

Research Road Map of Biology Study Program UIN Jakarta

1. Introduction

Indonesia as a Megabiodevirsity in Asia, has the potential in their tropical natural resources that can aspire with the dreams, hope, and goals in achieving Sustainable Development Goals (SDGs). With the potential in mind and the uniqueness in the Department of Biology, Faculty of Science and Technology of UIN Jakarta, that can distinguished integrity of Knowledge in the mean to give chances to develop in research with the many theme as the environmental sciences that consists of the biological, ecological, and conservation point. Beside that, the other theme are Animal biosciences, Plant biosciences, and Microbiology. The field of research that are being developed in the Department of Biology, Faculty of Science and Technology of UIN Jakarta are in one with the Islamic values and Moral values that are based with Visi Misi Consortium Biology Indonesia (KOBI), which in the year 2022 declared the main vision as to increase the score of Index Biodiversity of Indonesia (IBI) in the future. Beside that with the helps of the Science in the Biology World, it is in hope that the Department of Biology, Faculty of Science and Technology of UIN Jakarta can achieve the Research Roadmap of Biology department with consistency and global competitiveness.

2. Research Area (Kajian Penelitian)

2.1. Environmental Sains (Environmental Biology, Ecology of Change and Conservation)

Area Environmental Science research conducts research in the field of environmental science, including Basic Ecology, Change Ecology and Conservation through an interdisciplinary approach (marine biology, terrestrial ecology, environmental impact assessment, natural resource management and dynamics of ecosystem change). The results of environmental area research are expected to support the achievement of the Sustainable Development Goals (SDGs),

Researcher:

Prof. Dr. Lily Surayya Eka Putri, M.Env.Stud (Environmental Biology}

Associate Prof.Dr. Agus Salim, S.Ag,M.Si (Ecology of Change)

Ir.Etyn Yunita, M.Si (Conservation)

Dr. Saifuddin, M.Pd.i (Knowledge Integration)

2.2. Biosains on Animal

Research in the area of Animal Biosciences conducts research in the field of animals through an interdisciplinary approach (taxonomy, molecular biology, physiology, ecology and ethnozoology). Researchers in the Animal Biosciences Research group collaborate and manage studies to explain scientific problems related to animal biosystematics, aspects of ecology and animal biological functions. The results of this

research are expected to play a role in the management of animal diversity in supporting utilization

Researcher :

Associate Prof.Dr. Fahma Wijayanti (Animal Ecology}

Dr. Bhintarti (Animal Biomolecular)

Narti Fitriana, M.Si (Animal Systematics)

Fahri Fahrudin, M.Si (Animal Physiology)

2.3.Plant Biosains

Plant bioscience of research area conducts research in the field of plants through an interdisciplinary approach (systematics, molecular biology, physiology, ecology and ethnobotany). Researchers in this area research cooperate in managing research and development. Biological natural resources in the tropics are the object of plant research. The results of research in this field are expected to play a role in the utilization and management of plant biological resources to support the context.

Researcher: Associate Prof. Dr. Dasumiati, M.Si. (Plant Physiology)

Associate Prof. Dr. Priyanti, M.Si. (Plant Systematic)

Ardian Khairiah, M.Si. (Etnobotani)

2.4.Microbiology

Microbiology research includes microbes of bacteria, fungi, microalgae, and microscopic protozoa and viruses. These microorganisms have a very important role in the survival of life on this earth. Therefore, we need to explore and potential microorganisms in nature. Microbiological applications for various fields of industry, agriculture, environment, food, mining and health. Research in microbiology includes areas such as identification and characteristics

