

Curriculum Vitae

Surname	Katili
First Name	Abubakar Sidik
Date of Birth	June, 17 1979
Academic Qualification	▪ Bachelor Biology Education / IKIP Negeri Gorontalo ▪ Master Of Science / Universitas Gadjah Mada Yogyakarta ▪ Doctor Of Science Education / Universitas Negeri Gorontalo
Qualification to teach	Ecology, Biology Education, Environmental Science
Further Qualifications	▪ Assessor of Competency for Teacher Profesional Education and Trainig ▪ Expert of Environmental Impact In filed Biodiversity ▪ Middle Expert of Project Activity In Field Conservation & Management Biodiversity of coastal and terrestrial Ecosystem
At the Higher Education Institution (to be accredited) since:	1 December 2003
Level of Employment (part-time or full-time):	Full time
Teaching Focus:	Ecology, Biodiversity and Conservation, Biostatistics, Research Methodology, Biology Education
Interdisciplinary Aspects:	Coastal resource management, Coastal ecology, Environmental Science
Activities in the Areas:	Training ▪ Technical Instructional Training ▪ Applied Approach Training ▪ Active Learning In School (ALIS) ▪ Active Learning In Higher Education (ALIHE) ▪ Basic Environmental impact analysis training ▪ Methods and Techniques for Preparation of Environmental Impact Analysis Documents training ▪ Conservation Area Management and Monitoring Collaboration Training ▪ Mangrove Rehabilitation Training ▪ Virtual simulation toolkit sector greenhouse gas inventory and energy, waste and institutional arrangement
Futher Education	Scientific Seminar (Oral Presentation) 1. International conference On research, implementation, and education of mathematics and sciences 2014 2. International conference On research, implementation, and education of mathematics and sciences 2014 18 – 21 May Faculty of Mathematics and Natural Sciences, State University of Yogyakarta 3. National Seminar on Biodiversity of Indonesia December 20, 2014/ University of Indonesia December 20, University of Indonesia 4. National Seminar on Biosciences I, September 29, 2014/Udayana University Graduate.

