



Teuku Faisal Fathani

**Description**



**Name: Prof. Ir. Teuku Faisal Fathani, S.T., M.T., Ph.D., IPU., ASEAN Eng.**

**EDUCATION:**

Degree	Discipline	Institution	Year
Ir.	Professional Engineering – Civil Engineering	PSPPI Universitas Gadjah Mada, Indonesia	2018
Ph.D.	Geotechnical Engineering	Tokyo University of Agriculture and Technology, Japan	2002
M.Eng.	Geotechnical Engineering	Universitas Gadjah Mada, Indonesia	1998
S.T.	Civil Engineering	Universitas Gadjah Mada, Indonesia	1993



**POST DOCTORATES/TRAINING:**

**Trainings/ Post Doctorates**

**Strengthened Indonesian Resilience: Reducing Risk from Disasters**

GNS Science, Ministry of Foreign Affairs and Trade (MFAT), New Zealand

**Visiting Professor**

Public Policy Center, The University of Iowa, United States of America

**Post-doctoral: Geo-disaster Mitigation and Environmental Geotechnics**

Japan Society for Promotion of Science (JSPS) and Ehime University, Japan

**International Experts Workshop on the Characterization, Communication and Mitigation of Risks Arising from Multiple Hazards**

NERC-ESRC-DEFRA and University of East Anglia, Norwich, United Kingdom

**Volcanology and Sabo Engineering**

Japan International Cooperation Agency (JICA), Tokyo, Japan

**NON-ACADEMIC EXPERIENCE:**



## No Experience

- Director of Research, Technology, and Community Services, Directorate General of Higher Education, Research, and Technology
1. Ministry of Education, Culture, Research, and Technology  
<https://www.kemdikbud.go.id/main/tentang-kemdikbud/daftar-pejabat/dikti>
  2. Head of Civil and Environmental Engineering Department, Faculty of Engineering UGM  
<https://tsipil.ugm.ac.id/en/>
  3. Director of Center for Disaster Mitigation and Technological Innovation UGM (GAMA-InaTEK)  
<https://gama-inatek.ugm.ac.id/>
  4. Adjunct Professor of UNESCO Chair on Geoenvironmental Disaster Reduction
  5. Vice President of the International Consortium on Geo-Disaster Reduction (ICGdR)  
<http://icgdr.com/>
  6. Vice President of the International Consortium on Landslides (ICL)  
<https://icl.iplhq.org/>
  7. Director of World Center of Excellence on Landslide Disaster Reduction – International Programme on Landslide (WCoE IP  
UNESCO)  
<https://iplhq.org/category/iplhq/world-centre-of-excellence-wcoe/>
  8. Co-Director of Strengthened Indonesian Resilience: Reducing Risk from Disasters (StIRRRD)  
<https://stirrrd.wg.ugm.ac.id/>
  9. Head of Master Program on Disaster Management (MMB), Graduate School of Universitas Gadjah Mada  
<https://mmb.pasca.ugm.ac.id/>
  10. Technical Advisory Committee – Indonesia Disaster Resilience Initiatives Project (IDRIP), BNPB-BMKG
  11. Member of Bridges and Road Tunnels Safety Commission (Komisi Keamanan Jembatan dan Terowongan Jalan), Ministry of Transportation
  12. President of the Alumni Association of SMA Taruna Nusantara (IKASTARA)
  13. Project Leader of SNI 8235:2017; SNI 8840-1:2019; ISO 22327:2018; ISO 22328-1:2020 on Multi-Hazard Early Warning System

## CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS:

No.	Certifications or Professional Registration	Institution	Year
1.	<i>Insinyur Profesional Utama (IPU)</i>	The Institution of Engineers Indonesia / <i>Persatuan Insinyur Indonesia (PII)</i>	2018
2.	<i>ASEAN Engineering (ASEAN Eng)</i>	The Asean Engineering Register (AER)	2018
3.	<i>Ahli Geoteknik Madya</i>	Construction Services Development Board / <i>Lembaga Pengembangan Jasa Konstruksi (LPJK)</i>	2018

**MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:**

No.	Membership
1.	International Consortium on Geo-Disaster Reduction (ICGdR)
2.	International Consortium on Landslides (ICL)
3.	Multi-modal Sediment Disaster Network (MSD-Network)
4.	Indonesian Geotechnical Engineering Experts Association / Himpunan Ahli Teknik Tanah Indonesia (HATTI)
5.	The Institution of Engineers Indonesia / Persatuan Insinyur Indonesia (PII)
6.	Japan Landslide Society (JLS)
7.	Japan Sabo Society (JSS)

**HONORS AND AWARDS:**

No.	Honors and Awards	Year
1.	Productive Intellectual Property Right from the Ministry of Research and Technology / BRIN	2020
2.	20th Satyalancana Karya Satya from President of the Republic of Indonesia	2019
3.	Pancasila Appreciation Icons 2019 from The Agency for the Implementation of the State Ideology of Pancasila (BPIP)	2019
4.	Adjunct Professor from UNESCO Chair on Geoenvironmental Disaster Reduction. Paris – France	2018
5.	ICGdR Honorary Fellow from International Consortium on Geo-disaster Reduction. Shimane – Japan	2017
6.	National Academic Leader (Adibrata) 2017 from Ministry of Research, Technology and Higher Education	2017
7.	National Intellectual Property 2016 from Ministry of Justice and Human Rights of the Republic of Indonesia	2016
8.	20th Technology Awakening Award 2015 from Ministry of Research, Technology and Higher Education	2015
9.	Technological Innovator 2015 from Ministry of Research, Technology and Higher Education	2015
10.	1st Best Lecturer 2013 from Ministry of Education and Culture	2013
11.	1st Best Lecturer 2012 from Rector of Universitas Gadjah Mada	2012
12.	Excellent Research Award on Mitigation of Geo-disasters in Asia from Mitigation of Geo-disasters in Asia (MGDA). Kyoto – Japan	2012
13.	IPL Award for Success from IPL Global Promotion Committee – UNESCO. Rome – Italy	2011

**INTELLECTUAL PROPERTY/ PATENT (GRANTED)**

No.	Title of Patent	Patent Number
1.	Simple-manual reading extensometer for landslide EWS	IDP000038351
2.	Paper-recorded-automatic extensometer for landslide EWS	IDP000038434
3.	Upperground extensometer with data logger	IDP000038787



4. Tiltmeter to measure the deformation of landslide body IDP000038968
5. Underground extensometer IDP000039806

\*Licensed by GAMA Inatek Grafika. The technology has been implemented at 33 provinces, 120 districts in Indonesia and several countries

### COMMUNITY SERVICE ACTIVITIES:

No.	Position	Service Activities	Year
1.	Team Leader	Community Based Multi Hazard Early Warning System (Landslide-Flood, Flash Flood, Tsunami), supported by BNPB, BPBD, and ICL	2007 – present
2.	Team Leader	Strengthening Indonesian Resilience: Reducing Risk from Disasters (StIRRRD) in 4 provinces, 10 districts/cities, in collaboration with GNS Science New Zealand	2010 – present
3.	Project Leader	Geohazard Mapping and Countermeasures Design in Geothermal Fields at 10 provinces in Indonesia	2014 – present
4.	Project Leader	Support/Assistance for Local Governments in Developing Contingency Plan dan Action Plan against Geodisasters	2017 – present
5.	Expert Team	Community Service at the Soil Mechanics Laboratory, Dept of Civil and Environmental Engineering, Faculty of Engineering, UGM	2019
6.	Team Leader	Study on the Institution and Community Development in Mt. Merapi Area	2006 – 2010
7.	Expert Team	Welfare Improvement of Village Community through National Movement of Water Rescue Partnership, Improvement of Drinking Water Quality, and Revitalization of Disaster Mitigation Program	2014
8.	Expert Team	Optimization of Water Resources to Improve the Welfare, Health, and Education of Village Community	2013
9.	Expert Team	Clean Water and Sanitation Provision and Community Based Disaster Mitigation	2012
10.	Team Leader	Community-based evacuation drills program in Mt. Merapi Area	2007-2010

