



Dr. Ir. Didik Sugiyanto, S.Si, MT

Position	Geophysics (Physics Department: Bachelor Degree of Electronic Engineering Study Programme; Bachelor Degree and Master Degree of Physics Study Programme)
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Academic Career	<p>Doctorate course: Institut Teknologi Bandung (ITB), Indonesia- Geodesy and Geomatics Engineering (2007-2013);</p> <p>Magister Course: Institut Teknologi Bandung (ITB), Indonesia- Geophysics Engineering (2000-2003);</p> <p>Bachelor Course: Institut Teknologi Bandung (ITB), Indonesia- Physics Department (1993-2000)</p>
Employment	Head of geophysics peer group at Physics Dept., FMIPA, USK (2021-present), Assistant Professor of Physics Dept., FMIPA, USK (2024 – present), Head of geophysics laboratory at Physics Dept., FMIPA, USK (2017- 2020)
Research and development projects (last 5 years)	<ol style="list-style-type: none"> 1. Investigasi Bahaya Longsor Menggunakan Integrasi Data Resistivitas dan Kelerengan di Sepanjang Jalan Jantho – Lamno, PNPB USK, 2023 2. Perancangan needle probe berbasis Arduino untuk Estimasi model distribusi suhu bawah permukaan Gunung api seulawah agam PNPB USK, 2021 3. Analisa Struktur Sesar Aktif berdasarkan Data Resistivitas dan Gaya Berat (Studi kasus : Sesar Aktif Sumatra Segmen Aceh)-II Penelitian Terapan Unggulan Perguruan Tinggi, 2018 4. Perancangan Early Warning System Untuk Bencana Kebakaran Rumah dan Gedung Berbasis Wireless Sensor Network Penelitian Kerjasama Antar Perguruan Tinggi, 2018 5. Analisa Struktur Sesar Aktif berdasarkan Data Resistivitas dan Gaya Berat (Studi kasus : Sesar Aktif Sumatra Segmen Aceh) 2016-2017 Penelitian Terapan Unggulan Perguruan Tinggi, 2017
Collaborations (last 5 years)	<ol style="list-style-type: none"> 1. Nagoya University, Japan 2. Institut Teknologi Bandung (Bandung, Indonesia)
Patents and proprietary rights	<ol style="list-style-type: none"> 1. Buku Rencana Mitigasi Bencana Petir Kota Subulussalam 2018 Buku EC00201809233
Selective Publications (last 5 years)	<ol style="list-style-type: none"> 1. Khairunnisa , Yusya Abubakar, Didik Sugianto, 2021, Do Disaster Literacy and Mitigation Policy Affect Residents Resettling in Tsunami Prone Areas? Study from the City of Banda Aceh, Indonesia, Forum Geografi , Vol 35, 38-48, ISSN 0852-0682/ 2460-3945. 2. Muhammad Reyza Khalid, Fadhli, Nasrullah Zaini, dan Didik Sugiyanto, 2021, Aplikasi metode resistivitas 2D untuk mengetahui lapisan batuan serpentinit di daerah Kuta Cot Glie, Aceh Besar, Journal of Aceh Physics Society, Volume, 12-16, E-ISSN 2355-8229. 3. ANALISIS SEBARAN BATUAN SERPENTINIT DI KOTA COT GLIE, ACEH BESAR BERDASARKAN NILAI CHARGEABILITAS BATUAN, 2020, ANALISIS SEBARAN BATUAN SERPENTINIT DI KOTA COT GLIE, ACEH BESAR BERDASARKAN NILAI CHARGEABILITAS BATUAN, Jurnal Hadron, Vol 2 , 37-42, E-ISSN: 2715-9469. 4. Martini, Azmeri, Didik Sugiyanto, 2020, Community Preparation in Tangse District in Flash Flood Disaster Mitigation, International Journal of Multicultural and Multireligious Understanding (IJMMU), Vol. 7, 368-376, ISSN 2364-5369. 5. Anang Heriyanto, Didik Sugiyanto, dan Faisal, 2019, Karakteristik Pola Sambaran Petir Cloud to Ground (CG) di Wilayah Subulussalam, MEGASAINS , Vol.10, 20 - 25, ISSN 2086-5589. 6. Dinni Mahmudi, Muhammad Isa, Didik Sugiyanto, 2019, Interpretation of Near Surface Based on the Magnetic Data at Geothermal Area, Jaboi, Sabang, Journal of Aceh Physics Society, Vol. 8, 90-93, e-ISSN: 2355-8229. 7. Dinni Mahmudi, Muhammad Isa, Didik Sugiyanto, 2019, Interpretation of Near Surface Based on the Magnetic Data at Geothermal Area, Jaboi, Sabang , Journal of Aceh Physics Society, Vol. 8, 90-93, e-ISSN: 2355-8229.
Membership	<ol style="list-style-type: none"> 1. Member of the Indonesian Geophysics Association 2. Member of the Indonesian Physics Association.
External Link	https://fsd.usk.ac.id/didik/