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Biography

Prof. Pakhrur Razi, Ph.D was born in Kerinci, Indonesia, in 1979. He received the B.S. degree in physics science from the Universitas Negeri Padang and the M.S. degree in physics science from the Bandung Institute of Technology, Indonesia, in 2005 and He finished the Ph.D. degree in 2019 at the Center for Environmental Remote Sensing, Department of Information Processing and Computer Sciences, Graduate School Advanced Integration Science, Chiba University, Japan, with a focus on synthetic aperture radar (SAR) processing for disaster monitoring. Since 2006, he has been with the Physics Department, Universitas Negeri Padang, as a Lecturer, where he became an Associate Professor with the Physics Department eight years later and full professor in Disaster Physics in May 2023. His research interests are SAR and optical Remote sensing for disaster Monitoring, Early warning system for disaster, image processing, UAV, GPS-GNSS, electronic instrumentation, and ICT.

Scopus of the Last 5 Years

Monitoring of tectonic deformation in the seismic gap of the Mentawai Islands using ALOS-1 and ALOS-2. *Remote Sensing Applications: Society and Environment*, Razi P., 2023

A Low-cost Digital Spectrophotometer for Heavy Metal Absorbance Measurements. *Instruments and Experimental Techniques*, Yulkifli, 2023

Application of Geoelectrical Resistivity Method for Iron Sand Exploration in Ulakan Tapakis Padang Pariaman. *Journal of Physics Conference Series*, Octova A., 2022

3D Modelling of Iron Sand Using Geoelectrical Resistivity Method with Wenner Array in Ulakan Tapakis, Padang Pariaman, West Sumatra. *Journal of Physics Conference Series*, Octova A., 2022

Directivity of Coseismic Ionospheric Disturbances Propagation Following the 2016 West Sumatra Earthquake Using Three-Dimensional Tomography GNSS-TEC. *Atmosphere*, Cahyadi M.N., 2022

A 3-Year Tropical Peatland Subsidence Time-Series Derived By Sentinel-1: A Case Study of the Kalimantan, Indonesia. *International Geoscience and Remote Sensing Symposium (IGARSS)*, Izumi Y., 2022

Temporal Subset SBAS InSAR Approach for Tropical Peatland Surface Deformation Monitoring Using Sentinel-1 Data. *Remote Sensing*, Izumi Y., 2022

Time Series Land Subsidence Analysis Based on Persistent Scattered Interferometric Synthetic Aperture Radar Method of Jakarta City Region Using Terra SAR X Spaceborne Data. *Proceeding - 2022 International Conference on Radar, Antenna, Microwave, Electronics, and Telecommun*, Widodo J., 2022

3D modelling using structure from motion technique for land observation in Kelok 9 flyover. *Journal of Physics Conference Series*, Razi P., 2021

Potential Landslide Detection in Kelok Sembilan Flyover Using SAR Interferometry. *International Journal on Advanced Science Engineering and Information Technology*, Razi P., 2021

Design of ionosphere sensor for total electron content measurement. Journal of Physics Conference Series, Sitompul P., 2021

Forest Areas with A High Potential Risk of Fire Mapping on Peatlands Using Interferometric Synthetic Aperture Radar. Proceedings - 2021 7th Asia-Pacific Conference on Synthetic Aperture Radar, APSAR 2021, Widodo J., 2021

Land deformation modelling of Taiwan earthquake using interferometry technique. Journal of Physics Conference Series, Razi P., 2020

Modeling of aquifer using vertical electrical sounding data with kriging interpolation in Padang City. Journal of Physics Conference Series, Octova A., 2020

Land deformation monitoring using D-insar technique during Lombok earthquake observed by sentinel-1A/B. International Journal of GEOMATE, Razi P., 2020

Estimation of Ideal Configuration and Dimension of Pico Hydropower using Euler-Lagrange Equation and Runge-Kutta Method. Journal of Physics Conference Series, Aminuddin J., 2020

Numerical analysis of energy converter for wave energy power generation-pendulum system. International Journal of Renewable Energy Development, Aminuddin J., 2020

SAR Sentinel-1: Mitigation strategies for earth's surface displacements in Aceh, Indonesia. IOP Conference Series: Earth and Environmental Science, Jefrizza, 2020

Application of interferometric SAR using Sentinel-1A for flood monitoring in South of Sulawesi, Indonesia. IOP Conference Series: Earth and Environmental Science, Jefrizza, 2020

The applications of InSAR technique for natural hazard detection in smart society. Journal of Physics: Conference Series, Jefrizza, 2020

Application of time-series sentinel-1a for land deformation in Central Aceh, Indonesia. IOP Conference Series: Earth and Environmental Science, Jefrizza, 2020

Validity of E-Book Based on Problem-Based Learning with Higher Order Thinking Skills Oriented for Senior High School. Journal of Physics: Conference Series, Agustin S., 2023

Preface. Journal of Physics: Conference Series, Razi P., 2023

Estimation of Potential Earthquake Epicenter Based on Level of Land Deformation Along Coastal Line of South Java. International Geoscience and Remote Sensing Symposium (IGARSS), Razi P., 2023

A Study for a Radio Telescope in Indonesia: Parabolic Design, Simulation of a Horn Antenna, and Radio Frequency Survey in Frequency of 0.045–18 GHz. Aerospace, Sitompul P.P., 2024

Suitability of Mangrove Ecosystems as a Protected Zone Based on Land-Use Changes. Physical Oceanography, Putra A., 2023

Development of e-Module for Independent Learning of Physics Material Based on Independent Curriculum. International Journal of Information and Education Technology, Asfiya N., 2024

Corrigendum to “Monitoring of tectonic deformation in the seismic gap of the Mentawai Islands using ALOS-1 and ALOS-2” [Remote Sens. Appl.: Soc. Environ. 30 (April 2023)

100973](S2352938523000551)(10.1016/j.rsase.2023.100973). Remote Sensing Applications: Society and Environment, Razi P., 2024

Surface deformation monitoring and forecasting of sinabung volcano using interferometry synthetic aperture radar and forest-based algorithm. *Remote Sensing Applications: Society and Environment*, Hanif M., 2024

Initial report on the multiple biological and pharmacological properties of hispolon: Exploring stochastic mechanisms. *Biomedicine and Pharmacotherapy*, Aanniz T., 2024

Recent advances and molecular mechanisms of TGF- β signaling in colorectal cancer, with focus on bioactive compounds targeting. *Biomedicine and Pharmacotherapy*, Bakrim S., 2024

Electronic Student Worksheet for Solving Problems in Physics Material Based on Problem-Based Learning. *International Journal of Information and Education Technology*, Nenggala M.P., 2024

Plant extracts as emerging modulators of neuroinflammation and immune receptors in Alzheimer's pathogenesis. *Heliyon*, Mohamed I.E., 2024

Antioxidant activity, physico-chemical properties, and bioactive compounds of *Nigella sativa* seeds and oil impacted by microwave processing technique. *Heliyon*, Oubannin S., 2024

Association of anxiolytic drugs with Torsade de Pointes: a pharmacovigilance study of the Food and Drug Administration Adverse Event Reporting System. *Journal of Pharmaceutical Policy and Practice*, Ali Z., 2024

Extraction of Soil Moisture Value Using ALOS PALSAR Data. *Springer Proceedings in Earth and Environmental Sciences*, Putri R., 2024