### SELECTED PUBLICATIONS:

#### International Journals:

1. **Geotechnical Centrifuge Test of Reinforced Road Embankment against Earthquake-Induced Liquefaction.** International Journal of Geomate. 2021. Vol. 21/Issue 85/PP. 115-122. 2021  
Authors: A Pramaditya, **TF Fathani**.
2. **The Mechanism of Landslide-Induced Debris Flow in Geothermal Area, Bukit Barisan Mountains of Sumatra, Indonesia.** Journal of Applied Engineering Science. 2021. Vol 19/No 33/PP. 688-697. 2021  
Authors: W Wilopo, **TF Fathani**.



3. **Liquefaction in Palu: The Cause of Massive Mudflows.**  
Journal of Geoenvironmental Disasters. 2021. Vol. 8/ Article 21/PP. 1-14. 2021  
Authors: A Jalil, **TF Fathani**, I Satyarno, W Wilopo.
4. **Analytical and Experimental Study of Pile Capacity in Unsaturated Sandy Clay.**  
International Review of Civil Engineering (I.RE.C.E.). 2021. Vol. 12/No. 1/ PP. 1-10. 2021  
Authors: H Pujiastuti, A Rifa'i, AD Adi, **TF Fathani**.
5. **Effect of Well Resistance on Time Factor Ratio Due to PVD Deformation**  
Journal of Civil Engineering Forum. 2021. Vol. 7/No. 3/PP. 299-308. 2021  
Authors: G Chrismaningwang, HC Hardiyatmo, AD Adi, **TF Fathani**.
6. **A Simple Shaking Table Test to Measure Liquefaction Potential of Prambanan Area, Yogyakarta, Indonesia.**  
ASEAN Engineering Journal. 2021. Vol. 11/No.3/PP. 89-108. 2021  
Authors: LZ Mase, **TF Fathani**, AD Adi.
7. **Integrated approach in studying rock and soil slope stability in a tropical and active tectonic country.**  
Environmental Earth Sciences. 2021. Vol. 80/Issue 2/Article 58. 2021  
Authors: I Rusydy, TF Fathani, N Al Huda, Sugiarto, K Iqbal, K Jamaluddin, E Meilianda.
8. **Physical Modelling of Earthquake-induced Liquefaction on Uniform Soil Deposit and Earth Structures Settlement.**  
Journal of the Civil Engineering Forum. 2021. Vol. 7/No. 1/PP. 85-96. 2021  
Authors: A Pramaditya, TF Fathani.
9. **The Effect of Incremental Confining Pressure on The Hydraulic Properties Of PVD.**  
International Journal of Geomate. 2020. Vol. 19/No. 73/PP. 41-48. 2020  
Authors: G Chrismaningwang, HC Hardiyatmo, AD Adi, TF Fathani.
10. **Laboratory Measurements of Discharge Capacity Under Incremental Confining Pressure of Geosynthetic Drains.**  
International Review of Civil Engineering (IRECE). 2020. Vol.11/No.5/PP. 222-228. 2020  
Authors: G Chrismaningwang, HC Hardiyatmo, AD Adi, TF Fathani.
11. **Spatial Analysis of Safety Factors due to Rain Infiltration in the Buyan-Beratan Ancient Mountains.**  
International Review of Civil Engineering (I.RE.C.E.). 2020. Vol.11/No.2/PP. 90-97. 2020  
Authors: IN Sinarta, A Rifa'i, TF Fathani, W Wilopo.
12. **A Study on The Liquefaction Potential in Banda Aceh City After The 2004 Sumatera Earthquake.**  
International Journal of Geomate. 2020. Vol. 18/ No. 65/PP. 147-155. 2020  
Authors: A Jalil, TF Fathani, I Satyarno, W Wilopo.
13. **Investigation and Numerical Simulation of the 22 February 2018 Landslide-triggered Long-traveling Debris Flow at Pasir Panjang Village, Brebes Regency of Central Java, Indonesia.**  
Journal of Landslide, Springer. 2019. Vol. 16/ Issue 11/ PP. 2219-2232. 2019  
Authors: Hendy S, W Wilopo, T Wiyoso, TF Fathani, D Karnawati.
14. **Landslide Risk Assessment for Designing Monitoring and Early Warning System. Journal of Applied Geology.** 2019. Vol. 4/ No. 1/ PP. 1-8. Authors: TA Bui, TF Fathani, W Wilopo. 2019
15. **A Numerical Analysis of Landslide Movements Considering the Erosion and Deposition along the Flow Path.**  
Journal of the Civil Engineering Forum. 2019. Research Article/ Vol. 5/ No. 2/ PP. 1-11. 2019  
Authors: Aminudin Syah, TF Fathani, F Faris.
16. **Estimating the Velocity of Landslide Movement Using Visco-Plastic Model in Jeruk Sub-village, Kulon Progo District, Yogyakarta, Indonesia.**  
Journal of the Civil Engineering Forum. 2018. Vol. 4/ No. 3/ PP. 275-282. 2018  
Authors: MT Naing, TF Fathani, W Wilopo.



