

IBRAHIM KOMOO

Prof. Emeritus Dato' Dr. Ibrahim Komoo FASc, FIGM, P.Geol.
Scholar | Advocate | Public Intellect

Principal Fellow
Institute for Environment and Development (LESTARI), UKM

Vice President, Global Geoparks Network Association (GGN)

Advisor, UNESCO Langkawi Global Geopark

Chairman, Malaysian Natural Heritage Council
National Heritage Council, Malaysia



Executive Summary

IBRAHIM KOMOO, PhD, FIGM, FASc, DSNS, P.Geol. is Principal Fellow of Institute for Environment and Development, Universiti Kebangsaan Malaysia. He graduated from Universiti Kebangsaan Malaysia (UKM) in 1976 and obtained his PhD from Strathclyde University, Glasgow in 1979. He has held various management positions in Universiti Kebangsaan Malaysia (UKM): Head, Department of Geology; Director, Institute for Environment and Development (LESTARI UKM), (1998-2000 and 2001-2005); Deputy Vice Chancellor (Research and Innovation), Universiti Kebangsaan Malaysia (2005 - 2008); Founder Director/ Chair of Southeast Asia Disaster Prevention Research Institute (SEADPRI-UKM) (2008-2012)(2015-2016); Special Advisor to Minister of Higher Education, Malaysia (2011-2013); Vice Chancellor of Universiti Malaysia Terengganu (UMT) (2012-2015); Chair of Langkawi Research Centre (PPL-UKM) (2017) and Professorial Chair, Iskandar Malaysia @UTM (2017-2019).

His fields of specialization include Engineering Geology (landslide; geohazards management); Environmental Geology (geoharitage conservation; geotourism; geopark); and Sustainability Science (environmental sustainability; regional sustainable development). As a scientist, he has published more than 55 books, more than 350 scientific papers. He has also published numerous articles for public awareness in magazines and newspapers. He has served as Vice President, International Association for Engineering Geology (IAEG) (1998-2003); Coordinator, Asia Pacific Geoparks Network (APGN) (2007-2017); Vice Chair, UNESCO Global Geoparks Council; President, Geological Society of Malaysia (1998-2000); Vice President, Institute of Geology Malaysia (2000-2001); Council Member, Academy of Sciences Malaysia (ASM) (2010-2012), Head of Natural Resources and Environment Cluster of the National Council of Professors (MPN) and Chairperson, National Geopark Implementation Committee (2017-2021). Currently, he is the Vice President, Global Geoparks Network Association (GGN); Expert/ Evaluator, UNESCO Global Geoparks; Vice Coordinator, Asia Pacific Geoparks Network (APGN); and Advisor of Langkawi UNESCO Global Geopark; Professorial Chair, Iskandar Malaysia @ Universiti Teknologi Malaysia; and Chairman, National Heritage Council, Malaysia.

He was appointed as Fellow, Institute of Geology, Malaysia (FIGM) (1995); Fellow, Academy of Sciences, Malaysia (FASc) (2002); and Professional Geologist (P.Geol.)(2017). He received Darjah Dato Setia Negeri Sembilan (DSNS) conferred by the Sultan of Negeri Sembilan (2007), Langkawi Award (2009), Emeritus Professor UKM (2012), Science Excellence Award 2012 (Environmental Geology) from International Union of Geological Sciences (IUGS) (2013), Malaysia Geoscientist Award (2013); Honorary Member of Geological Society of Malaysia (GSM) (2014) and Langkawi Tourism Personality Award (2015).

Personal Details

Name : **IBRAHIM KOMOO**
Date of Born : 12 September 1952
Place of Born : Jementah, Segamat, Johor, Malaysia
I/C Number : 520912-01-5483 (New) 4328770 (Old)
Nationality : Malaysian
Address : Institute for Environment and Development (LESTARI)
Universiti Kebangsaan Malaysia
43600 UKM BANGI
Selangor, Malaysia
Email : ikomoo@yahoo.com / ikomoo@ukm.edu.my
Telephone No. : +6019-3308745

Academic Qualifications

1976 – 1979 PhD (Engineering Geology), University of Strathclyde, Glasgow
1972 – 1976 BSc (Hons) Geology, Universiti Kebangsaan Malaysia

Expertise

- Engineering Geology (Engineering Properties of Rock Mass; Geohazard)
- Environmental Geoscience (Geoheritage Conservation, Geotourism and Geopark)
- Sustainability Science (Regional Sustainable Development, Environmental Sustainability and Higher Education Policy)