Deformation Mapping After Pasaman Earthquake Using Sentinel-1 Imagery. *Springer Proceedings in Earth and Environmental Sciences*, Pratama M.Y., 2024

Siberut Island Movement and Direction Monitoring Using SuGAR Data. *Springer Proceedings in Earth and Environmental Sciences*, Dwiyanti W., 2024

Bathymetry Changed Mapping in Pagai Island Using Remote Sensing. *Springer Proceedings in Earth and Environmental Sciences*, Fannia T.D., 2024

Monitoring Areas of Potential Liquefaction Based on Water Index in Padang City Indonesia Using Landsat Images. *Springer Proceedings in Earth and Environmental Sciences*, Putri A., 2024

The LST and NDVI Before and After Earthquake of West Celebes 2021 Using Terra/Aqua MODIS Satellite Image. *Springer Proceedings in Earth and Environmental Sciences*, Aminuddin J., 2024

Proximate Analysis, Sulfur, and Calorific Value in Determining Coal Quality. *Springer Proceedings in Earth and Environmental Sciences*, Riski R.D., 2024

Analysis of Slope Stability Ex Disposal Area Using the Bishop Simplified Method. *Springer Proceedings in Earth and Environmental Sciences*, Anaperta Y.M., 2024

Derivation of Atmospheric Aerosol Optical Thickness by Concurrent Observation of Sunphotometer and Himawari-8 Satellite. *Springer Proceedings in Earth and Environmental Sciences*, Aminuddin J., 2024

Multivariate Analysis of Crusher Work Time to Minimize Loss Time in Granite Mining. *Springer Proceedings in Earth and Environmental Sciences*, Maharani E., 2024

Additional of the Light Filter to the Telescope for Monitoring of the New Moon of the Hijri Calendar. *Springer Proceedings in Earth and Environmental Sciences*, Aminuddin J., 2024

Deformation Monitoring on Pagai Island Using Geodetic Data. *Springer Proceedings in Earth and Environmental Sciences*, Kurnia T., 2024

Deformation Monitoring of Sipora Island Using Geodetic Global Positioning System Data. Springer Proceedings in Earth and Environmental Sciences, Fadilah R., 2024

Preface. Springer Proceedings in Earth and Environmental Sciences, Razi P., 2024

Pharmacist and veterinarian collaboration in Klang Valley, Malaysia: A veterinarians' perception. Heliyon, Paneerselvam G.S., 2024

Multi-Temporal InSAR analysis for monitoring the ground deformation of Mount Sinabung. Asia-Pacific Journal of Science and Technology, Hanif M., 2024

Extreme Rainfall Trends and Hydrometeorological Disasters in Tropical Regions: Implications for Climate Resilience. Emerging Science Journal, Yanfatriani E., 2024

Development of a Catch-Throwing Skill Analyzer Based on Sensors. International Journal on Informatics Visualization, Komaini A., 2024

Vulnerability Liquefaction Mapping in Padang City Based on Cloud Computing Using Optical Satellite Imagery Data. International Journal on Informatics Visualization, Razi P., 2024

The prevalence of thromboembolic events among COVID-19 patients admitted to a single centre intensive care unit (ICU): an epidemiological study from a Malaysian population. Journal of Pharmaceutical Policy and Practice, Mansor N.F., 2025

Ethnobotanical survey of medicinal and aromatic plants used by the population of Settat Province, Morocco. Heliyon, Lahyaoui M., 2025

Preliminary result of time series analysis of InSAR observation at Semeru Volcano, Indonesia. AIP Conference Proceedings, Anggono T., 2025

Web of Science (WoS) of the Last 5 Years

LAND DEFORMATION MONITORING USING D-INSAR TECHNIQUE DURING LOMBOK EARTHQUAKE OBSERVED BY SENTINEL-1A/B. INTERNATIONAL JOURNAL OF GEOMATE, Razi, P; Sumantyo, JTS; Widodo, J; Izumi, Y; Perissin, D;, 2020

Numerical Analysis of Energy Converter for Wave Energy Power Generation-Pendulum System. INTERNATIONAL JOURNAL OF RENEWABLE ENERGY DEVELOPMENT-IJRED, Aminuddin, J; Effendi, M; Nurhayati; Widiyani, A; Razi, P; Wihantoro; Aziz, AN; Abdullatif, F; Sunardi; Bilalodin; Arifin, A;, 2020

Application of interferometric SAR using Sentinel-1A for flood monitoring in South of Sulawesi, Indonesia. FIFTH INTERNATIONAL CONFERENCES OF INDONESIAN SOCIETY FOR REMOTE SENSING: THE REVOLUTION OF EARTH OBSERVATION FOR A BETTER HUMAN LIFE, Jefriza; Lateh, H; Yusoff, IM; Abir, IA; Syahreza, S; Razi, P; Rusdi, M;, 2020

SAR Sentinel-1: mitigation strategies for earth's surface displacements in Aceh, Indonesia. FIFTH INTERNATIONAL CONFERENCES OF INDONESIAN SOCIETY FOR REMOTE SENSING: THE REVOLUTION OF EARTH OBSERVATION FOR A BETTER HUMAN LIFE, Jefriza; Lateh, H; Yusoff, IM; Abir, IA; Syahreza, S; Razi, P; Rusdi, M;, 2020

Google Scholar of the Last 5 Years

Sensor-Based Main Mover Muscle Control Device Design for Physical Education Learning. Unima International Conference on Social Sciences and Humanities (UNICSSHÂ ...), 2023, A Komaini, P Razi, J Zakaria, Y Kiram, SG Handayani, D Syafrianto, 2023

Monitoring ground deformation of Sinabung volcano eruption 2018-2019 using DInSAR technique and GPS data. AIP Conference Proceedings 2654 (1), 2023, O Anggara, TK Welly, AI Fauzi, SM Alif, RS Perdana, SW Oktarina, ..., 2023

'It's the girl!': Comics, Professional Identity, Affection, Nostalgia and Embarrassment. STUDIES IN EUROPEAN COMICS AND GRAPHIC NOVELS, 29, 2023, M Gibson, 2023

Monitoring of tectonic deformation in the seismic gap of the Mentawai Islands using ALOS-1 and ALOS-2. Remote Sensing Applications: Society and Environment 30 (1), 15, 2023, R Pakhrur, S J.T.S, C Ming Yam, Ganefri, P Daniele, T Takeo, 2023

Pelatihan Kesiapsiagaan Menghadapi Bencana untuk Masyarakat yang Berada Di "Seismic Gap"Desa Muara Siberut. Suluah Bendang: Jurnal Ilmiah Pengabdian Kepada Masyarakat 22 (1), 146-154, 2022, P Razi, Y Yohandri, NY Sudiar, T Thamrin, A Asrizal, 2022

Forest Areas With A High Potential Risk Of Fire Mapping On Peatlands Using Interferometric Synthetic Aperture Radar. Asian and Pacific Conference on Synthetic Aperture Radar (APSAR), 2022, JTSS Joko Widodo, Hammam Riza, Arie Herlambang, Rahmat Arief, Pakhrur Razi ..., 2022

Pengelolaan Sampah Plastik Daerah Kepulauan di Siberut Selatan Mentawai. Abdi: Jurnal Pengabdian dan Pemberdayaan Masyarakat 4 (2), 536-543, 2022, NY Sudiar, A Asrizal, P Razi, MI Gautama, 2022

