



Name	Subuh Tugiono, S.T., M.T.		
Post	Civil Engineering Department Teaching Area: Computer Programming, Coastal Building, Coastal Engineering, Hydraulics Engineering, Numerical Method, Irrigation Engineering, Port Engineering		
Academic career	Undergraduate degree	University of Lampung	1997
	Civil Engineering		
	Magister	Bandung of Institute	2002
	Water Resources Engineering	Technology	
Employment	Position	Employer	Period
	Lecturer	University of Lampung	2000-now
Research and development projects	1. Comparative Study of Linear Analysis of Time History Due to the Influence of Planned Earthquakes and Actual Structures 2. Comparative Study of El Nino and La Nina Intensities in the Jakarta, East Kalimantan, and Lampung Regions Based on BMKG and NASA Rainfall Data 3. Formulation of Rhizobacteria Made from Bamboo Root Wood and Putri Malu to Increase Agricultural Production 4. Study on the Selection of the Type of Building Structure on the BH Railway Bridge. 109 Km 58 171 Viewed from the Way Komereng Flood Water Level, Central Lampung Regency 5. Performance Evaluation of High Building Structures with PushOver Analysis and Time History Analysis using a Modeling Application 6. Municipal Waste Reduction Technology by Utilizing Black Soldier Fly (BSF) Larvae 7. The Relationship between the Compressive Strength and the Tensile Strength of Gelam Bark-fibrous Concrete for Concrete Roads 8. The Effect of Soil Water Content on the Infiltration Rate of Biopori Infiltration Holes 9. Technical Assistance for Evaluation of Road Drainage in the Gunung Agung Village Area, Langkapura District, Bandar Lampung City 10. Development of New and Renewable Energy Tourism (Models/miniatures of Electric Energy, Solar, Hydro, and Wind power)		

over the last 5 years	11. Technical Assistance for Evaluation of Road Drainage in the Langkapura Baru Village Area, Langkapura District, Bandar Lampung City 12. Commemoration of World Water Day at Alam Lampung Private Elementary School, South Lampung Regency 13. Rain Harvester Design Training at Alam Lampung High School 14. Flood Mitigation Education for Elementary School Students in Bandar Lampung City, Pilot Project: SDN 2 Rajabasa, Bandar Lampung
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Industry collaborations over the last 5 years	-
Patents and proprietary Rights	-
Important publications over the last 5 years	1. Pangestu, IT., Zakaria, A., Tugiono, S. (2021). Analisis Korelasi Data Curah Hujan BMKG dengan TRMM; Studi Kasus: Stasiun BMKG di Sumatera Utara. (BMKG Rainfall Data Correlation Analysis with TRMM; Case Study: BMKG Station in North Sumatra). <i>Jurnal Rekayasa Sipil dan Desain</i> , 8 (1), 157-180 2. Kurniawan, R. Tugiono, S. , Wahono, EP., Zakaria, A. (2021). Evaluasi Stabilitas Breakwater pada Kecamatan Panjang. (Breakwater Stability Evaluation in Panjang District). <i>Jurnal Rekayasa Sipil dan Desain</i> , 9 (4), 703-714 3. Aditya, RF., Wahono, EP., Tugiono, S. (2021). Analisis Perbandingan Pola Aliran pada Bangunan Pelimpah Ogee dan Stepped dengan Model Fisik 2D. (Comparative Analysis of Flow Patterns in Ogee and Stepped Spill Structures with 2D Physical Models). <i>Jurnal Rekayasa Sipil dan Desain</i> , 9 (1), 41-50 4. Lukitawati, A., Zakaria, A., Tugiono, S. , Winarno, D. (2021). Analisis Pemodelan Numerik Redaman Breakwater Tenggelam Tipe Berlubang dan Tidak Berlubang Menggunakan Sigerd. (Numerical

Modeling Analysis of Perforated and Non-perforated Sinking Breakwater Using Sigerd). *Jurnal Rekayasa Sipil dan Desain*, 9 (1), 157-166

5. Yusuf, M., Wahono, EP., Kusumastuti, DI., **Tugiono, S.** (2021). Analisis Pengaruh Kemiringan dan Bentuk Dasar Fishway Terhadap Rasio Perpindahan Sidat (*Anguilla bicolor*, sp). ([Analysis of the Effect of Slope and Fishway Base Form on Eel Movement Ratio \(*Anguilla bicolor*, sp\)](#)). *Jurnal Rekayasa Sipil dan Desain*, 9 (2), 213-219
6. Andika, IA., **Tugiono, S.**, Zakaria, A., Wahono, EP. (2021). Analisis Kinerja Redaman Gelombang pada Breakwater Tenggelam Tipe Berlubang dengan Pemodelan Fisik 2D. ([Analysis of Wave Attenuation Performance in Perforated Type Sinking Breakwater with 2D Physical Modeling](#)). *Jurnal Rekayasa Sipil dan Desain*, 9 (1), 189-200
7. Persada, C., **Tugiono, S.**, Kustiani, I. (2020). Developing a Framework for Assessing City Sustainability; Case Study: Bandar Lampung and Metro City, Lampung Province, Indonesia. *IOP Conference Series: Earth and Environmental Science*, 556 (1), 012005
8. **Tugiono, S.** (2020). Pelatihan Desain Pemanen Hujan di SMA Alam Lampung. *Seminar Nasional Hasil Penelitian Sains, Teknik dan Aplikasi Industri (SINTA 2020)*
9. Novitasari, N., Purwadi, OT., **Tugiono, S.** (2019). Design Planning of Small DAM Conservation at Simple Rental Flats University of Lampung. *Jurnal Rekayasa Sipil dan Desain*, 7 (2), 311-320

**Activities in
specialist
bodies over the last 5
Years**
