



CURRICULUM VITAE

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Biography

Scopus of the Last 5 Years

Creation of Tsunami Evacuation Time Map for the Mentawai Islands, Indonesia. Journal of Earthquake and Tsunami, Ono Y., 2023

Designing and building earthquake warning system with Arduino and web-based SES60 SLP sensor. Bulletin of Electrical Engineering and Informatics, Edidas, 2022

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Design Optimization of Water Distribution Suburban Area in Mranggen, Semarang, Indonesia. IOP Conference Series: Earth and Environmental Science, Rezagama A., 2020

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RELATIONSHIP BETWEEN OBTAINED ULTIMATE BEARING CAPACITY RESULTS BASED ON N-SPT RESULTS AND STATIC LOAD TESTS. INTERNATIONAL JOURNAL OF GEOMATE, , 2020

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Assessment Tingkat Kerentanan Bangunan Bertingkat di Kampus Universitas Negeri Padang Menggunakan Gelombang Rayleigh. Jurnal Serambi Engineering 7 (1), 2022, RR Putra, D Saputra, 2022

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Seismic performance evaluation of existing building in earthquake prone area based on seismic index and seismic demand method. *Civil Engineering and Architecture J* 9 (4), 2021, RR Putra, Y Ono, N Syah, AA Cantika, 2021

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Foreshock and aftershock earthquakes characteristic for subduction (Case study: Aceh earthquake in 2004 and Tohoku earthquake, Japan 2011). *INVOTEK: Jurnal Inovasi Vokasional dan Teknologi* 21 (3), 203-212, 2021, RR Putra, A Atmojo, 2021

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Increasing Preparedness Against Earthquake and Tsunami Hazards by Educating and Training a Community in Sipora Island, Indonesia. *Aceh International Journal of Science and Technology* 10 (3), 206-217, 2021, RR Putra, Y Ono, IG Rani, RI Utama, 2021

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EVALUASI POTENSI LIKUIFAKSI DI KOTA PADANG BERDASARKAN DATA INVESTIGASI TANAH DAN HUBUNGANNYA DENGAN FREKUENSI NATURAL TANAH. *Jurnal Applied Science in Civil Engineering* 2 (4), 412-419, 2021, MD Agung, RR Putra, 2021

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Analisis Pengelolaan Workshop Kayu Jurusan Teknik Gambar Bangunan SMK Negeri 1 Kota Pariaman. Jurnal Applied Science in Civil Engineering 1 (3), 106-111, 2020, FM Ramadhan, RR Putra, 2020

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Pengembangan Early Warning System Gempa Bumi Dengan Display Smartphone Berbasis Sensor Getaran Tiga Dimensi. Penelitian Terapan Kompetitif Nasional, Leader: Yulkifli, Implementation Year: 2024

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Earthquake Microzonation And Liquefaction Potential Study Based On Microtremor Observation Result For West Pasaman, Indonesia. Penelitian Kerjasama Perguruan Tinggi Luar Negeri, Leader: Rusnardi Rahmat Putra, Implementation Year: 2022

Pengembangan Early Warning System Gempa Bumi Dengan Display Smartphone Berbasis Sensor Getaran Tiga Dimensi. Penelitian Terapan Kompetitif Nasional, Leader: Yulkifli, Implementation Year: 2022

Earthquake Risk Reduction; Seismic Microzonation And Vulnerability Assessment Of Non-engineered Structure In Earthquake Prone Area, Mentawai Island, Indonesia. Pdpt-penelitian Kerjasama Perguruan Tinggi Luar Negeri Dasar, Leader: Rusnardi Rahmat Putra, Implementation Year: 2021

Implementasi Konsep Green Building Pada Gedung Pemerintahan Kota Padang Sumatera Barat. Pdpt-penelitian Dasar, Leader: Nurhasan Syah, Implementation Year: 2021

Pengembangan Teknik Prediksi Potensi Lukuifaksi Menggunakan Gelombang Seismic. Pdpt-penelitian Dasar, Leader: Rusnardi Rahmat Putra, Implementation Year: 2021

Pengembangan Teknik Prediksi Potensi Lukuifaksi Menggunakan Gelombang Seismic. Penelitian Dasar, Leader: Rusnardi Rahmat Putra, Implementation Year: 2020

Teknologi Satelit Synthetic Aperture Radar (sar) Untuk Pendeteksian Dan Monitoring Area Berpotensi Longsor. Penelitian Khusus Pusat Kajian, Leader: Pakhrur Razi, Implementation Year: 2020

Implementasi Konsep Green Building Pada Gedung Pemerintahan Kota Padang Sumatera Barat. Penelitian Dasar, Leader: Nurhasan Syah, Implementation Year: 2020

Earthquake Risk Reduction; Seismic Microzonation And Vulnerability Assessment Of Non-engineered Structure In Earthquake Prone Area, Mentawai Island, Indonesia. Penelitian Kerjasama Pt Luar Negeri Dasar, Leader: Rusnardi Rahmat Putra, Implementation Year: 2020

Community Service of the Last 5 Years

Pengembangan Dan Pemberdayaan Masyarakat Nagari Kajari Kecamatan Talamau Kabupaten Pasaman Barat Menjadi Nagari Tangguh Bencana Gempa. Program Pengembangan Nagari Binaan (ppnb), Leader: Rusnardi Rahmat Putra, Implementation Year: 2022

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IPR's of the Last 5 Years

The Implementation of Green Building Concept in Public Agency Building in Padang City. Inventor: Dr. Nurhasan Syah, M.Pd; Prof. Dr. M Giatman, M.SIE; Rusnardi Rahmat Putra, ST, MT, Ph.D.Eng; Syaiful Haq; Anggrieka Maharani; Nelvi Salendra, S.Pd., Publication Date: 2020-08-13

Book of the Last 5 Years

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The Proposed Natural Frequency Of Soil For Liquefaction Potential Based On Microtremor Observation Result. ISBN: 9789391478162, Publisher: SARA BOOK PUBLICATION, Year: 2022

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Teknologi beton. ISBN: 9786021178607, Publisher: UNP Press, Year: 2020

ABCDE : ayo belajar bencana dari sekarang. ISBN: 9786021178683, Publisher: UNP Press, Year: 2020