Academic Qualifications

Academic Management Leadership

2017 – 2017 Chair, Langkawi Research Centre (PPL-UKM), UKM
2016 – 2017 Chair, Centre for Southeast Asia Disaster Prevention Initiative (SEADPRI), UKM
2012 – 2015 Vice Chancellor, Universiti Malaysia Terengganu
2011 – 2013 Special Advisor to Minister of Higher Education, Malaysia
2008 – 2012 Director, Southeast Asia Disaster Prevention Research Institute (SEADPRI), UKM
2008 – 2012 Profesor Gred Khas A
2005 – 2008 Deputy Vice Chancellor (Research and Innovation Affairs), UKM
2002 – 2005 Director, Institute for Environment and Development (LESTARI), UKM
2000 – 2012 Principle Research Fellow, LESTARI UKM
1999 – 2000 Director, Institute for Environment and Development (LESTARI), UKM
1998 – 1999 Deputy Director, Institute for Environment and Development (LESTARI), UKM
1994 – 1998 Associate Director, Institute for Environment and Development (LESTARI), UKM

1993 – 2012	Profesor of Engineering Geology in UKM
1993 – 2008	Profesor Gred Khas C and Profesor Gred Khas B
1990 – 1993	Senior Manager, Department of Technology Exploration, PRSS, PETRONAS
1984 – 1993	Associate Professor in UKM
1987 – 1989	Head, Department of Geology, UKM
1984 – 1985	Head, Department of Geology, UKM

Intellectual Contribution

Expert/ Advisor

1. Course Director. Regional Course on UNESCO Global Geoparks 2019: Geotourism & Community Participation, 7 -11 October 2019, Malaysia.
2. UNESCO Global Geopark Expert. Evaluation Mission of Zhangye Aspiring UNESCO Global Geopark, 17 – 20 July 2019, China.
3. UNESCO Global Geopark Expert. Advisory Mission to Arxan UNESCO Global Geopark, 19 – 20 May 2019, China
4. National Geopark Committee. Evaluation Mission – Kinabalu National Geopark, 23-27 January 2019.
5. National Geopark Committee. Evaluation Mission – Mersing National Geopark, 22-24 Dec 2018.
6. Course Director. Regional Course on UNESCO Global Geoparks 2018: Partnership and Management of Island Geoparks, 21 – 27 October 2018, Malaysia.
7. UNESCO Global Geopark Expert. Revalidation Mission of Novohrad-Nograd UNESCO Global Geopark, 25 – 29 July 2018, Slovakia- Hungary.
8. APGN Coordinator/ UNESCO Global Geopark Expert. Advisory Mission – The Development of Pulau Belitong Aspiring Geopark, 23 – 27 February 2017, Indonesia,
9. Represented UNESCO Global Geoparks Network. 7th International Conference on UNESCO Global Geoparks, 2016, 23 September – 1 October 2016, Torquay, United Kingdom. Represented GGN dan APGN. Organized by English Riviera UNESCO Global Geopark.
10. UNESCO Global Geopark Expert. Revalidation Mission of Beigua UNESCO Global Geopark, Italy, 18-21 July 2016. (With Jose Maria Barrera Martin-Meras)
11. APGN *Coordinator*, APGN Observer. Revalidation of Geopark Rinjani, 17-21 May 2016.
12. APGN Coordinator/ UNESCO Global Geopark Expert. *Pre-workshop Field Trip and Discussion*, 30 March – 4 April 2016, Quang Ngai City, Vietnam. Organized by The Center for Maritime Cultural Heritage, Doan Anh Duong Investment Development JSC.
13. Facilitator, *Workshop on Geosite Characterisation*, 28-31 March 2016, Kampar, Perak. Organized by Jabatan Mineral dan Geosains Malaysia.

14. Represented Global Geoparks Network (GGN). Attended the UNESCO Geopark Working Group Meeting. Involved in preparation of Technical Paper for the establishment of International Geosciences and Geoparks Program (IGGP), Paris, January 2014 – February 2015.
15. Panel of 7th General Assembly Themed *Building Disaster Resilience* Organized Akademi Sains Malaysia (ASM), Kuala Lumpur, 25 April 2015.
16. UNESCO International Geopark Expert. Site evaluation for application of Zhijindong Cave to be a Global Geopark, China, 1-4 June 2015. (with Dr. Atsuko Niina, Japan)
17. UNESCO International Geopark Expert. Revalidation of Hong Kong Global Geopark to continue the membership of GGN for 2015-2018, Hong Kong, 11-15 June 2015 (with Dr. Alessandra Casini, Università degli Studi di Siena)
18. Observer APGN/ GGN. Revalidation of Langkawi Global Geopark to continue the membership of GGN for 2015-2018, Langkawi, 1-4 August 2015.
19. APGN Coordinator/ UNESCO International Geopark Expert. Facilitated the Indonesia Geopark Clinic III: Geodiversity – Geoheritage. Jogjakarta, Indonesia, 6-9 August 2015.
20. APGN Coordinator/ UNESCO International Geopark Expert. Advisory services and field assessment - Tedorigawa-Hakusan Geopark to be a member of Global Geopark, Hakusan, Japan, 21-22 September 2015.
21. APGN Coordinator/ UNESCO International Geopark Expert. Advisory services and field assessment - Kirishima Geopark to be a member of Global Geopark, Kirishima, Japan, 27-28 October 2015.
22. APGN Coordinator/ UNESCO International Geopark Expert. Facilitated the Indonesian Geopark Clinic IV: Evaluasi Percepatan Geopark Nasional Indonesia menuju Geopark Global, Jogjakarta, Indonesia, 16-17 November 2015.
23. APGN Coordinator/ UNESCO International Geopark Expert. Advisory services and field site review – Preparation of Batur Global Geopark for revalidation mission on 2016, Batur, Bali, Indonesia, 18-20 November 2015.