- Rainfall Thresholds for Landslide Prediction in Loano Subdistrict, Purworejo District Central Java Province.** 2018  
17. Journal of Applied Geology. 2018. Vol. 3/ No. 1/ PP. 23-31.  
Authors: FD Ferardi, W Wilopo, TF Fathani.
- The Effect of Matric Suction on the Shear Strenght of Unsaturated Sandy Clay.** 2018  
18. International Journal of Geomate. 2018. Vol. 14/ Issue 42/ PP. 112-119.  
Authors: HP Astusti, A Rifa'i, AD Adi, TF Fathani.
- Slope Stability Assessment Using Trigger Parameters and SINMAP Methods on Tamblingan-Buyan Ancient Mountain Area in Buleleng Regency, Bali.** 2018  
19. International Journal of Geosciences. 2018. Vol. 7/ Issue 4/ PP. 1-16.  
Authors: IN Sinarta, A Rifa'i, TF Fathani, W Wilopo.
- A Numerical Model for the Analysis of Rapid Landslide Motion.** 2017  
20. International Journal of Geotechnical and Geological Engineering. 2017. Vol. 35/ Issue 5/ PP. 2253–2268.  
Authors: TF Fathani, D Legono, D Karnawati.
- Sensitivity Analysis of Depth-Integrated Numerical Models for Estimating Landslide Movement.** 2017  
21. International Journal of Disaster Research. 2017. Vol. 12/ Issue 3/ PP. 607-616.  
Authors: TF Fathani, D Legono, MA Alfath.
- Seismic Microzonation Studies Considering Local Site Effects for Yogyakarta City, Indonesia.** 2017  
22. International Journal of Geomate. 2017. Vol. 12/ Issue 32/ PP. 152-160.  
Authors: TF Fathani, W Wilopo.
- Geotechnical Properties and Geologi Age on Characteristics of Landslides Hazards of Volcanic Soils in Bali, Indonesia.** 2016  
23. International Journal of Geomate. 2016. Vol. 11/ Issue 26/ PP. 2595-2599.  
Authors: IN Sinarta, A Rifa'i, TF Fathani, W Wilopo.
- An Integrated Methodology to Develop A Standard for Landslide Early Warning Systems.** 2016  
24. International Journal of Natural Hazards and Earth System Sciences. 2016. Vol. 16/ Issue 9/ PP. 2123–2135.  
Authors: TF Fathani, D Karnawati, W Wilopo.
- Analysing Sediment Transport Mechanism and Related Hydraulic Structure Damage After Mt. Merapi Eruption in Gendol River.** 2013  
25. International Journal of Basic and Applied Scientific Research. 2013. Vol. 03/ No. 1/ PP. 849-857.  
Authors: W Wardoyo, D Legono, R Jayadi, TF Fathani.
- Development of Socio-Technical Approach for Landslide Mitigation and Risk Reduction Program in Indonesia.** 2013  
26. International Journal of Asean Engineering Journal Part C. 2013. Vol. 02/ No. 1/ PP. 22-49.  
Authors: D Karnawati, S Maarif, TF Fathani, W Wilopo.
- Ground Motion in Yogyakarta City, Yogyakarta Special Province, Indonesia on Densely Microtremor Observations and Shear Wave Velocity.** 2013  
27. International Journal of Southeast Asian Applied Geology. 2013. Vol. 05/ No. 1/ PP. 10-20.  
Authors: ZL Kyaw, S Pramumijoyo, S Husein, TF Fathani, J Kiyono.
- Landslide Hazard and Community-based Risk Reduction Effort in Karanganyar and The Surrounding Area, Central Java, Indonesia.** 2011  
28. Journal of Mountain Science. 2011. Vol. 8/ No. 2/ PP. 149-153.  
Authors: D Karnawati, TF Fathani, I Sudarno, B Andayani, D Legono, PW Burton.
- Prototyping an Experimental Early Warning System for Rainfall-Induced Landslides in Indonesia Using Satellite Remote Sensing and Geospatial Datasets.** 2010  
29. Journal of the International Consortium on Landslides. 2010. Vol. 7/ Issue 3/ PP. 317-324.  
Authors: Z Liao, Y Hong, Jun Wang, H Fukuoka, K Sassa, D Karnawati, TF Fathani.