Meta analisis pengaruh media pembelajaran elektronik terhadap hasil belajar dan pemahaman konsep siswa. ORBITA: Jurnal Pendidikan dan Ilmu Fisika 8 (1), 10-14, 2022, A Mayasari, A Asrizal, F Festiyed, 2022

3D Modelling of Iron Sand Using Geoelectrical Resistivity Method with Wenner Array in Ulakan Tapakis, Padang Pariaman, West Sumatra. Journal of Physics: Conference Series 2309 (1), 012032, 2022, A Octova, YM Anaperta, HG Febriandika, H Martinus, A Nazki, P Razi, ..., 2022

Application of geoelectrical resistivity method for iron sand exploration in Ulakan Tapakis Padang Pariaman. Journal of Physics: Conference Series 2309 (1), 012022, 2022, A Octova, YM Anaperta, HG Febriandika, H Martinus, A Nazki, P Razi, ..., 2022

Development Student Worksheets in Class X Physics Based on Station-Rotational Blended Learning Model Station-Rotational Skill-Oriented Ri 4.0. Pillar of Physics Education 10 (12782171074), 2022, RJ Husna, P Razi, 2022

DEVELOPMENT OF PHYSICS MODULE USING MOODLE INTEGRATED LAB ROTATION IN SENIOR HIGH SCHOOL. PILLAR OF PHYSICS EDUCATION 15 (2), 132-138, 2022, R Sandra, P Razi, 2022

Directivity of coseismic ionospheric disturbances propagation following the 2016 West Sumatra Earthquake using three-dimensional tomography GNSS-TEC. Atmosphere 13 (9), 1532, 2022, MN Cahyadi, D Arisa, IN Muafir, B Muslim, RW Rahayu, ME Putra, ..., 2022

Mapping The Rate Of Deforestation In South Kalimantan Using Landsat Imagery. , R Mardianis, P Razi, Y Izumi, 2022

Mapping coastline changes in the Mentawai Islands using remote sensing. , P Yuliana, P Razi, 2022

A 3-Year Tropical Peatland Subsidence Time-Series Derived By Sentinel-1: A Case Study of the Kalimantan, Indonesia. IGARSS 2022-2022 IEEE International Geoscience and Remote Sensing SymposiumÂ ..., 2022, Y Izumi, W Takeuchi, J Widodo, A Sulaiman, A Awaluddin, A Aditiya, ..., 2022

Profile of Students' Character in the Reading to Learn (R2L) Model in Improving Scientific Literacy Skills. AL-ISHLAH: Jurnal Pendidikan 14 (4), 5431-5442, 2022, A Muttaqiiin, ASD Ananda, P Aulia, P Razi, Y Yusefarina, L Yanuars, 2022

Pengembangan Handout Fisika Berbentuk Komik Terintegrasi Nilai-Nilai Pendidikan Karakter untuk Meningkatkan Keterampilan Proses Sains Siswa Kelas X SMA pada Materi Gerak. Jurnal Penelitian Pembelajaran Fisika 8 (2), 213-222, 2022, F Handayani, P Razi, 2022

Remote sensing and deep learning to understand OSM labelling. The 4th International Electronic Conference on Remote Sensing, 20-20, 2022, M Usmani, F Bovolo, M Napolitano, 2022

Development of Mobile Learning Module Using Tutor in Physics Learning Class X SMA Negeri 9 Padang Oriented Literacy Skills Industrial Revolution 4.0. Jurnal Ilmu Fisika Dan Pembelajarannya (JIFP) 5 (2), 1-9, 2022, WM Yetri, P Razi, 2022

Temporal Subset SBAS InSAR Approach for Tropical Peatland Surface Deformation Monitoring Using Sentinel-1 Data. Remote Sensing 14 (22), 5825, 2022, Y Izumi, W Takeuchi, J Widodo, A Sulaiman, A Awaluddin, A Aditiya, ..., 2022

Pengembangan Media Pembelajaran Interaktif Berbasis Articulate Storyline 3 pada Mata Pembelajaran Sistem Pengendali Elektronika. Voteteknika (Vocational Teknik Elektronika Dan Informatika) 10 (4), 45-54, 2022, N Nurhamidah, IR Jasril, P Jaya, E Efrizon, 2022

Time Series Land Subsidence Analysis Based on Persistent Scattered Interferometric Synthetic Aperture Radar Method of Jakarta City Region Using Terra SAR X Spaceborne Data. 2022 International Conference on Radar, Antenna, Microwave, Electronics, andÂ ..., 2022, J Widodo, R Arief, GP Dinanta, N Setyaningrum, A Setiyoko, AP Putra, ..., 2022

Development of Adobe-Flash Based Interactive Multimedia on Viruses for Class X Students at SMAN 2 Sawahlunto. PENBIOS: JURNAL PENDIDIKAN BIOLOGI DAN SAINS 7 (01), 1-7, 2022, A Sukmarindra, A Ardi, 2022

An empirical approach to monitor the flood-prone regions of North India using Sentinel-1 images. Ann. Emerg. Technol. Comput 6 (1), 2022, M Siddique, T Ahmed, MS Husain, 2022

DEVELOPMENT OF STUDENT WORKSHEETS BASED ON BLENDED LEARNING MODEL FOR STATION-ROTATIONAL LITERATURE SKILL ORIENTED RI 4.0. , RJ Husna, P Razi, WSD Murtiani, 2022

DEVELOPMENT OF PHYSICS MODULE INTEGRATED MOODLE USING LAB ROTATION IN SENIOR HIGH SCHOOL. revolution 4, 5, 2022, R Sandra, P Razi, R Jonuarti, SY Sari, 2022

PENGEMBANGAN VISIBLE SPECTROPHOTOMETER MENGGUNAKAN DETEKTOR PHOTODIODE ARRAY. , P RAZI, 2022

Validitas Lembar Kegiatan Peserta Didik (LKPD) Berbasis Inkuiri Terbimbing pada Materi Perubahan Lingkungan untuk Melatihkan Keterampilan Proses Peserta Didik Kelas X SMA. Berkala Ilmiah Pendidikan Biologi (BioEdu) 10 (1), 113-125, 2021, FD Novitasari, W Budijastuti, 2021

Kualitas Sistem Informasi Berdasarkan ISO/IEC 25010: Literature Review. Majalah Ilmiah Teknologi Elektro 20 (1), 15, 2021, MD Mulyawan, INS Kumara, IBA Swamardika, KO Saputra, 2021

PERBANDINGAN PEMAHAMAN KONSEP PESERTA DIDIK DENGAN MENGGUNAKAN MEDIA PEMBELAJARAN CROCODILE PHYSIC DAN MEDIA PEMBELAJARAN PHET SIMULATION. UIN Raden Intan Lampung, 2021, S FERY, 2021

3D modelling using structure from motion technique for land observation in Kelok 9 flyover. Journal of Physics: Conference Series 1876 (1), 012026, 2021, P Razi, JTS Sumantyo, S Ali, J Aminuddin, F Kurniawan, RR Putra, ..., 2021

Design of ionosphere sensor for total electron content measurement. Journal of Physics: Conference Series 1940 (1), 012089, 2021, P Sitompul, T Manik, P Razi, 2021

