



Name	Dr. Ofik Taupik Purwadi, ST., M.T		
Post	Civil Engineering Department Teaching Area: Dam, Engineering Drawing, Hydrology, Environmental Engineering, Civil Engineering Drawing, Surveying, Irrigation Engineering		
Academic career	Doctorate	University of Lampung	2022
	Land and Water Resources Management		
	Magister	Bandung Institute of Technology	2001
	Water Resources Management		
	Undergraduate degree	University of Lampung	1997
	Water Resources Management		
Employment	Position	Employer	Period
	Lecturer	University of Lampung	2000-now
Research and development projects	1. Empirical Methods in Determining Design Flood Discharge in Drainage Planning Study 2. Groundwater Study in Bandar Lampung City by Geographic Information System 3. Analysis of the Chemical Waste Management System at the Integrated Waste Management Site of the University of Lampung 4. Design Study of Raw Water Conservation Reservation in the Educational Area of Bandar Lampung Utara 5. Wave Transmission Study Using Cylinder Concrete (Buis Beton) Sinking Breakwater Models Using 2D Physical Modeling		

over the last 5 years	6. Sustainable Clean Water Supply through Rainwater Harvesting (Case Study of Pasaran Island, Teluk Betung Timur District, Bandar Lampung City) 7. Seepage flow Stability Analysis of the Main Dam of the Way Sekampung dam Development Project 8. Restructuring the System for Providing Backrests and Drainage in the Campus Area 9. Small Dam Conservation Design Planning for Lease Flats at the University of Lampung 10. Drainage System Analysis Based on Geographic Information Systems (GIS) at the University of Lampung 11. Drainage Systems Planning on Jl. Raden Gunawan 2, Rajabasa District, Bandar Lampung 12. Conservation Reservoir Planning Area Case Study of the Faculty of Medicine, University of Lampung 13. TPS 3R (Reuse, Reuse, Recycle) Building Planning at the Sumatra Institute of Technology
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Industry collaborations over the last 5 years	1. Petra Penida Energi Indonesia Ltd, KSO CV Medeline Arch: Topographical, bathymetric and oceanographic surveys for the evaluation of the Special Bridge Structure of Ogan Lama, Palembang, (2022) 2. Perkumpulan Tenaga Kerja Ahli dan Terampil (Association of Expert and Skilled Workers)/Pertakindo: Young Hydrology Expert Training and Certification, (2022) 3. Dinas Perhubungan Kabupaten Way Kanan (Way Kanan District Department of Transportation), Lampung: Way Kanan Regency Highway Traffic and Transportation Master Plan, (2022) 4. Dinas Sumberdaya Air Kabupaten Lampung Tengah (Central Lampung Regency Water Resources Office): East Region District Epaksi Updating, Central Lampung District, (2022) 5. Bappeda Kabupaten Tulang Bawang (Regional Government Agency of Tulang Bawang Regency), Lampung: Tulang Bawang Regency Infrastructure Road Map, (2021) 6. Bappeda Kabupaten Tulang Bawang Barat (Regional Government Agency of West Tulang Bawang): District Development Planning (RPD), (2021)
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Important publications over the last 5 years

1. Winda, TU., Miswar, DMD., Ratna, DPS., Sutarto, STT., **Purwadi, OT.**, Debby, C. (2022). The Analysis of Chemical Waste Management System in Integrated Waste Management Site of

Lampung University. *International Journal of Multicultural and Multireligious Understanding*, 9

2. SBY. **Ofik, TP.**, Kusumastuti, DI., Triyono, S. (2022). A Study of the Design of Raw Water Conservation Reservoir in the Education Area, Northern Bandar Lampung. *Sci.Int. (Lahore)* 34, 99-106
 3. Novitasari, N., **Purwadi, OT.**, Tugiono, S. (2019). Perencanaan Konservasi Bendungan Kecil Rumah Susun Sederhana Sewa Universitas Lampung. ([Design Planning of Small DAM Conservation at the Simple Rental Flats University of Lampung](#)). *Jurnal Rekayasa Sipil dan Desain*, 7 (2), 311-320
 4. Wahyuni, N., **Purwadi, OT.**, Sumiharni, S. (2019). Design Planning of Small Dam Conservation at Deer Park the University of Lampung. *Jurnal Rekayasa Sipil dan Desain*, 7 (2), 351-360
 5. Hidayat, T., Tugiono, S., **Purwadi, OT.** (2019). Perencanaan Embung Konservasi di Laboratorium Lapangan Terpadu Fakultas Teknik Universitas Lampung. ([Planning for a Conservation Reservoir at the Integrated Field Laboratory, Faculty of Engineering, University of Lampung](#)). *Jurnal Rekayasa Sipil dan Desain*, 7 (3), 417-426
 6. Dewi, ER., Adha, I., **Purwadi, OT.** (2019). Korelasi Nilai CBR Laboratorium Modified Terhadap Tekanan pada Roda Kendaraan Alat Berat di Lapangan Berdasarkan Metode Tekanan (Pressure Method). ([Correlation of Modified Laboratory CBR Value Against Wheel Pressure of Heavy Equipment Vehicles in the Field Based on the Pressure Method](#)). *Jurnal Rekayasa Sipil dan Desain*, 7 (1), 77-88
 7. Herison, A., Romdania, Y., **Purwadi, OT.**, Effendi, R. (2018). Kajian Penggunaan Metode Empiris dalam Menentukan Debit Banjir Rancangan pada Perencanaan Drainase. ([Study on the Use of Empirical Methods in Determining Design Flood Discharge in Drainage Planning](#)). *Jurnal Aplikasi Teknik Sipil*, 16 (2), 77-86
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**Activities in
specialist
bodies over the last 5
years**

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