**Book Chapter:**



## NBook Chapter

**Landslide Susceptibility Assessment in Trenggalek, East Java, Indonesia: A Geological Overview.** Advances in Sustainable Construction and Resource Management, Vol 144, 2021, PP. 873-883, Springer, Singapore, ISSN: 23662557, e-ISSN: 23662557. Authors: E Erzagian, **TF Fathani**, D Ratri, W Wilopo.

**Identification of Sliding Surface and Crack Pattern in the Soil Creep, Case Study: Unika Soegijapranata Campus, Semarang, Java.** Understanding and Reducing Landslide Disaster Risk, ICL Contribution to Landslide Disaster Risk Reduction, Vol. 4, 2018, Springer, Cham, ISBN: 978-3-030-60705-0, ISBN (eBook): 978-3-030-60706-7. Authors: W Wilopo, H Setiawan, DPE Putra,

**Report on the UNESCO Chair Workshop on Geoenvironmental Disaster Reduction 28th April – 1st May, 2019, Palu – 3 Indonesia.** Geoenvironmental Disasters Springer, Vol. 6, No. 12, 2019, PP. 1-6. Authors: F Faris, **TF Fathani**, F Wang.

**A Socio-technical Approach for Landslide Mitigation and Risk Reduction.** Landslide Dynamics: ISDR-ICL Landslide Interactive Teaching Tool, Vol. 2, 2018, PP. 621-630, Springer, Cham, ISBN (print): 978-3-319-57776-0, ISBN (online): 978-3-319-57777-7. Authors: **TF Fathani**, W Wilopo, S Maarif.

**Community Hazard Maps for Landslide Risk Reduction.** Landslide Dynamics: ISDR-ICL Landslide Interactive Teaching Tool, Vol. 2, 2018, PP. 599-606, Springer, Cham, ISBN (print): 978-3-319-57776-0, ISBN (online): 978-3-319-57777-7. Authors: D Karnawati, **TF Fathani**, W Wilopo, B Andayani.

**A Monitoring and Early Warning System for Debris Flows in Rivers on Volcanoes.** Landslide Dynamics: ISDR-ICL Landslide Interactive Teaching Tool, Vol. 1, 2018, PP. 479-490, Springer, Cham, ISBN (print): 978-3-319-57773-9, ISBN (online): 978-3-319-57774-6. Authors: **TF Fathani**, D Legono.