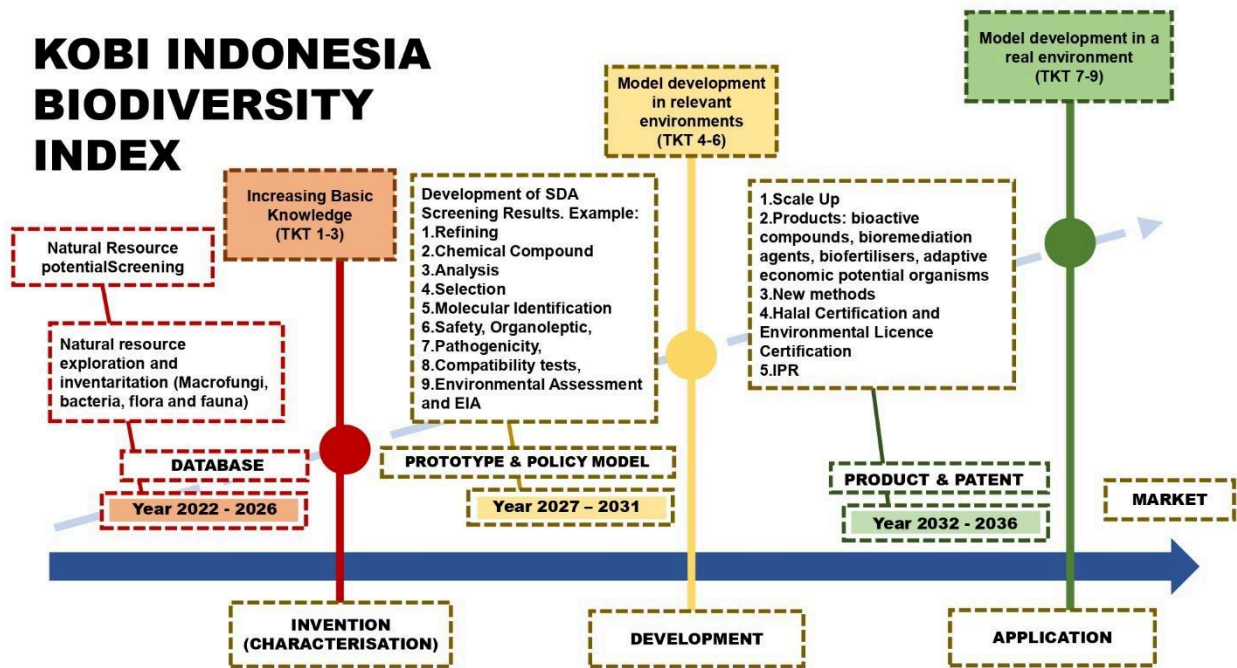
Researcher :

Prof. Dr. Megga RatnasariPikoli, M.Si (Environmental Microbiology}

Associate Prof. Dr. Nani Radiastuti, MSi (Mycology)

Arina Findosari, M.Si (Bacteriology)

3. Research Roadmap /Peta Jalan Penelitian



Research Roadmap of Biology Study Program UIN Jakarta (2022-2036)

Note:

Stage 1. 2022-2026

1. Exploration and Inventory of Natural Resources (microbial fungi, bacteria, flora, and fauna)
Example:
 - 1.1.Species Diversity
 - 1.2. Habitat assessment and distribution of tropical fauna
 - 1.3. Environmental Impact Assessment of Natural Resources Exploration and Inventory Activities

2. Screening of Natural resource potential;

Example:

- 2.1. Microbial screening potential remediation (ex tin mine),
- 2.2. Screening of potential plants producing secondary metabolites and ethnobotanical knowledge
- 2.3.Screening of potential economic animals
- 2.4. Screening (Risk Assessment / Risk Analysis) Natural Resources Utilization Activities

Output Stage 1 DATABASE

STAGE 2. 2027-2031

1. Development of Natural Resources Screening Results

Example:

1.1. Purification

1.2. Chemical Compound Analysis

1.3. Selection

1.4. Molecular Identification

1.5. Safety Test, Organoleptic, Pathogenicity, Compatibility,

1.6. Environmental Assessment and Amdal

Output Stage 2. PROTOTYPE & Policy

Stage 3. 2032-2036

1. Scale Up Scale
2. Products in the form of: bioactive compounds, bioremediation agents, biofertilizers, adaptive economic potential organisms
3. New methods
4. Halal Certification and Environmental Licensing Certification HKI

Output Stage 3: Product & Patent

Related Publications

Prof. Dr. Lily Surayya Eka Putri, M.Env. Stud

<https://scholar.google.co.id/citations?hl=id&user=MgVgflUAAAAJ>

<u>TITLE</u>	<u>YEAR</u>
Synthesis and Characterization of Bioplastic from Macroalgae Padina australis	2023
Hubungan Kesehatan Terumbu Karang dengan Kelimpahan ikan Karang dan Makrozoobentos di Perairan Desa Les, Bali	2022