Potential Landslide Detection in Kelok Sembilan Flyover Using SAR Interferometry. International Journal on Advanced Science, Engineering and InformationÂ ..., 2021, Pakhrur Razi, Josaphat Tetuko Sri Sumantyo, Daniele Perissin, Yulkifli, 2021

Gempa 5, 8 SR Mentawai Mengurangi Simpanan Energi Besar. Harian Umum Haluan Sabtu, 6 Maret 2021, 2021, P Razi, 2021

Zonation Analyses of Hydrothermal Alteration and Ore Metal Mineralisation at Temon, Pacitan, East Java, Indonesia. Journal of Geoscience, Engineering, Environment and Technology 6 (10), 24-33, 2021, YRS Sukisman, S Mulyaningsih, RA Hidayah, 2021

THE NEED ANALYSIS OF INTERACTIVE MULTIMEDIA DEVELOPMENT USING ADOBE FLASH FOR SENIOR HIGH SCHOOL. Jurnal Atrium Pendidikan Biologi 6 (3), 238-244, 2021, AO Sinaga, A Ardi, E Erma, 2021

PENGEMBANGAN VIDEO PEMBELAJARAN TERHADAP KEMAMPUAN PENALARAN MATEMATIS DI MA DAARUL HIKMAH PESAWARAN. UIN Raden Intan Lampung, 2021, A DINA, 2021

Development of Mobile Learning Module Using Tutor in Physics Learning Class X SMA Negeri 9 Padang Oriented Literacy Skills Industrial Revolution 4.0. Jurnal Ilmu Fisika dan Pembelajarannya (JIFFP) 5 (2), 1-9, 2021, WM Yetri, P Razi, 2021

Forest areas with a high potential risk of fire mapping on peatlands using interferometric synthetic aperture radar. 2021 7th Asia-Pacific Conference on Synthetic Aperture Radar (APSAR), 1-4, 2021, J Widodo, H Riza, A Herlambang, R Arief, P Razi, F Kurniawan, Y Izumi, ..., 2021

Pembelajaran Menggunakan Kaedah Koperatif "Stay and Stray" Dalam Penulisan Bahasa. Fakulti Pengajian Bahasa Utama, USIM, 2021, CW Ng, MS Amran, 2021

Comparison Design of the Feeding Method of a 4Ã? 4 Microstrip Array Antenna. 2019 Photonics & Electromagnetics Research Symposium-Spring (PIERS-SpringÂ ..., F Kurniawan, JTS Sumantyo, CE Santosa, PP Sitompul, P Razi, ..., 2020

Ground deformation analysis on road infrastructure in north buton Indonesia using interferometric synthetic aperture radar (Insar). International Conference on Civil and Environmental Engineering (ICCEE) 419Â ..., 2020, LMG Jaya, J Safani, A Okto, M Hasbi, A Kadir, 2020

Modeling of aquifer using vertical electrical sounding data with kriging interpolation in Padang City. Journal of Physics: Conference Series, 2020, A Octova, M Gusman, P Razi, RR Putra, AE Putra, 2020

Numerical Analysis of Energy Converter for Wave Energy Power Generation-Pendulum System. The International Journal of Renewable Energy Development 9 (2), 255-261, 2020, AA Jamrud Aminuddin, Mukhtar Effendi, Nurhayati Nurhayati, Agustina Widiyani ..., 2020

LAND DEFORMATION MONITORING USING D-INSAR TECHNIQUE DURING LOMBOK EARTHQUAKE OBSERVED BY SENTINEL-1A/B. International Journal of Geomate 19 (73), 257-262, 2020, P Razi, JTS Sumantyo, J Widodo, Y Izumi, D Perissin, 2020

Land formation modelling of Taiwan Earthquake using Interferometry technique. Journal of Physics: Conference Series, 1-5, 2020, P Razi, JTS Sumantyo, Yulkifli, J Widodo, D Perissin, Jefriza, 2020

Estimation of Ideal Configuration and Dimension of Pico Hydropower using Euler-Lagrange Equation and Runge-Kutta Method. Journal of Physics: Conference Series 1494 (1), 012039, 2020, J Aminuddin, A Widiyani, P Razi, AN Aziz, RF Abdullatif, A Arifin, 2020

Dr. Ramlı. Journal of Physics: Conference Series 1528, 011003, 2020, P Razi, L Bayuaji, 2020

SAR Sentinel-1: mitigation strategies for earth's surface displacements in Aceh, Indonesia. IOP Conf. Series: Earth and Environmental Science, 2020, MR Jefriza, Habibah Lateh, Izham Mohamad Yusoff, Ismail Ahmad Abir, Saumi ..., 2020

Application of interferometric SAR using Sentinel-1A for flood monitoring in South of Sulawesi, Indonesia. IOP Conf. Series: Earth and Environmental Science, 2020, MR Jefriza*, Habibah Lateh, Izham Mohammad Yusoff , Ismail Ahmad Abir ..., 2020

The applications of InSAR technique for natural hazard detection in smart society. Journal of Physics: Conference Series 1572, 2020, PRHL Jefriza, I M Yusoff1, I A Abir, S Syahreza*, M Rusdi, 2020

Validitas multimedia interaktif berbantuan i-spring suite 8 berdasarkan edupark fisika untuk siswa sma kelas x. Pillar Of Physics Education 13 (2), 2020, V Viviandri, H Hamdi, A Akmam, F Mufit, 2020

Application of Time-Series Sentinel-1A for Land Deformation in Central Aceh, Indonesia. IOP Conference Series: Earth and Environmental Science 572 (1), 012035, 2020, IM Yusoff, IA Abir, S Syahreza, M Rusdi, P Razi, H Lateh, 2020

Pantang Menyerah. Harian Umum Haluan, P Razi, 2020

Kelayakan Teoritis Lembar Kegiatan Peserta Didik (LKPD) Berbasis Model Inkuiiri Terbimbing Materi Sistem Reproduksi Manusia untuk Melatihkan Kemampuan Berpikir Kritis. Berkala Ilmiah Pendidikan Biologi (BioEdu) 9 (3), 525-534, 2020, Z Wafiroh, W Budijastuti, 2020

Respon Mahasiswa terhadap Proses Pembelajaran Biologi Melalui Google Classroom di Universitas Maritim Raja Ali Haji. Pedagogi Hayati 4 (1), 10-18, 2020, A Fernando, 2020

Rawan Bencana: 7 Daerah Butuh Perhatian Khusus. Harian Umum Singgalang, 2020, P Razi, 2020

AXI Bus Hardware Accelerator IP for SAR Image Processor Onboard Airborne. Journal of Unmanned System Technology 7 (2), 24-32, 2020, GF Panggabean, JTS Sumantyo, CM Yam, H Kuze, P Razi, F Kurniawan, 2020

qwww. wwee, P Razi, 2020

Gempa Besar Masuk Siklus 200 tahun. Koran Rakyat Sumbar Rabu 18 November 2020, 2020, P Razi, 2020

qqww. 2www, P Razi, 2020

Application of Polarimetric Decomposition and Interferometric SAR Using ALOS-2 PALSAR-2 Data to Detect Potential of Combustible Peatland Areas. 2019 Photonics & Electromagnetics Research Symposium-Spring (PIERS-Spring) ..., 2020, J Widodo, A Takahashi, P Razi, Y Izurni, P Sitompul, H Kausarian, ..., 2020