**A Landslide Monitoring and Early Warning System.** Landslide Dynamics: ISDR-ICL Landslide Interactive Teaching Tool, Vol. 1, 2018, PP. 297-308, Springer, Cham, ISBN (print): 978-3-319-57773-9, ISBN (online): 978-3-319-57774-6. Authors: **TF Fathani**, D Karnawati, W Wilopo.

**Promoting A Global Standard for Community-based Landslide Early Warning Systems.** Advancing Culture of Living with Landslides, Vol.1, May 2017, PP. 355-361, Springer, Cham, ISBN (print): 978-3-319-53500-5, ISBN (online): 978-3-319-59469-9. Authors: **TF Fathani**, D Karnawati, W Wilopo.

**Penguatan Ketangguhan Indonesia Melalui Pengurangan Risiko Bencana (StIRRRD).** Pengurangan Risiko Bencana di Indonesia, Kemendesa PDTT, Jakarta: 79-88. Authors: **TF Fathani**, W Wilopo, M Daly, P Glassey.

**Progress of The World Report on Landslides.** Advancing Culture of Living with Landslides, Vol.1, May 2017, PP. 219-226, Springer, Cham, ISBN (print): 978-3-319-53500-5, ISBN (online): 978-3-319-59469-9. Authors: B Abolmasov, **TF Fathani**, K Liu, K Sassa.

**An Adaptive and Sustained Landslide Monitoring and Early Warning System.** Landslide Science for a Safer Geoenvironment: Methods of Landslide Studies, 2014, PP. 563-567, Springer, Cham, ISBN: 978-3-319-05049-2, ISBN (eBook): 978-3-319-05050-8. Authors: **TF Fathani**, D Karnawati, W Wilopo.

**Student Community Service Program for Landslide Disaster Risk Reduction in Indonesia.** Landslide Science and Practice: Understanding and Economic Impact and Policies, 2013, PP. 317-323, Springer, Heidelberg, ISBN: 978-3-642-31312-7, ISBN (ebook): 978-3-642-31313-4. Authors: D Karnawati, W Wilopo, A Setianto, Suharman, **TF Fathani**.





- A Coupled Hydrology/Slope Kinematics Model for Developing Early Warning Criteria in The Kalitlaga Landslide, Ban Indonesia.** Progress of Geo-Disaster Mitigation Technology in Asia, Environmental Science and Engineering, 2013, Part II S PP. 453-467, Springer, Heidelberg, ISSN: 1431-6250, ISBN: 978-3-642-29106-7, ISBN (eBook): 978-3-642-29107-4. Authors **TF Fathani**, B Andayani.
- The Hybrid Socio-Technical System for Strategic Landslide Disaster Risk Reduction in Indonesia.** Landslides: Global Preparedness, 2013, No. 23, PP. 325-333, Springer, Heidelberg, ISBN: 978-3-642-22086-9, ISBN (ebook): 978-3-642-22087-4. Authors **TF Fathani**, B Andayani.





**Early Warning of Landslide for Disaster Risk Reduction in Central Java Indonesia.** Early Warning of Landslides, 2010, Geological Publishing House, Beijing, China, ISBN: 978-7-116-06939-8. Authors: D Karnawati, **TF Fathani**.