Research	5. International Conference on Mathematics, Natural Sciences, and Education (ICoMaNSEd 2015), August 7-9, 2015, Aryaduta Hotel Manado, Indonesia. 6. The 6th International Conference On Green Technology "Innovation in Islamic perspective for sustainable development action toward international challenges", 18th - 19th September 2015-UIN Maliki Malang. 7. National Seminar on Biodiversity, November 7, 2015 UNS-Solo 8. The International Conference on Biodiversity, UGM Yogyakarta, March 19-20, 2016. 9. The International Conference On Interdisciplinary Approach Research, UNG Gorontalo August, 2017. 10. National Seminar on Indonesian Biodiversity Society (MBI), UNPAD Bandung 6 July, 2018. 11. International Conference on Biodiversity Society for Indonesian Biodiversity (SIB), UNDAPD Bandung 7-8 July 2018. 12. National Conference on Social Justice, ISJN in collaboration with JAPESDA Gorontalo, University of Muhammadiyah Gorontalo, December 2018. 13. International Webinar Of Mathematics, Natural Sceinces, And Learning In The New Normal Order (IWMANSELEN), UNG Gorontalo August, 2017, Manado. 1. Mangrove Vegetation Structure in Kwandang District of North Gorontalo Regency. 2. <i>Echinoderta</i> Community Structure in the Intertidal Zone of the South Coast and North Coast of Gorontalo. 3. Public perception of the preservation of panua nature reserve as a conservation area. 4. Composition and Structure of Mangrove Plant Vegetation Association in Coastal Area Kwandang North Gorontalo Regency and Mananggu Coastal Area 5. Vertebrate Inventory of Bird Species In Coastal Areas That Accumulate Mercury From North Gorontalo County People's Mining Waste 6. Description of the difference in the number of individual <i>mangrove crabs Scylla serrata</i> and <i>uca sp</i> and its relation to environmental factors in the mangrove ecosystem in Bulalo village kwandangKabupaten Gorontalo Northdistrict 7. Diversity of actinomycetes and exploration of bioactive compounds from the mangrove area of gorontalo torsiaje village (Year 1). 8. Diversity of actinomycetes and exploration of bioactive compounds from the mangrove area of gorontalo torosiaje village (Year2). 9. Inventory of Aquatic Bird Species and Predictive Models of Food Chain of Coastal Areas Polluted with Mercury People's Mining Waste in Pohuwato Regency (Year 2). 10. Composition and Abundance of Crustaceans and Polychaeta On Mangrove Stands Bulalo Village Kwandang Subdistrict.
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Consultancy	11. Application of social interventions and technological interventions in environmentally friendly artisanal fisheries to increase the income of the Bajo people of Gorontalo province (Year 1). 12. Application of social interventions and technological interventions in environmentally friendly artisanal fisheries to increase the income of the Bajo people in gorontalo province (Year 2). 13. Application of social interventions and technological interventions in environmentally friendly artisanal fisheries to increase the income of the Bajo people in gorontalo province (Year 3). 14. Mangrove-Based Coastal Area Degradation Reduction Strategy and Carbon Uptake Potential in Tabongo Village of Dulupi Subdistrict and Its Utilization in Development in Ecological Learning. 15. Socio-cultural approach In the learning of coastal ecosystems of character In coastal elementary schools (Year 1). 16. Socio-cultural approach in the learning of coastal ecosystems of character In coastal elementary schools (Year 2). 17. Socio-cultural approach In the learning of coastal ecosystems of character In coastal elementary schools (Year 3). 18. Utilization of the potential of mangrove vegetation structure and carbon uptake potential in the development of coastal ecological teaching materials 19. Microbial diversity of phosphate solvents and IAA-producing in MOL Conch Mas(<i>Pomacea canaliculata</i>) 1. Environmental Impact Assessment of PT. Wira Sawit Mandiri Kab. Pohuwato, Gorontalo Province, (Biological Component) 2. Environmental Impact Assessment of PT. Agro Artha Surya (Biological Component), in Boalemo District of Gorontalo Province. 3. Environmental Impact Assessment of PT. Gorontalo Minerals, in Bone Bolango County, Gorontalo Province. 4. Environmental Impact Assessment of Jetty PT. Gorontalo Electric Power (Biological Component) of Gorontalo Province. 5. Environmental Impact Assessment of PT. Gorontalo Electric Power (Biological Component) of Gorontalo Province. 6. Environmental Impact Assessment of PT. Swadaya Gemilang Indonesia Jaya(Biological Component), in Boalemo Regency of Gorontalo Province. 7. Environmental Impact Assessment of PT Gorontalo Minerals In Block I Mak River Complex. 8. Head of Team Survey Of Biological Components of Biomass Business Plantation Plan of PT Banyan Tumbuh Lestari (BTL) in Pohuwato Regency, Gorontalo Province. 9. Head of Team Survey Component biology of Biomass Business Plantation Plan PT Inti Global Laksana (IGL)inPohuwato Regency, Gorontalo Province.
How are personal research activities reflected in teaching activities?	The research is carried out according to competence and has been adapted to the subjects taught in the study program. Research, work experience as a consultant and community service activities give me the

	ability to provide an overview of the implementation of the theory taught in class
Work experience General	- Preparation of UKL-UPL Fishermen's House Development Activities in Dumolodo Village, Gentuma Raya District, North Gorontalo Regency. - Preparation of UKL-UPL Rental Flat Construction Activities in Ilangata Village, Orchid District of North Gorontalo Regency. - Preparation of UKL-UPL Activities to build an integrated waste disposal site (tpst) in bulalo village of North Gorontalo District. - Preparation of UKL-UPL Development SUUT 150kv Double Phi (Botupingge-Isimu) and Related Substations in Gorontalo City, Gorontalo Province.
Activities as an Expert	- Ecology Experts In Preparing economic valuation reports of natural resources and environment Pohnuato regency, 2018. - Ecology Experts In Preparing economic valuation reports of natural resources and environment Gorontalo regency, 2019. - Ecology Experts In Preparing economic valuation reports of natural resources and environment Bone Bolango regency, 2020. - Ecology Experts In Preparing economic valuation reports of natural resources and environment Gorontalo Utara regency, 2021.
Publications:	- Declining Ecosystem Services as a trigger for increasing global climate change. - Energy in prokaryotic organisms (ATP/Adenosine Tri Phosphate). - Policies of utilization and supervision in the management of natural resources. - Mangrove Vegetation Structure in Kwandang District of North Gorontalo Regency. - Legal Aspects of Ecosystem Restoration. - <i>Echinoderms</i> Community Structure in the Intertidal Zone in Gorontalo. - The role of the economic aspects of mangrove forests in supporting the development of coastal areas. - Description of Spread Patterns and Bioecological Factors of Paku Plants(<i>Pteridophyta</i>)in the Mountain Reserve Area Of The Kapupaten Bolaang East Mongondow Sub Area. - Inventory of Water Bird Species Which Accumulate Mercury from Mining Waste in Coastal Area North Gorontalo Regency, Indonesia. - Composition and Structure of Mangrove Associates Vegetation in Kwandang Coastal Area North Gorontalo Region and Mananggu Coastal Area Boalemo Region - Inventory of waterbird species which accumulate mercury From mining waste of coastal area North gorontalo regency, ndonesia. - Crab Species Distribution Under Mangrove Stands In Tabongo, Gorontalo Province, Indonesia. - Isolation of Actinomycetes from mangrove ecosystem in Torosiaje, Gorontalo, Indonesia.

