

AGUS HERY PURNOMO



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Date of Birth : 14th August 1984

AREAS OF EXPERTISE

- Disaster Risk Assessment
- Disaster Risk Management
- GIS & Remote Sensing
- InSAR (Interferometric Synthetic Aperture Radar)

EDUCATION

2025 - Present	Postgraduate Researcher (PGR) in the School of Earth and Environment University of Leeds <i>Leeds, United Kingdom</i> <i>Proposed Research: "Ground Deformation Analysis of Lombok Island Using InSAR Time Series"</i>
2019 - 2020	Master of Disaster Resilience and Sustainable Development University of Newcastle <i>New South Wales, Australia</i> <i>Research: "The Use of Geospatial Data to Support Disaster Management in Indonesia – A Review"</i>
2003 - 2009	Bachelor of Engineering Universitas Hasanuddin <i>Makassar, Indonesia</i> <i>Research: "Characteristic of Sulfide Ore Body of Bilolo Area, Walenrang Subdistrict, Luwu District, Sulawesi Selatan Province"</i>

PUBLICATIONS

- 1) Purnomo, A. H. (2023) *Memahami dan menilai risiko bencana. Memahami esensi komponen pembentuk risiko bencana dan menilai risiko bencana dengan pendekatan geospasial [Understanding and assessing disaster risks. Understanding disaster risks and assessing them in geospatial approach]*. Akaliris. Selong. ISBN: 978-623-96610-6-9
- 2) Ahmed, I & Purnomo, A. H. (2023) *Ready for the next earthquake? Housing reconstruction in Lombok, Indonesia*. JCommSci Vol. 7. No.1; 1-6
- 3) Purnomo, A. H. (2023) *Suitability analysis of tourist accommodation locations towards landslide hazard in Malaka Village, North Lombok Regency*. IJGSD Vol. 3 Issue 0; 63-77.

AWARDS

LPDP Scholarship	Doctoral study at the University of Leeds (United Kingdom)	2025- Present
Australia Awards in Indonesia (AAI)	Short course on Disaster Risk Management (Australia)	2022
LPDP Scholarship	Master study at the University of Newcastle (Australia)	2019-2020

PROFESSIONAL EXPERIENCE

- **Disaster Analyst** (February 2015 – Present)
Subnational Disaster Management Agency (BPBD) of North Lombok Regency.
North Lombok, Indonesia
- **Exploration Geologist (in Coal Exploration)** (November 2011 – June 2012)
RSC Mining and Mineral Exploration, Ltd. (Client: Solid Energy New Zealand, Ltd.)
Greymouth, New Zealand
- **Exploration Geologist (in Gold Exploration)** (March – November 2011)
RSC Mining and Mineral Exploration

- Bolaang Mongondow Timur, North Sulawesi, Indonesia*

 - **Supervisor Geologist (in Coal Exploration)** (February 2010 – March 2011)
PT. Berau Coal
Berau, East Kalimantan, Indonesia
 - **Field Assistant Geologist (in Exploration Projects)** (March– October 2008)
Hired by Exploration Consultants for Short Exploration Projects
Sulawesi, Indonesia

INTERNSHIP

- Wellsite Geologist (in Coal Exploration)** (July – October 2007)
PT. Berau Coal
Berau, East Kalimantan, Indonesia

