Persentase Return Flow Menggunakan RIBASIM	2020	Hibah Unggulan Udayana
4	Geographic Information System (GIS) pada Evaluasi Titik – Titik Banjir di Sub Sistem III Kota Denpasar (Saluran Pangkung Lebak Muding)	2019	Hibah Unggulan Udayana

5	Analisis Sedimentasi Sebagai Evaluasi Umur Layanan Waduk Benel Di Kabupaten Jembrana Provinsi Bali	2018	Hibah Unggulan Program Studi
6	Evaluasi Pengendalian Banjir Pada Penampang Sungai Tukad Badung (Menggunakan Program HEC-RAS 5.0.3)	2018	Hibah Unggulan Program Studi

### Riwayat Pengabdian Kepada Masyarakat

No.	Judul Pengabdian Kepada Masyarakat	Tahun	Dana
1	Invited Speaker Webinar Preserving Cultural Legacy: Raising Youth Awareness of Subak in Present Days	2023	Bali Youth Parliament for Water
2	Narasumber dalam acara mini Talkshow dengan topik Menjaga Air, Menjaga Negeri dalam rangka Peringatan Hari Bakti PU ke 78	2023	PUPR Prov. Bali
3	2nd Stakeholders Consultation Meeting (SCM) of the 10th World Water Forum 2024	2023	Kementrian PUPR
4	- Anggota Tim Penyusun Rancangan Peraturan Gubernur Bali Tentang Tata Cara Penetapan Nilai Perolehan Air Tanah di Provinsi Bali - Sosialisasi Regulasi Perizinan Air Tanah dan Nilai Perolehan Air Tanah	2020 - 2023	ESDM Prov. Bali
5	Tim Training on Agriculture System and Topographic Mapping using Real Time Kinematics (RTK) Tahun 2023 untuk Pemerintah Timor Leste	2023	Pemerintah Timor Leste
6	Dosen Pembimbing dalam Lomba Tingkat Nasional kategori International DAM Innovation Contest ke XI yang diadakan oleh Himpunan Mahasiswa Sipil Fakultas Teknik Universitas Diponegoro	2023	Universitas Diponegoro
7	Juri Civil Education Festival (C-EDUFEST) FT UNUD	2023	Universitas Udayana
8	Juri PILMAPRES Teknik Sipil FT UNUD 2022	2022	Universitas Udayana
9	Memberi Kuliah Umum Teknik Sipil pada Program Studi Teknik Sipil Fakultas Teknik Universitas Muhammadiyah Kendari	2022	Universitas Muhammadiyah Kendari
10	Seleksi Paper Kompetisi Rancang Bangun (KRB) 2022, yang diselenggarakan oleh Himpunan Mahasiswa Sipil Fakultas Teknik Universitas Udayana	2022	Universitas Udayana
11	Tim survey investigasi dan desain pengembangan jaringan irigasi Provinsi Bali	2020 - 2022	Dinas Pertanian dan Ketahanan Pangan Prov. Bali
12	Dosen pembimbing Lomba Karya Tulis Ilmiah Nasional Civil Expo 10.0 Tahun 2022 yang diselenggarakan oleh Himpunan Mahasiswa Jurusan Teknik Sipil Politeknik	2022	Politeknik Negeri Semarang

	Negeri Semarang		
13	Seleksi dan Wawancara pada Pembukaan Beasiswa Cendikia BAZNAS Tahun 2021 dan 2022	2021-2022	BAZNAS
14	PIC ToT Building with Nature dengan Deltares the Netherlands. Kerjasama Internasional Pendidikan, Penelitian dan Pengabdian kepada Masyarakat dihadiri oleh dosen dari 10 perguruan tinggi di Indonesia UI, ITB, UNDIP, ITS, UB, UNEJ, UNUD, UNSRAT, ITERA Lampung dan ITEKA Balikpapan	2020	Deltares Belanda
15	Forum Diskusi Solusi Permasalahan Banjir di Desa Mengwitani bersama Mahasiswa Kuliah Kerja Nyata Pembelajaran dan Pemberdayaan Masyarakat (KKN-PPM) periode XVI	2018	LPPM UNUD

Semua data yang saya isikan dan tercantum dalam biodata ini adalah benar dan dapat dipertanggung jawabkan secara hukum. Dan apabila dikemudian hari ternyata dijumpai ketidak sesuaian dengan kenyataan, saya sanggup menerima resikoanya.

Yogyakarta, 31 Agustus 2023

Dr. Mawiti Infantri Yekti, ST., MT.

NIP 19721012 199903 2 003