	- Degradation level of mangrove forest and its reduction strategy in Tabongo Village, Boalemo District, Gorontalo Province, Indonesia. - Short communication: The Implementation of Local Wisdom Intervention by Bajo People In Eco-Friendly Artisanal Fishery In Torosiaje Gorontalo, Indonesia. - Coastal Ecosystems Capacity as a Study Material in Biology Learning in the Coastal Areas. - Management of coastal biodiversity based on social-cultural values in constructing conservation character education. - Conservation of ecosystems and biodiversity in science education to improve biodiversity literacy. - Short Communication: The composition of mangrove species in coastal area of Banggai District, Central Sulawesi, Indonesia. - Pemberdayaan Corn Farmers Community (<i>Zea mays</i> L.) through the development of a joint business group (kubé) jasmine. - Bioaccumulation of Heavy Metals in Ferns (Pteridophyta) Around the River Gorontalo Province. - Effectiveness of Environmentally-Based Science Learning towards Environmentally-Friendly Character of Students in Coastal Area. - Utilization of Vegetation Structure Value and Mangrove Carbon Uptake Value in Development of Coastal Ecology Teaching Book. - Science learning to understand the value of conservation character in students in the Coastal region. - Biodiversity literacy in science education for biodiversity conservation. - Identification of fermentative bacteria on local microorganisms of golden snail (<i>Pomacea canaliculata</i> Lamarck, 1822)
Memberships:	- Community Of Biodiversity Indonesia - Birth Wildlife Indonesia - Community Of Etnobiologi Indonesia - Indonesian Biology Researcher and Educator Association (HPPBI)
International experience through: Management Activities	- Management in Mangrove Rehabilitation and Increase In Women's Income through Mangrove Fruit Processed Household Food Business in Torosiaje Pohuwato Regency Gorontalo province (Mangrove For The Future / MFF Program, Danida Canada and Wetlands International). - Program Manager Global Partner Environmental Facility Small Grand Program (GEF SGP); Local wisdom in the management of biodiversity and forest areas. - Researcher & Consultant in <i>the Preparation of the Community to Manage Mangrove and Coastal Resources Sustainably</i> program (Community Preparation for Mangrove Management and Sustainable Coastal Resources, Banggai Regency of Central Sulawesi) / Critical Ecosystem Partnership Fund (CEPF) Program, Japesda and Indonesia Bird Wildlife

Academic Activities	- Management in Program Of Employment and Livelihood: An inclusive approach to economic empowerment of women & vulnerable populations in Indonesia, Livelihood Skills for Income Generation and Jobs, International Labour Organization and Terasmitra. - Invited Speaker in International Conference of Wildlife Trade and Utilization in Wallacea Region, Faculty of Forestry UNHAS Makassar, 2019. - Invited Speaker in The 8th International Conference on Mathematics, Science, and Education (ICMSE) Semarang, 2021. Active Participant Of Multi-stakeholder workshop on handling, trade and utilization of wild flora and fauna and International Conference of Wildlife Trade and Utilization in Wallacea Region, Faculty Of Forestry, UNHAS Makassar, 2019.
Other: Google Schollar ID Scopus ID Orchid ID Sinta ID Research Gate	https://scholar.google.co.id/citations?user=0fOalesAAAAJ&hl=en 57193730168 orcid.org/0000-0002-7562-4833 5975648 https://www.researchgate.net/profile/Abubakar-Katili