Intellectual Contribution

Academic Recognition

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| 2020 – 2022 | Chairman , Cluster of Environment and Sustainability, Academy of Professors Malaysia. |
| 2021 – 2023 | Chair , National Heritage Board, Ministry of Tourism, Art & Culture Malaysia. |
| 2021 – 2023 | Member , National Biodiversity Roundtable, Ministry of Energy and Natural Resources |
| 2021 – 2023 | Member , Langkawi UNESCO Global Geopark Working Committee, Langkawi Development Authority |
| 2021 | Key Expert , Formation of A Signature Leadership Program for ASEAN Higher Education Institutions, Higher Education Leadership Academy. |
| 2019 – 2022 | Permanent Member , Environmental Quality Council, Ministry of Energy, Science, Technology, Environment and Climate Change (MESTECC), Malaysia. |

- 2019 – 2020 **Advisory Board**, National Biodiversity Round Table, Ministry of Water, Land and Natural Resources (KATS), Malaysia
- 2018 – 2020 **Chair**, National Heritage Board, Ministry of Tourism, Art & Culture Malaysia.
- 2017 – 2021 **Chair**, Geopark Implementation Committee
- 2017 – 2019 **Chair**, Iskandar Malaysia, Universiti Teknologi Malaysia
- 2017 – 2019 **Chairman**, Malaysian Technical Corporation Programme (MTCP) Organising Committee
- 2017 – 2018 **Member**, Scientific Expert Panel, National Science Council
- 2017 – 2018 **Leadership Council**, Sustainable Development Solutions Network Malaysia (SDSN Malaysia)
- 2016 – 2019 **Distinguished Visiting Professor**, Universiti Teknologi Malaysia
- 2016 – 2022 **Advisor**, Langkawi UNESCO Global Geopark.
- 2016 – 2019 **Chair**, Geology Expert Committee, National Heritage Act 2005 (Act 645), Department of National Heritage
- 2016 – 2018 **Visiting Professor**, Universiti Sains Malaysia
- 2016 – 2018 **Associate Researcher**, Tropical Geo-engineering Centre (GEOTROPIKA), Institute for Smart Infrastructure and Innovative Construction (ISIIC), UTM
- 2016 – 2018 **Vice Chair**, UNESCO Global Geoparks Council
- 2016 **Member**, National Geopark Committee, Ministry of Natural Resources and Environment
- 2015 – 2016 **Chief of Experts**, Preparation of Johor Environment Policy. Appointed by Johor Economic Planning Unit (UPEN Johor)
- 2015 **Langkawi Personality Tourism Award**, Langkawi Tourism Awards 2015, Langkawi, Kedah, 18 December 2015.
- 2015 – 2016 **Member**, International Union for Conservation of Nature (IUCN) World Heritage Panel.
- 2015 – 2018 **Vice President**, Global Geoparks Networks Association (GGNA).
- 2014 – 2015 **Member**, UNESCO Working Group on Global Geoparks.
- 2014 **Honorary Member Award**, Geological Society of Malaysia.
- 2013 **International Scientific Committee**, 3rd Asia-Pacific Geoparks Network Symposium 2013, Jeju Geopark, Korea, 9-11 September 2013.
- 2013 **Anugerah Geosaintis Malaysia**, Geological Society of Malaysia.
- 2012 **Profesor Emeritus Award** from Universiti Kebangsaan Malaysia (UKM).
- 2012 **Science Excellence Award** (Environmental Geoscience) by International Union of Geological Science (IUGS), Brisbane, Australia.
- 2011 **Honorary Ambassador** for Promotion of Jeju's Natural Environment. Jeju Self-Governing Province.

- 2010 **Chairman** of National Higher Education Strategic Plan (Academia), Ministry of Higher Education, Malaysia.
- 2010 - 2018 **Head** of Environment and Natural Resources Cluster, National Council of Professors (MPN), Ministry of Higher Education, Malaysia.
- 2008 **Langkawi Award 2009**, Ministry of Natural Resources and Environment, Malaysia.
- 2007 **Darjah Dato Setia Negeri Sembilan (DSNS)**, State of Negeri Sembilan.
- 2005 - now **Bureau Member**, UNESCO Global Geoparks Networks (2005 - now). Appointed by UNESCO Division of Ecological and Earth Sciences, Paris as the highest body that approve and monitor the member of Global Geoparks Network.
- 2006 - now **International Expert Group**, UNESCO Paris.