



## CURRICULUM VITAE

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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.

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## Research of the Last 5 Years

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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

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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

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Pengembangan Alat Analisis Kontraksi Otot Stabilitor 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

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

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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

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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

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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

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### 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

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

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

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### 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

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

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### Book of the Last 5 Years

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