Comparison Design of the Feeding Method of a 4×4 Microstrip Array Antenna. 2019 Photonics & Electromagnetics Research Symposium-Spring (PIERS-Spring..., 2020, F Kurniawan, JTS Sumantyo, CE Santosa, PP Sitompul, P Razi, ..., 2020

13 Gempa dalam Lima Hari. Harian Umum Haluan Kamis, 20 Oktober 2020, 2020, P Razi, 2020

Kesiapsiagaan Ganda Sikapi Bencana: Sumbar di Antara Pandemi dan Potensi Megathrust. Harian Umum Haluan Kamis, 30 Oktober 2020, 2020, P Razi, 2020

Waspada Energi Siberut 8 SR. Harian Umum Rakyat Sumbar Kamis, 19 November 2020, 2020, P Razi, 2020

Gempa Bisa Pengaruhi Cekungan Siberut. Harian Umum Haluan Kamis, 6 Agustus 2020, 2020, P Razi, 2020

Sumbar Masuki Puncak Hujan Tahunan. Harian Umum Haluan Minggu, 3 Mei 2020, 2020, P Razi, 2020

Effect of Earthquake Intensity to Land Deformation Observed from Space. 2019 Photonics & Electromagnetics Research Symposium-Spring (PIERS-Spring..., 2020, P Razi, JTS Sumantyo, K Nishi, J Widodo, A Munir, F Febriany, 2020

Land Subsidence Analysis Observed by Ps-insar Method in Southern Part of Bali, Indonesia (A Case Study of Denpasar and Badung Area). Ecotrophic 14 (2), 214-223, 2020, MR Dwiputra, T Osawa, IWGA Karang, 2020

Pengembangan Model Pembelajaran On-line (e-learning) Menggunakan LMS (Learning Management System) untuk Pembelajaran Fisika di Sekolah Menengah. Prosiding, 5, 2020, A Rajak, A Putra, P Razi, 2020

A Study for a Radio Telescope in Indonesia: Parabolic Design, Simulation of a Horn Antenna, and Radio Frequency Survey in Frequency of 0.045–18 GHz. Aerospace 11 (1), 52, 2024, PP Sitompul, P Razi, T Manik, M Batubara, M Lathif, F Mumtahana, ..., 2024

SLOPE OBSERVATION OF THE PADANG SOLOK ROAD AREA BASED ON RADAR DATA. , I Marsa, P Razi, K Nishi, 2024

Analisis Kebutuhan Pengembangan Aplikasi Mobile Learning Berbasis Android Sebagai Media Pembelajaran Fisika. Jurnal Pendidikan Tambusai 8 (1), 9518-9524, 2024, F Melnix, P Razi, 2024

Digital mapping of soil organic carbon in volcanic soils after prolonged eruption Mt. Sinabung, Karo Regency, North Sumatra, Indonesia. IOP Conference Series: Earth and Environmental Science 1306 (1), 012024, 2024, D Fiantis, N Yulanda, FI Ginting, 2024

Corrigendum to “Monitoring of tectonic deformation in the seismic gap of the Mentawai Islands using ALOS-1 and ALOS-2” Remote Sensing Applications: Society and Environment.... Remote Sensing Applications: Society and Environment, 101211, 2024, P Razi, JTS Sumantyo, MY Chua, D Perissin, T Tadono, T Kurnia, D Arisa, 2024

Monitoring Deformasi Pulau Pagai Utara dan Selatan Menggunakan Data Gps Geodetik. Universitas Negeri Padang, 2024, T Kurnia, 2024

Karakterisasi Struktur Mikro Nanokomposit Fe₃O₄-Oksida Grafena dari Limbah Tempurung Kelapa. Universitas Negeri Padang, 2024, M Damayani, 2024

Mengurangi Jejak Sejarah Revolusi Industri 4.0: Dari Konsep Hingga Realisasi. Transformasi: Journal of Economics and Business Management 3 (1), 178-192, 2024, Y Kurniawan, ES Pudjiarti, 2024

Pengembangan E-book Fisika Berbasis Problem Based Learning Berorientasi Higher Order Thinking Skills untuk SMA/MA Kelas X. Universitas Negeri Padang, 2024, S Agustin, 2024

Pengembangan E-modul Fisika Kurikulum Merdeka untuk Meningkatkan Kemandirian Belajar pada Materi Pemanasan Global dan Pencemaran Lingkungan Kelas X SMA/MA. Universitas Negeri Padang, 2024, N Asfiya, 2024

Studi Geologi Terhadap Analisis Kestabilan Lereng Menggunakan Metode RMR (Rock Mass Rating) Pada Jalan Daerah Koto Lamo, Kecamatan Kapur Sembilan, Sumatera Barat. Jurnal Integrasi 15 (1), 80-90, 2023, H Kausarian, M Yusuf, A Suryadi, P Razi, F Mairizki, 2023

Development of Physics Learning Based on Video Integrated Flipped Classroom Model Using Moodle. PILLAR OF PHYSICS EDUCATION 16 (2), 103-112, 2023, S sutri Insani, P Razi, 2023

Rancang Bangun Sistem Keamanan Smarthome Berbasis Arduino menggunakan Biometric Recognition. Fakultas Matematika & Ilmu Pengetahuan Alam, 2023, M Hardyan, 2023

Suitability of Mangrove Ecosystems as a Protected Zone Based on Land-Use Changes. Physical Oceanography 30 (6), 866-881, 2023, A Putra, R Darwis, I Dewata, T Al Tanto, MA Mustapha, P Razi, R Zainul, 2023

Practicality of Physics E-books Based on Problem-Based Learning Oriented to Higher Order Thinking Skills for Students. Jurnal Penelitian Pembelajaran Fisika 9 (2), 210-219, 2023, S Agustin, P Razi, 2023

Validity of E-Book Based on Problem-Based Learning with Higher Order Thinking Skills Oriented for Senior High School. Journal of Physics: Conference Series 2582 (1), 012066, 2023, S Agustin, P Razi, 2023

Estimation of Potential Earthquake Epicenter Based on Level of Land Deformation Along Coastal Line of South Java. IGARSS 2023-2023 IEEE International Geoscience and Remote Sensing SymposiumÂ ..., 2023, P Razi, JTS Sumantyo, Y Izumi, T Tadono, Y Mizukami, M Ohki, ..., 2023

I would like to express my sincere appreciation to six distinguished experts as our keynote speakers, all the participants, financial sponsors, exhibitors, supportingÂ Journal of Physics: Conference Series 2582, 011001, 2023, P Razi, 2023

Implementation of Ground-Based SAR Echo Generator on Xilinx Artix-7 FPGA. 2023 29th International Conference on Telecommunications (ICT), 1-6, 2023, YD Damanik, RIP Siregar, SV Simangunsong, GF Panggabean, 2023

Pemetaan Laju Deforestasi Hutan di Kalimantan Selatan Menggunakan Citra Landsat. Universitas Negeri Padang, 2023, R Mardianis, 2023

Pemetaan Daerah Rawan Longsor Jalur Sitinjau Lauik Menggunakan Radar SAR. Universitas Negeri Padang, 2023, I Marsa, 2023

