

## Curriculum Vitae

Name : Ir. Muh. Fikruddin Buraerah, S.Kel., S.T., M.Si,  
IPM., ASEAN Eng.  
Place of birth : Ujung Pandang (Makassar)  
Date of birth : 17 June 1990  
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### **Degrees Awarded**

- ✚ *Asean Engineering Register*. AFEO Governing Board, 2020 at Hanoi, Vietnam.
- ✚ *Professional Engineer* (IPM), The Institution of Engineers Indonesia, 2020.
- ✚ *Insinyur Profesional Program*, 2020, Faculty of Industrial Technology, Muslim University of Indonesia.
- ✚ *Bachelor of Environmental Engineering*, 2020, Department of Engineering, Faculty of Environmental Engineering, Sekolah Tinggi Teknologi Nusantara Indonesia (STTNI).
- ✚ *Master of Environmental Management*, 2016, Graduate School, Hasanuddin University (UNHAS).
- ✚ *Bachelor of Marine Science*, 2013, Department of Marine Science, Faculty of Marine Science and Fisheries, Hasanuddin University (UNHAS).

### **Professional Experiences**

- ✚ *Field Survey Team* at PT.Tiga Sejahtera, 2012-2014 *Project Admin*, Street of Fatmawati No. 15. South Jakarta.
- ✚ *Research Team* for Research Activity Center at WITARIS (Region, Spatial and System Informasi Geospasial), Hasanuddin University. 2014-2016.
- ✚ *Consultant* at CV. Green Envi Consultant, 2018-2019, Position: *Mapping Expert*.
- ✚ *Consultant* at PT. Ecotropica, 2018-2021, Position: *Air and Water Quality Expert*.
- ✚ *Consultant* at CV. Bumi Evokatif Indonesia, 2017-2021, Position: *Wastewater Treatment Experts*.
- ✚ *Consultant* at PT. Alesco Putera Infantri Energi, 2020-2021, Position: *Traffic Engineering Expert*.
- ✚ Lecturer at University of Technology Sulawesi, 2017.
- ✚ Lecturer at Bosowa University, (2018-Present)
- ✚ Lecturer at Parepare Muhammadiyah University, 2020.
- ✚ Lecturer at Sriwijaya University, 2022.

## Organization Experience

- ✚ The Institution of Engineers Indonesia, (2020).
- ✚ Quality Assurance Department of Bosowa University, (2019).
- ✚ National Association of Indonesian Consultants (INKINDO), (2019).
- ✚ MSDC (Marine Science Diving Club) at Faculty of Marine Science and Fisheries, Hasanuddin University (2013).
- ✚ KEMA FIKP, Faculty of Marine Science and Fisheries, Hasanuddin University (2013).

## Publications, Journals and Books

- ✚ Carbon Monoxide Gas Pollution Control Model Using Reducing Plants, (Journal of Environmental Treatment Techniques, Volume 9 (2), Pages 428-434) ([https://doi.org/10.47277/JETT/9\(2\)434](https://doi.org/10.47277/JETT/9(2)434))
- ✚ The Impact of Household Waste On Slum Neighborhoods (International Journal of Engineering Research and Technology, Volume 13 (9), Pages 2374-2379) (<http://doi.org/10.37624/ijert/13.9.2020.2374-2379>)
- ✚ Student Knowledge of Global Environmental Issues in Makassar City, South Sulawesi, Indonesia (International Conference on Education, Science, and Technology 481, 287 -290) (<http://dx.doi.org/10.37624/ijert/13.9.2020.2374-2379>)
- ✚ Book "Teori dan Studi Kasus Analisis Dampak Lalu Lintas" (Pustaka Learning Center) ISBN : 978-623-6121-61-0.
- ✚ Book "Tunikata (ascidiacea) dalam Lingkungan Perairan Makassar" (Pustaka Learning Center) ISBN : 978-623-6591-82-6.
- ✚ Application of the Simple Additive Weighting (SAW) Method in Determining the Best Soil Characteristics for Sweet Potato Plants (*Ipomoea batatas* L.) (Smart Comp Journal 20 June 2020) (<http://dx.doi.org/10.30591/smartcomp.v9i2.1916>)
- ✚ The Factors Affecting Land Use Change in the Boundary Areas of Makassar-Maros Indonesia Using Remote Sensing for a Period of 20 Years (Journal of Ecosystem 19 May 2020).
- ✚ Monitoring of Temperature Changes in the National Capital City in 1993-2019 Using Landsat Satellite Image (Case Study: Jakarta, Singapura, Kuala Lumpur Dan Bangkok) (Journal of Ecosystem 19 May 2020).
- ✚ Landslide of Karalloe Dam Site Gowa Regency, South Sulawesi Province (Journal of Ecosystem 19 May 2020).

## **Presentations/Seminars**

- ✚ *Development and Education Park Underwater Coral Ornamental Aquaculture. Cooperation Marine Science Diving Club (MSDC), Hasanuddin University (2010).*
- ✚ *Distribution and Diversity tunicates (Ascidiacea) On a Different Water Conditions in Badi Island, Bonebatang Island and Lae-lae Island. Faculty of Marine Sciences and Fisheries, Hasanuddin University (2013).*
- ✚ *Indonesia Workshop Esri, ArcGIS Platform on April 23 to 24, 2015 in Makassar.*
- ✚ *The factors affecting land use change in the boundary areas of Makassar-Maros Using Remote Sensing for a Periode of 20 Years (2016).*
- ✚ *GIS (Geographic Information Systems) In Mapping Environmental Problems (2016).*

**Sincerely,**

Muh. Fikruddin Buraerah