



Titin Alfiani

Biomanagement Graduate Master Program

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Birthday August 13th, 1999

I tend to be broad-minded in dealing with difficulties, finding solutions, and having enjoyable time management as a person who dares to step outside of her comfort zone and has various experiences. Wetland ecology, environmental and wildlife conservation, community empowerment, forest spatial analysis, landscape, data analytics, and natural resource economic value are all topics in which I am interested.

Language

Indonesia (*Native*)
English (*Intermediate*)

Skill

Management, Public Speaking, Problem Solving, Remote Sensing, Data Analysis
Software: Google Data Studio; Microsoft Office Excel; Tableau; SQL; ArcGIS; QGIS; Google Earth Engine

Education

2021-2022	Master of Science: Bio management (Fast Track) Bandung Institute of Technology (ITB) – Bandung, Indonesia Graduation in October 2022 IPK: 3.96/4.00
2017-2021	Bachelor of Science: Biology, General Bandung Institute of Technology (ITB) – Bandung, Indonesia IPK: 3.48/4.00
2014-2017	High School Diploma Senior High School 1 Metro – Metro City, Lampung NEM: 36.8/40.0

Work Experience

November 2021-now	Freelance Assistant – Kajian Lingkungan Hidup Strategis (KLHS) <i>Work from home</i> <ul style="list-style-type: none">Analyze data “Daya Dukung Daya Tampung Lingkungan Hidup (DDDTLH)” for Muara Enim, Kayu Agung, and Jejawi DistrictCreate a KLHS final report for Muara Enim District and Semende Darat Laut Subdistrict, South SumatraParticipated public discussion of KLHS RZWP3K DKI Jakarta & Muara Enim, KLHS RDTR validation of National Priority Direction for West Bali Airport, KLHS RTRW validation of Fak-Fak District
May-August 2021	GIS Officer Intern Greenpeace Indonesia – Jakarta <ul style="list-style-type: none">Conducted a spatial analysis of deforestation in Indonesia for the period 2011-2020, indicative forest fires in 2020, and estimated of carbon stock based on forest cover in 2019Monitored fire hotspots using MODIS LAPAN data for the period January 1-August 31, 2021Created interactive dashboards using Google Data Studio that can be assessed at bit.ly/Forest_Report_Dashboard21Digitized maps of Indonesian indigenous forestsCollected data on changes in forest status in Indonesia
Oktober-November 2020	Project Trainee MAPATHON – Canal Mapping in Peatland Badan Restorasi Gambut (BRG) X <i>World Resources Institute</i> (WRI) Indonesia <ul style="list-style-type: none">Using OpenStreetMap, digitized canals in Central Kalimantan's peatlands
June-July 2020	Student Intern PILI Green Network – Lampung, Indonesia PILI (Indonesian Environmental Information Center) is a non-profit organization dedicated to assisting the community with environmental issues. <ul style="list-style-type: none">Conducted “Analysis of Bird Community Diversity in Two Supporting Villages Braja Harjosari and Rantau Jaya Udik II, Way Kambas National Park (TNWK), Lampung” bird researchConducted community perception surveys in Braja Harjosari Village and Rantau Jaya Udik II Village as buffer villages for Way Kambas National Park (TNWK), Lampung, on forest fires and poaching
Agt 2019-May 2022	Laboratory Assistant School of Life Science and Technology (SITH) ITB in Behavioral Biology; Genetics; Bioinformatics; Animal Anatomy and Physiology <ul style="list-style-type: none">Organized lab work module, created assessments for students, and managed time for module executionRecorded the attendance of practicum assistants and studentsAssessed each student's examination scores and performance

Organization and Committee Experience

March 2020-March 2021	Head of Issue Management Committee Biology Student Association “Nymphaea” Senatrate Team ITB <ul style="list-style-type: none">Created intellectual content based on the senator ship team’s research into internal and external issues of associations and campus
January 2019-September 2019	Treasurer Ramadan and Eid al-Adha Program Implementation Committee (P3RI) 1440 H – YPM Salman ITB <ul style="list-style-type: none">Created a budget plan for the Ramadan and Eid al-Adha events, which are two of the Salman Mosque ITB’s most momentous events each year

	<ul style="list-style-type: none"> Managed the event's financial flow with funds exceeding Rp 1,000,000 and participants exceeding 1,000 worshipers Generated routine financial reports as well as overall financial accountability reports
April 2019	Field Coordinator ITB's Nymphaea Biology Student Association April Graduation Parade <ul style="list-style-type: none"> Made field technical related to the graduation procession for graduates and all members of the association Responsible for the smooth running of the event and served as the highest command holder in the field during the graduation parade Coordinated with other association and central committee to ensure that the graduation parade runs smoothly
August 2018	Deputy Commander of Medical Special Forces 7 OSKM ITB 2018 (ITB's Student Orientation Program) <ul style="list-style-type: none"> Arranged position and work of the 32 medical committee members Made decisions regarding referrals for the first medical action Coordinated medical forces with other division leaders
July 2018- November 2018	Deputy Head of KAGANGAPA Lampung Cultural Unit (Ubala) ITB's Student Orientation Program <ul style="list-style-type: none"> Designed concept of the student orientation program with the chairperson and material & method division Planned schedule for Ubala members to meet prospective members (Ca-Ubala)

Volunteer and Training Experience

August 2021-now	Research and Development at Pratisara Bumi Pratisara Bumi is an environment-based community that campaigns for environmental sustainability in Indonesia through social actions and social media content <ul style="list-style-type: none"> Develop campaign content on social media and environmental action plans
May & Aug 2020	Student Trainer <i>Drone Mapping Basic Level</i> <i>Indonesia Mapping Community (IMC)</i> – Papua Mapping Center <ul style="list-style-type: none"> Using the ArcGIS 10.4 application, Agi soft Meta shape, and Geomatica, mapped and created layout and contour maps the regent's office in Manokwari Regency, West Papua Province Created a map of above ground carbon stocks, deforestation and forest degradation, CO2 emissions, and deforestation and forest degradation in the peat area of the study location in Teluk Bintuni Regency, West Papua Province from 1990 to 2018 using ArcGIS 10.4
January 2020	Expeditor for Maluku Province Disseminator of Aku Masuk ITB (AMI) <ul style="list-style-type: none"> Informed high school/equivalent students in Buru Regency, South Buru Regency, West Seram Regency, Eastern Seram Regency, and Central Maluku Regency about higher education opportunities
Oktober-December 2019	Volunteer Teaching DTA Al-Arief – A mosque in Babakan Siliwangi District that helps children learn and write the Al-Qur'an

Certification

March 2022	Trainer KLHS Center Squad <ul style="list-style-type: none"> Obtained lessons related to document preparation "Strategic Environmental Studies (KLHS)"
September 2021	Microsoft Excel – Advanced Excel Formulas & Functions (Udemy) <ul style="list-style-type: none"> Credential: https://www.udemy.com/certificate/UC-02bec2c2-9fea-489f-b429-188990698d5d/

Achievement

2021	Presenter at the International Conference on International Wetland Biodiversity and Convention (ICWEB) <ul style="list-style-type: none"> Title of the Paper: A Mapping of Peatland Fire Hazardous in Central Kalimantan Province Based on Hotspot Distributions in 2019
2020	2nd Place LKTI <i>Geospatial Challenge Geopoint 2021 X 70th Geodesy ITB</i> <ul style="list-style-type: none"> Title of the Paper: Planning of Web-Based Geographic Information System (GIS) to Support the Jogja Clean & Safe Program in the Special Region of Yogyakarta