Proceedings of the Unima International Conference on Social Sciences and Humanities (UNICSSH 2022). Springer Nature, 2023, RHE Sendouw, T Pangalila, S Pasandaran, VP Rantung, 2023

Pembuatan Tool Pemodelan Eksperimen Viskostas dengan Pengontrolan Jatuh Benda Otomatis untuk Analisis Video Tracker. Universitas Negeri Padang, 2022, YC Tampili, 2022

Pengembangan E-Book Fisika SMA Terintegrasi Materi Bencana Petir Berbasis Discovery Learning. Universitas Negeri Padang, 2022, GE Putri, 2022

Effectiveness e-authentic assessment in computer network course. Journal of Physics: Conference Series 1481 (1), 012131, 2020, R Efendi, Y Irawati, 2020

Current land subsidence in Jakarta: a multi-track SBAS InSAR analysis during 2017–2022 using C-band SAR data. Geocarto International 39 (1), 2364726, 2024, H Harintaka, AG Suhadha, A Syetiawan, M Ardha, A Rarasati, 2024

Surface deformation monitoring and forecasting of sinabung volcano using interferometry synthetic aperture radar and forest-based algorithm. *Remote Sensing Applications: Society and Environment* 36, 101288, 2024, M Hanif, S Apichontrakul, P Razi, 2024

Recent advances and molecular mechanisms of TGF-? signaling in colorectal cancer, with focus on bioactive compounds targeting. *Biomedicine & Pharmacotherapy*, 116886, 2024, S Bakrim, N El Hachlafi, A Khalid, AN Abdalla, N El Omari, S Aboulaghra, ..., 2024

Initial report on the multiple biological and pharmacological properties of hispolon: Exploring stochastic mechanisms. *Biomedicine & Pharmacotherapy* 177, 117072, 2024, T Aanniz, I Zeouk, Y Elouafy, J Touhtouh, R Hassani, K Hammani, ..., 2024

Plant extracts as emerging modulators of neuroinflammation and immune receptors in Alzheimer's pathogenesis. *Heliyon* 10 (16), 2024, IE Mohamed, EE Osman, A Saeed, LC Ming, KW Goh, P Razi, ..., 2024

Antioxidant activity, physico-chemical properties, and bioactive compounds of Nigella sativa seeds and oil impacted by microwave processing technique. *Heliyon* 10 (18), 2024, S Oubannin, SM Jadouali, H Atifi, L Bijla, M Ibourki, J Gagour, HA Bouzid, ..., 2024

The Quantifying Crustal Deformation Caused by the Cianjur Tectonic Earthquakes Magnitude 5.6 through InSAR and GNSS Technology. *Bulletin of Earth Sciences of Thailand* 16 (1), 2024, M Hanif, 2024

Monitoring Deformasi Pulau Sipora Kepulauan Mentawai Menggunakan Data Global Positioning System (GPS) Geodetik. *Universitas Negeri Padang*, 2024, R Fadilah, 2024

Association of anxiolytic drugs with Torsade de Pointes: a pharmacovigilance study of the Food and Drug Administration Adverse Event Reporting System. *Journal of Pharmaceutical Policy and Practice* 17 (1), 2399716, 2024, Z Ali, M Ismail, IU Rehman, KW Goh, P Razi, LC Ming, 2024

Pharmacist and veterinarian collaboration in Klang Valley, Malaysia: A veterinarians' perception. *Heliyon* 10 (19), 2024, GS Panneerselvam, RW Lee, MJ Farrukh, YMA Alhamda, SM Alsultan, ..., 2024

Development of Microstrip Low-Pass Filter for Weather Radar Application. *Research on Electromagnetic* 1 (1), 2024, RRA Hamdi, P Razi, M Mairizwan, 2024

Analysis of Slope Stability Ex Disposal Area Using the Bishop Simplified Method. *International Conference of Geoscience and Remote Sensing Technology*, 241-255, 2023, YM Anaperta, A Octova, J Andika, R Adinata, A Seprianti, P Razi, ..., 2023

Evaluation of Drilling and Blasting Geometry at Kencana Underground Gold Mine Pt. Nusa Halmahera Minerals, North Halmahera District, North Maluku Province. *International Conference of Geoscience and Remote Sensing Technology*, 223-240, 2023, AM Hadi, M Gusman, A Octova, TG Saldy, R Viedtaha, 2023

Climatology of Precipitation Diurnal Cycle Over Java and Bali Island from IMERG V06 and Rain Gauge Data. *International Conference of Geoscience and Remote Sensing Technology*, 81-92, 2023, H Yusnaini, M Marzuki, R Ramadhan, R Muhsaryah, M Vonnisa, A Afdal, ..., 2023

A Comparison of GNSS Measurement Methods for Orthorectification of High-Resolution Satellite Images: A Case Study of Worldview-2 and Geoeye-1 Satellite Images in Padang City. *International Conference of Geoscience and Remote Sensing Technology*, 257-272, 2023, D Fitriawan, DA Arif, 2023

Analysis of Land Movement in Talago Mountain Village Using the Geographical Information System Method. *International Conference of Geoscience and Remote Sensing Technology*, 297-308, 2023, F Nauli, TG Saldy, B Heriyadi, SR Yanti, A Algifari, YM Anaperta, ..., 2023

Seasonal Variation of Cloud Layer Over Sumatra from Long-Term Ceilometer Observation. International Conference of Geoscience and Remote Sensing Technology, 135-143, 2023, NA Pujadini, S Zaki, F Effendi, RT Aini, M Vonnisa, R Ramadhan, ..., 2023

Overburden Volume Calculation Using Data Survey. International Conference of Geoscience and Remote Sensing Technology, 287-295, 2023, R Maiyudi, J Andas, GO Hendri, A Baron, 2023

Migration of Tropospheric Precipitation Over Sumatra as Revealed by the Global Precipitation Measurement Dual-Frequency Precipitation Radar Observation. International Conference of Geoscience and Remote Sensing Technology, 69-79, 2023, R Ramadhan, M Marzuki, H Yusnaini, M Vonnisa, H Hashiguchi, 2023

Long-Term Trend of Wind Over Sumatra from Equatorial Atmosphere Radar Observation and ERA-5 Data During 2001–2019. International Conference of Geoscience and Remote Sensing Technology, 125-133, 2023, N Wahyuni, R Ramadhan, M Marzuki, H Yusnaini, M Vonnisa, ..., 2023

A Microstrip Antenna with H-Slot for Rain Radar Application. International Conference of Geoscience and Remote Sensing Technology, 57-67, 2023, D Sukma, F Al Haqqi, Yohandri, 2023

Analysis of Ground Movement Using Geographic Information System Method in the Area of Sikalang Village, Talawi District, Sawahlunto City. International Conference of Geoscience and Remote Sensing Technology, 309-323, 2023, SR Yanti, TG Saldy, H Prabowo, F Nauli, R Anarta, J Andas, MF Irwan, 2023

Performance Evaluation of the Conversion Method of 30-Minute Rainfall from IMERG to 1-min Rainfall at Kototabang, West Sumatra. International Conference of Geoscience and Remote Sensing Technology, 115-124, 2023, LA Pratama, JL Hanum, AS Annisa, H Hashiguchi, T Shimomai, ..., 2023