**PROFESSIONAL DEVELOPMENT:**

No.	Experience	Year
1.	Keynote Speaker in the International Conference on Disaster Risk Management (ICONDRM): "Lesson from Global Nations" – UNILA, 3 December 2021	2021
2.	Keynote Speaker in the National Discussion of Geoscience (OASE) – UGM, 14 November 2021	2021
3.	Keynote Speaker in the International Conference on Disaster Mitigation and Management (ICDMM): "Best Practice in Preventing and Managing Disaster in Pandemic" – UNAND, 30 Sept – 1 Oct 2021	2021
4.	Instructor in HATTI Teaches (HATTI MENGAJAR) VIII, Jakarta, 23 September 2021	2021
5.	Invited Speaker in the NSF-AGU Workshop: "Bringing Land, Ocean, Atmosphere and Ionosphere Data to the Community for Hazard Alerts", USA, 24-28 May 2021	2021
6.	Keynote Speaker in the Focus Group Discussion on Landslide-BNPB. Jakarta – Indonesia, 3 February 2021	2021
7.	Keynote Speaker in the Water Seminar 6 -Universitas Jenderal Soedirman. Purbalingga, 25 November 2020.	2020
8.	Keynote Speaker in the 18th International Symposium on Geo-Disaster Reduction/4th Gu Dezhnev Lecture, ICGdR. Beijing, China, 21-22 November 2020	2020
9.	Keynote Speaker in the 24th Annual National Conference on Geotechnical Engineering – HATTI "Infrastructure Challenge During Global Pandemic". Jakarta-Indonesia, 10-12 November 2020.	2020
10.	Keynote Speaker in the Webinar on "the Disaster Mitigation in Indonesia from the Perspective of Academic and Policy" -Universitas Bangka-Belitung. Bangka-Indonesia, 20 October 2020.	2020
11.	Keynote Speaker in the Webinar Series Membership in Primary Care on "Disaster Preparedness in Primary Care"-Faculty of Medicine, Universitas Gadjah Mada. Yogyakarta – Indonesia, 12 August 2020.	2020
12.	Keynote Speaker in the 23rd Seminar Series on Disaster-Universitas Syiah Kuala. Aceh – Indonesia, 21 July 2020.	2020
13.	Keynote Speaker in the Webinar on "Disaster Mitigation for Liquefaction" – Ministry of Public Works and Housing. Jakarta – Indonesia, 22 July 2020.	2020
14.	Keynote Speaker in the 11th HATTI National Council Meeting and 23rd Annual National Conference on Geotechnical Engineering. Jakarta – Indonesia, 12 – 13 November 2019.	2019
15.	Keynote Speaker in the International Conference of Sustainable Infrastructure 2019 (ICSI 2019). Yogyakarta – Indonesia, 28 October 2019.	2019
16.	Invited Speaker in the 9th International Workshop on Multimodal Sediment Disasters. Tsu, Mie – Japan, 17 – 19 October 2019.	2019
17.	Keynote Speaker in the International Conference on Landslides and Slope Stability (SLOPE) 2019. Bali – Indonesia, 25 September 2019.	2019
18.	Keynote Speaker in the 7th Meeting of ISO/TC 292 Security and Resilience. Bangkok – Thailand, 8 – 13 September 2019.	2019