PROJECTS, SEMINARS & COURSES

2024 (9 th October 2024)	<p>Talk Show on the National Ceremony of Month of Disaster-Risk-Reduction (DRR) 2024</p> <ul style="list-style-type: none"> ▪ <i>Topic: Anticipatory Actions on Disaster Management</i> ▪ <i>SIAP SIAGA Program (Australia-Indonesia Partnership on Disaster Preparedness)</i> 	Resource Person	Banda Aceh, Aceh
2023 (13 th December)	<p>Talk Show on the Visit of Lee Kuan Yew School of Public Policy (LKYSPP) - National University of Singapore (NUS)</p> <ul style="list-style-type: none"> ▪ <i>Topic: “Navigating Cultural Dynamics and Cultivating Soft Skills: Identifying Disaster Preparedness Mitigation Across the Three Gilis in North Lombok & Lombok to Empower Local Community and Boost Tourism”</i> ▪ <i>Held by Technological University of Sumbawa</i> 	Resource Person	Senggigi, NTB
2023 (25 th October)	<p>The 3rd International Conference on Communication Science</p> <ul style="list-style-type: none"> ▪ <i>Paper: “A review of disaster-risk communication strategy through implementation of disaster risk assessment (DRA) in Indonesia”</i> ▪ <i>University of Mataram</i> 	Paper Author & Presenter	Mataram, NTB
2023 (12 th October)	<p>Talk Show on the National Ceremony of Month of Disaster-Risk-Reduction (DRR) 2023</p> <ul style="list-style-type: none"> ▪ <i>Topic: “Challenges on Implementation of Minimum Service Standard on Disaster Sub-Affairs and Kencana (Disaster Resilient Subdistrict)”</i> ▪ <i>SIAP SIAGA Program (Australia-Indonesia Partnership on Disaster Preparedness)</i> 	Resource Person	Kendari, South East Sulawesi
2023 (6 th – 7 th September)	<p>The 3rd Disaster Management Inter-Regional Workshop (SADAR-PB)</p> <ul style="list-style-type: none"> ▪ <i>Topic: “Opportunity and Challenge of Implementation of Minimum Service Standard on Disaster Sub-Affair”</i> ▪ <i>SIAP SIAGA Program (Australia-Indonesia Partnership on Disaster Preparedness)</i> 	Resource Person	Jakarta
2023 (20 th – 23 rd July)	<p>The 4th Geotourism Festival and International Conference</p> <ul style="list-style-type: none"> ▪ <i>Paper: “Suitability analysis of tourist accommodation locations towards landslide hazard in Malaka Village, North Lombok Regency”</i> ▪ <i>UNESCO Global Geopark & Rinjani Geopark Lombok</i> 	Paper Author & Presenter	Lombok, NTB
2023 (13 th July)	<p>The 13th International Symposium on Digital Earth (ISDE) 2023</p> <ul style="list-style-type: none"> ▪ <i>Paper: “Supporting place-based disaster risk assessment- An Indonesian language book-based initiative in Indonesia”</i> ▪ <i>Harokopio University</i> 	Paper Author	Athens, Greece
2022 (19 th -22 nd September)	<p>The Asia-Pacific Ministerial Conference on Disaster Risk Reduction 2022</p> <ul style="list-style-type: none"> ▪ <i>Held by United Nations Office for Disaster Risk Reduction (UNDRR) and Australian Government</i> 	Indonesian Delegate	Brisbane, Australia
2022 (5 th -23 rd September)	<p>Australia Awards Short Course</p> <ul style="list-style-type: none"> ▪ <i>“Mainstreaming Disaster Risk Management into Annual National and Sub-National Planning and Budgeting”</i> ▪ <i>Held by Griffith University & Australia Awards</i> 	Awardee	Brisbane & Canberra, Australia
2022 (16 th June)	<p>The 2nd Disaster Management Inter-Regional Workshop (SADAR-PB)</p> <ul style="list-style-type: none"> ▪ <i>Topic: “Disaster Risk Assessment (DRA): The Opportunity of Participatory Process of DRA and Its Utilization on Development Planning”</i> ▪ <i>SIAP SIAGA Program (Australia-Indonesia Partnership on Disaster Preparedness)</i> 	Resource Person	Online

2021 (June-December)	Arrangement of Disaster Risk Assessment Document of North Lombok Regency 2021-2025 ▪ SIAP SIAGA Program (Australia-Indonesia Partnership on Disaster Preparedness)	Facilitator, G.I.S Operator, Data Processing Analyst	North Lombok, NTB
2021 (9 th – 10 th October)	Capacity Enhancement of TSBD (Village Disaster Preparedness Team) in Using Open-Source G.I.S. Application ▪ Held by KONSEPSI NTB (Support from Caritas Germany)	Trainer	North Lombok, NTB
2020 (15-18 th December)	The 49th IAGI Annual Convention & Exhibition ▪ Paper: “The Benefits and Challenges in Implementation of Geo-Hazard Based Spatial Data for Disaster Risk Reduction (DRR) in North Lombok Regency” ▪ Held by Indonesian Geologist Association (IAGI)	Paper Author & Presenter	Lombok, NTB

TECHNICAL SKILLS

- Analytical skills : Disaster risk assessment/ analysis
- Computer aided engineering : ArcGIS, Q-GIS

ORGANISATIONS AND VOLUNTEERING

- **BARASIAGA** (2021- Present)
(Disaster-Preparedness Volunteering Organisation)
Founder and Governing Board
- **Melben English Club** (2013 - 2014)
(An English course organisation to help youth in Menggala Village to master English)
Founder and Volunteer Teacher
- **Boarding School of Hidayaturrehman NW Menggala** (2014)
Volunteer Teacher
- **Satuan Komando Lapangan- Himpunan Mahasiswa Geologi** (2006-2007)
(Field Command Squad of Geology Student Association)
Vice Chairman
- **Geological English Association (GEA)** (2005-2006)
(A non-profit English club to help students at Department of Geology of Hasanuddin University to master English)
Chairman

REFERENCES

- **Associate Professor Ifte Ahmed**
School of Environment and Built Environment, The University of Newcastle, Australia
Mobile: (+61)449-625-991
E-mail: Ifte.Ahmed@newcastle.edu.au
- **Anggraeni Puspitasari**
SIAP SIAGA Program (Australia-Indonesia Partnership on Disaster Preparedness)
Area Manager of NTB Province
Mobile: (+62)812-8569-9753
E-mail: anggraeni.puspitasari@thepalladiumgroup.com