The Role of Remote Sensing and Gis Data for Mapping Land Price Estimation in Payakumbuh City, Indonesia. International Conference of Geoscience and Remote Sensing Technology, 273-286, 2023, F Syahar, R Ramanda, F Hayati, 2023

Analysis of the Effectiveness of the Mine Cycle Acceleration with Double Blasting Method at Kencana Underground Mine, PT Nusa Halmahera Minerals, Indonesia. International Conference of Geoscience and Remote Sensing Technology, 355-374, 2023, R Viedyatha, M Gusman, D Yulhendra, R Maiyudi, AM Hadi, 2023

Deformation Monitoring of Sipora Island Using Geodetic Global Positioning System Data. International Conference of Geoscience and Remote Sensing Technology, 209-222, 2023, R Fadilah, P Razi, B Setiadi, 2023

Multivariate Analysis of Crusher Work Time to Minimize Loss Time in Granite Mining. International Conference of Geoscience and Remote Sensing Technology, 29-44, 2023, E Maharani, A Octova, YM Anaperta, MHM Hashim, P Razi, 2023

Monitoring Areas of Potential Liquefaction Based on Water Index in Padang City Indonesia Using Landsat Images. International Conference of Geoscience and Remote Sensing Technology, 325-353, 2023, A Putri, P Razi, 2023

Bathymetry Changed Mapping in Pagai Island Using Remote Sensing. International Conference of Geoscience and Remote Sensing Technology, 1-14, 2023, TD Fannia, P Razi, J Aminuddin, J Widodo, P Sitompul, F Kurniawan, 2023

Derivation of Atmospheric Aerosol Optical Thickness by Concurrent Observation of Sunphotometer and Himawari-8 Satellite. International Conference of Geoscience and Remote Sensing Technology, 93-103, 2023, J Aminuddin, R Farzand Abdullatif, Sunardi, Mashuri, L Toersilowati, ..., 2023

Additional of the Light Filter to the Telescope for Monitoring of the New Moon of the Hijri Calendar. International Conference of Geoscience and Remote Sensing Technology, 145-154, 2023, J Aminuddin, Sunardi, P Razi, 2023

- Proximate Analysis, Sulfur, and Calorific Value in Determining Coal Quality. International Conference of Geoscience and Remote Sensing Technology, 15-27, 2023, RD Riski, A Octova, YM Anaperta, MHM Hashim, P Razi, 2023
- Extraction of Soil Moisture Value Using ALOS PALSAR Data. International Conference of Geoscience and Remote Sensing Technology, 375-389, 2023, R Putri, P Razi, 2023
- Deformation Mapping After Pasaman Earthquake Using Sentinel-1 Imagery. International Conference of Geoscience and Remote Sensing Technology, 45-55, 2023, MY Pratama, P Razi, 2023
- Deformation Monitoring on Pagai Island Using Geodetic Data. International Conference of Geoscience and Remote Sensing Technology, 155-174, 2023, T Kurnia, P Razi, D Arisa, 2023
- The LST and NDVI Before and After Earthquake of West Celebes 2021 Using Terra/Aqua MODIS Satellite Image. International Conference of Geoscience and Remote Sensing Technology, 105-113, 2023, J Aminuddin, A Sabarati, A Rahmawati, P Razi, I Alimuddin, D Cahyana, ..., 2023
- Siberut Island Movement and Direction Monitoring Using SuGAR Data. International Conference of Geoscience and Remote Sensing Technology, 175-191, 2023, W Dwiyanti, P Razi, D Arisa, 2023
- Mine Dewatering Analysis in Pakal Island North Maluku. International Conference of Geoscience and Remote Sensing Technology, 193-208, 2023, MP Armaini, YM Anaperta, A Octova, R Anarta, R Har, H Prabowo, 2023
- Various impacts of Sinabung eruption volcanic ash thickness with different vegetation on the microorganism population in andisols. IOP Conference Series: Earth and Environmental Science 454 (1), 012168, 2020, I Qadaryanty, M Sembiring, B Hidayat, 2020
- Monitoring Using SuGAR Data. ADVANCES IN GEOSCIENCE AND REMOTE SENSING TECHNOLOGY, 175, 2024, W Dwiyanti, P Razi, D Arisa, 2024
- Earthquake of West Celebes 2021 Using Terra/Aqua MODIS Satellite Image. ADVANCES IN GEOSCIENCE AND REMOTE SENSING TECHNOLOGY, 105, 2024, P Razi, I Alimuddin, D Cahyana, RA Gani, 2024
- Multivariate Analysis of Crusher Work. ADVANCES IN GEOSCIENCE AND REMOTE SENSING TECHNOLOGY, 29, 2024, E Maharani, A Octova, YM Anaperta, MHM Hashim, P Razi, 2024
- in Padang City Indonesia Using Landsat Images. ADVANCES IN GEOSCIENCE AND REMOTE SENSING TECHNOLOGY, 325, 2024, A Putri, P Razi, 2024
- Deformation Mapping After Pasaman Earthquake Using Sentinel. ADVANCES IN GEOSCIENCE AND REMOTE SENSING TECHNOLOGY, 45, 2024, MY Pratama, P Razi, 2024
- Observation of Sunphotometer. ADVANCES IN GEOSCIENCE AND REMOTE SENSING TECHNOLOGY, 93, 2024, J Aminuddin, RF Abdullatif, M Sunardi, L Toersilowati, A Sulaiman, P Razi, ..., 2024
- Extreme Rainfall Trends and Hydrometeorological Disasters in Tropical Regions: Implications for Climate Resilience. Emerging Science Journal 8 (5), 1860-1874, 2024, E Yanfatriani, M Marzuki, M Vonnisa, P Razi, CA Hapsoro, R Ramadhan, ..., 2024
- Development of A Sensor-Based Tool for Measurement of Sensor-Based Capturing Skills. JOIV: International Journal on Informatics Visualization 8 (3-2), 2024, A Komaini, Y Kiram, P Razi, JB Zakaria, SG Handayani, H Andika, 2024
- Advances in Geoscience and Remote Sensing Technology. Springer Nature, 2024, JTS Sumantyo, P Razi, 2024

Bio-shield of Sunderban Mangroves, Tropical Cyclone Remal and thereafter: Mitigating Climate Stress through Blue Carbon Storage and Sequestration. Journal of Stress Physiology & Biochemistry 20 (4), 123-126, 2024, S Sen, 2024

Research of the Last 5 Years

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

Pengembangan Early Warning System Gempa Bumi Dengan Display Smartphone Berbasis Sensor Getaran Tiga Dimensi. Penelitian Terapan Kompetitif Nasional, Leader: Yulkifli, Implementation Year: 2023

Pengembangan E-book Fisika Berbasis Problem Based Learning Berorientasi Higher Order Thinking Skills (hots) Untuk Sma Kelas X. Penelitian Tesis Magister, Leader: Pakhrur Razi, Implementation Year: 2022

Klasifikasi Lithologi Dan Distribusi Aquifer Daerah Teridentifikasi Berpotensi Likuefaksi Di Kota Padang Menggunakan Radar Sar Dan Electrical Resistivity. Penelitian Kerjasama Perguruan Tinggi Luar Negeri, Leader: Pakhrur Razi, Implementation Year: 2022