19. Keynote Speaker in Seminar of Disaster Risk Reduction – Universitas Gadjah Mada and GNS Science, supported by Ministry of Foreign Affairs and Trade (MFAT) New Zealand, NZAid Programme, Yogyakarta – Indonesia, 23-25 July 2019. 2019
20. Keynote Speaker in the International Conference on Urban Disaster Resilience (ICUDR 2019) – Tadulako University-JICA-NZ Aid-UGM-StIRRRD-GNS Science. Palu – Indonesia, 23 April 2019 – 1 May 2019. 2019
21. Keynote Speaker in Pacific Conference on Earthquake Engineering (PCEE 2019) – New Zealand Society for Earthquake Engineering (NZSEE). Auckland – New Zealand, 1 – 8 April 2019. 2019
22. Visiting Professor of the UNESCO Chair 2019 Field School on Geoenvironmental Disaster Reduction in Shimane University. Matsue – Japan, 12 – 19 March 2019. 2019
23. Invited Speaker in Training of Instructors on Ecosystem-based Disaster Risk Reduction and Climate Change Adaptation in Asia Pacific – United Nations Environment Programme (UNEP). Yogyakarta – Indonesia, 20 – 22 March 2019. 2019
24. Invited Speaker in the International Collaboration and An International Coauthorship by Strengthening the Research Function – Tokyo University of Agriculture and Technology. Tokyo – Japan, 25 February 2019 – 4 Maret 2019. 2019
25. Panelist in the 8th International Workshop on Multimodal Sediment Disaster (IWMSD2019), Integrated Water and Sediment Management in Reservoirs – MSD Network-JICA-GAMA-InaTEK. Surakarta – Indonesia, 22 – 23 January 2019. 2019
26. Invited Speaker in the ICL-IPL Conference – International Programme on Landslides. Kyoto – Jepang, 1 – 5 December 2018. 2018
27. Project Leader in Working Group 3 on the 6th Plenary Meeting of ISO/TC 292 Security and Resilience. Stavanger – Norwegia, 7 – 12 October 2018. 2018
28. Invited Speaker in the 41st ISO General Assembly, Standards for the Sustainable Development Goals (SDGs) – United Nations Economic Commission for Europe (UNECE). Geneva – Switzerland, 24 – 28 September 2018. 2018
29. Invited Speaker in the 16th International Consortium on Geo-Disaster Reduction (ICGdR). Paris – France, 25 August 2019 – 1 September 2018. 2018
30. Resources Person in on the International Workshop on Strengthened Indonesian Resilience: Reducing Risk from Disasters (StIRRRD). Wellington – New Zealand, 17 – 22 March 2018. 2018
31. Project Leader in the 5th Plenary Meeting of ISO/TC 292 Security and Resilience. Sydney – Australia, 11 – 16 March 2018. 2018
32. Invited Speaker in the ICL-IPL UNESCO Conference – International Programme on Landslides. Paris – France, 29 November 2017 – 1 December 2017. 2017
33. Invited Speaker in the 25th IHP Regional Steering Committee Meeting for Southeast Asia and the Pacific in conjunction with UNESCO-JASTIP Joint Symposium on Intra-Regional Water Security and Disaster Management. Manila – Philippines, 13 – 16 November 2017. 2017
34. Invited Speaker in the 7th International Workshop on Multimodal Sediment Disasters, organized by the Nepal Hydropower Association (NHA), Hydro Lab Pvt. Ltd, Nepal and Disaster Prevention Research Institute (DPRI). Kathmandu – Nepal, 29 October 2017 – 2 November 2017. 2017



35. Invited Speaker in the 4th Landslide Forum 2017 – World Landslide Forum (WLF), International Programme on Landslides (IPL). Ljubljana – Slovenia, 29 May 2017 – 2 June 2017. 2017
36. Invited Lecturer in the International Summer School Natural Disasters 2017 – University of Ljubljana, University of Brescia, and University of Natural Resources and Life Sciences Vienna  
Project Leader in the ISO TC 292enary and WG5 Meeting, Korean Agency for Technology and Standards (KATS) under the Ministry of Trade, Industry and Energy (MOTIE). Jeju – South Korea, 23 – 28 April 2017. 2017
37. 2017
38. Invited Speaker in the Council meeting of ICGdR and Sino-EU Workshop on Remote Sensing for Landslide Observation and Quantitative Analysis. Shanghai – China, 16 – 18 April 2017. 2017
39. Invited Speaker in the Steering Committee Meeting of International Consortium on Landslides (ICL), International Programme on Landslides (IPL) – Global Promoting Committee of UNISDR. Kyoto – Japan, 4-7 March 2017. 2017
40. Keynote Speaker in the International Workshop on Disaster Risk Reduction – organized by GNS Science, Universitas Gadjah Mada, supported by Ministry of Foreign Affairs and Trade (MFAT) New Zealand Aid Programme. Yogyakarta – Indonesia, 14 – 17 February 2017. 2017
41. Invited Speaker in Joint Workshops: International Debris Flow Workshop and 6th International Workshop of Multisectoral Sediment Disasters – MSD Network. Kyoto – Japan, 29 November 2016 – 2 December 2016. 2016
42. Invited Speaker in the ICL-IPL UNESCO Conference – International Programme on Landslides. Paris – France, 15 – 16 November 2016. 2016
43. Resources Person in the Strengthened Indonesian Resilience: Reducing Risk from Disasters (StIRRRD), organized by GNS Science, Universitas Gadjah Mada, supported by Ministry of Foreign Affairs and Trade (MFAT) New Zealand Aid Programme. New Zealand, 3 – 16 April 2016. 2016