Pengembangan Alat Analisis Kontraksi Otot Stabilizer Berbasis Sensor Sebagai Evaluasi Fungsi Gerak Motorik Dynamic Neuromuscular Stabilization (dns) Anak Usia Dini. Penelitian Kerjasama Perguruan Tinggi Luar Negeri, Leader: Anton Komaini, 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

Analisis Dan Monitoring Daerah Rawan Longsong Menggunakan Data Drone Dan Ground-based Sar. Penelitian Kerjasama Perguruan Tinggi Luar Negeri, Leader: Yohandri, Implementation Year: 2022

Metode Baru Pemetaan Zona Kerentanan Likuefaksi Kota Padang Menggunakan Satelit Remote Sensing Multi-sensor Dan Parameter. Ptpt-penelitian Kerjasama Perguruan Tinggi Luar Negeri Terapan, Leader: Pakhrur Razi, Implementation Year: 2021

Analisis Dan Monitoring Daerah Rawan Longsong Menggunakan Data Drone Dan Ground-based Sar. Pdpt-penelitian Kerjasama Perguruan Tinggi Luar Negeri Dasar, Leader: Yohandri, Implementation Year: 2021

Pengembangan Alat Analisis Kontraksi Otot Stabilizer Berbasis Sensor Sebagai Evaluasi Fungsi Gerak Motorik Dynamic Neuromuscular Stabilization (dns) Anak Usia Dini. Ptpt-penelitian Kerjasama Perguruan Tinggi Luar Negeri Terapan, Leader: Anton Komaini, Implementation Year: 2021

Strain Accumulation Monitoring And Mapping On Sumatra Megathrust Zone Using Alos-2 For Prediction The Potential Earthquake And Tsunami. Penelitian Terapan, Leader: Pakhrur Razi, Implementation Year: 2021

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

Metode Baru Pemetaan Zona Kerentanan Likuefaksi Kota Padang Menggunakan Satelit Remote Sensing Multi-sensor Dan Parameter. Penelitian Kerjasama Pt Luar Negeri Terapan, Leader: Pakhrur Razi, Implementation Year: 2020

Monitoring Mekanisme Patahan Dan Analisis Dampak Gempa M. 6.2 Pasaman Menggunakan Teknologi Satelit Synthetic Aperture Radar (sar). Penelitian Pusat/kelompok Riset, Leader: Pakhrur Razi, Implementation Year: 2023

Pengembangan Model Prediksi Sub-surface Fire Propagation (rambatan Api Bawah Tanah) Pada Lahan Gambut..
Penelitian Riset Kolaborasi Indonesia-rki (host), Leader: Pakhrur Razi, Implementation Year: 2023

Klasifikasi Lithologi Dan Distribusi Aquifer Daerah Teridentifikasi Berpotensi Likuefaksi Di Kota Padang Menggunakan Radar Sar Dan Electrical Resistivity. Penelitian Kerjasama Perguruan Tinggi Luar Negeri, Leader: Pakhrur Razi, Implementation Year: 2023

Penerapan Metode Kombinasi Pasif Seismik Dan Geolistrik Untuk Mengidentifikasi Kawasan Rentan Bencana Di Kota Padang. Pd-penelitian Dasar, Leader: Adree Octova, Implementation Year: 2023

Rancang Bangun Instrumen Tes Digital Kemampuan Motorik Komponen Lokomotor Berbasis Sensor Dan Internet Of Things/iot. Penelitian Kerjasama Perguruan Tinggi Luar Negeri, Leader: Anton Komaini, Implementation Year: 2023

Community Service of the Last 5 Years

Nagari Tangguh Bencana Menggunakan Pendekatan Multi Bahaya Di Seberut Selatan. Program Pengembangan Nagari Binaan (ppnb), Leader: Pakhrur Razi, Implementation Year: 2022

Nagari Tangguh Bencana Menggunakan Pendekatan Multi Bahaya Di Seberut Selatan. Program Pengembangan Nagari Binaan (ppnb), Leader: Pakhrur Razi, Implementation Year: 2021

Pelatihan Pengelolaan Sampah Plastik Daerah Kepulauan Di Siberut Selatan. Program Kemitraan Masyarakat (pkm), Leader: Nofi Yendri Sudiar, Implementation Year: 2021

Pkm Pembelajaran Online Dimasa Covid-19 Bagi Mgmp Fisika Kota Padang Dan Padang Pariaman. Program Kemitraan Masyarakat (pkm), Leader: Pakhrur Razi, Implementation Year: 2020

Nagari Tangguh Bencana Menggunakan Pendekatan Multi Bahaya Di Seberut Selatan. Program Pengembangan Nagari Binaan (ppnb), Leader: Pakhrur Razi, Implementation Year: 2023

IPR's of the Last 5 Years

Peta Vektor Pergeseran Dan Kecepatan Perpindahan Pulau Siberut Menggunakan Data GPS Geodetik Jaringan SuGar Dan IGS. Inventor: Pakhrur Razi, S.Pd, M.Si, Ph.D, Publication Date: 2023-01-04

Analisis Topografi Dan Geologi Daerah Berpotensi Likuifaksi Di Kota Padang Menggunakan Citra Satelit. Inventor: Pakhrur Razi, Ph.D, Publication Date: 2022-10-20

Perubahan Garis Pantai Di Kepulauan Mentawai 2005-2020 Menggunakan Data Landsat 7 Dan 8. Inventor: Pakhrur Razi, S.Pd, M.Si, Ph.D, Publication Date: 2022-08-01

E-Book Fisika Berbasis Problem Based Learning Berorientasi Higher Order Thinking Skills Untuk SMA/MA Kelas X. Inventor: Pakhrur Razi, S.Pd, M.Si, Ph.D, Publication Date: 2022-08-30

Deformasi Pulau Pagai Utara Dan Selatan Menggunakan Data GPS Geodetik. Inventor: Pakhrur Razi, S.Pd, M.Si, Ph.D, Publication Date: 2022-08-12

Radar SAR (Synthetic Aperture Radar) ALOS-2 Peta Tren Deformasi Pulau Pagai Kab. Kepulauan Mentawai.

Inventor: Pakhrur Razi, S.Pd, M.Si, Ph.D, Publication Date: 2021-09-29

Peta Tren Deformasi Pulau Pagai Kab. Kepulauan Mentawai Menggunakan Radar SAR (Synthetic Aperture Radar)

ALOS-1. Inventor: Pakhrur Razi, S.Pd, M.Si, Ph.D, Publication Date: 2021-09-29

Peta Water Content Kota Padang Sebagai Salah Satu Parameter Daerah Berpotensi Likuifaksi. Inventor: Pakhrur Razi, Publication Date: 2021-09-02

Bahan Ajar Fisika Berbasis Kegiatan Laboratorium. Inventor: Drs. Amali Putra, M. Pd, Pakhrur Razi, S. Pd., M. Si., Ph.D, Publication Date: 2020-03-11

Bahan Ajar Perancangan Pembelajaran Fisika. Inventor: Drs. Amali Putra, M. Pd, Pakhrur Razi, S. Pd., M. Si., Ph.D, Publication Date: 2020-03-11

Pemetaan Laju Deforestasi Hutan Di Kalimantan Selatan Menggunakan Citra Landsat. Inventor: Prof. Pakhrur Razi, S.Pd., M.Si., Ph.D. dan Reza Mardianis, S.Si, Publication Date: 2024-03-13

Book of the Last 5 Years