<u>TITLE</u>	<u>YEAR</u>
<u>Microplastics in grouper fish (Genera epinephelus) gastrointestinal tract from Pramuka Island, Seribu Islands, Indonesia</u>	2022
<u>The growth of Acropora loripes (Brook 1892) using spider frame module transplantation method and its effect on the presence of fish reef in Les Village, Buleleng, Bali</u>	2021
<u>Cuttlefish (Sepia pharaonis Ehrenberg, 1831) as a bioindicator of microplastic pollution</u>	2021
<u>Adsorben logam berat menggunakan Sargassum crasifolium dan proses penyerapan yang dilakukannya - PATEN</u>	2021
<u>Biosorption of Lead by Biomass of Dried Sargassum</u>	2021
<u>Colour variation of the intertidal hermit crab Clibanarius virescens considering growth stage, geographic area in the Indo–West Pacific Ocean, and molecular phylogeny</u>	2020
<u>Adsorption Efficiency of Lead by Sargassum crassifolium in Different Biomass Size and Dose</u>	2020
<u>Molecular phylogeny of Clibanarius Dana, 1852 from the Indo-West Pacific: evolution of pereopod colour pattern and habitat adaptation</u>	2019
<u>The adsorption of heavy metals from industrial wastewater using sargassum crassifolium</u>	2019

Prof. Dr. Megga Ratnasari Pikoli, M.Si

(<https://scholar.google.co.id/citations?hl=id&user=4M8U9q8AAAAJ>)

<u>TITLE</u>	<u>YEARS</u>
<u>Combination of volume and frequency of fungi inoculation on agarwood formation in Gyrinops versteegii of Cijeruk, Bogor</u>	2024
<u>Sulphate reducing bacteria (SRB) detection from pool water of Irradiator Gamma Karet Alam (IRKA)</u>	2024
<u>Analisis Gen tufA Secara In Silico Untuk Primer Identifikasi Mikroalga Trebouxiophyceae</u>	2024
<u>Amplicon-based sequencing revealed potential microbiologically influenced corrosion in the interim storage for spent fuel of RSG-GAS, Serpong, Indonesia</u>	2023

TITLE	YEARS
<u>Intestinal bacteria diversity of suckermouth catfish (Pterygoplichthys pardalis) in the Cd, Hg, and Pb contaminated Ciliwung River, Indonesia</u>	2023
<u>ANALYSIS OF NEW PRIMER PAIR CANDIDATES OF rbcL GENE FOR IDENTIFICATION OF MICROALGAE SCENEDESMACEAE</u>	2023
<u>Intestinal Bacteria Diversity of Suckermouth Catfish (Pterygoplichthys Pardalis) from Heavy Metals Hg, Cd, and Pb Contaminated Environment in Ciliwung River, Indonesia</u>	2022
<u>Microalgae diversity in interim wet storage of spent nuclear fuel in Serpong, Indonesia</u>	2022
<u>Isolation and Characterization of Cellulolytic Bacteria During Natural Fermentation of Sweet Orange Peel Waste (Citrus sinensis)</u>	2022
<u>Bakteriosin dari Bakteri Asam Laktat sebagai Biopreservasi pada Daging dan Olahan: Tinjauan Potensi Hingga Industrinya</u>	2022
<u>Biodegradation of Microplastics by Microorganisms Isolated from Two Mature Landfill Leachates</u>	2022
<u>Pengaruh Kedalaman Sedimen Terhadap Emisi Gas Metana (CH₄) di Situ Kuru</u>	2022
<u>The Alternating Growth of Bacteria within a Consortium During Desulfurization of Coal: 10.32526/ennri/20/202100145</u>	2022
<u>Novel Starter for Producing Yogurt Containing Angiotensin Converting Enzyme (ACE) Inhibitory Activity</u>	2021
<u>Biodegradation of Microplastics by Microorganisms Isolated from Two Mature Landfill Leachates</u>	2021
<u>MEMANCING MIKROBA DARI SAMPAH: Isolasi Mikroorganism Pendegradasi Mikroplastik: Isolasi Mikroorganism Pendegradasi Mikroplastik dari Tempat Pembuangan (TPA) Sampah</u>	2021
<u>Identifikasi Jenis Kupu-Kupu (Lepidoptera) Di Taman Mini Indonesia Indah, DKI Jakarta</u>	2021
<u>Identitas Isolat Bakteri CY1-1PE(I) Asal Lindi TPA Cipayung, Depok, Jawa Barat</u>	2020
<u>Diversity Analysis of an Extremely Acidic Soil in a Layer of Coal Mine Detected the Occurrence of Rare Actinobacteria</u>	2020

<u>TITLE</u>	<u>YEARS</u>
<u>MEMANCING MIKROBA DARI SAMPAH: Isolasi Mikroorganismes Pendegradasi Mikroplastik dari Tempat Pembuangan Akhir (TPA) Sampah</u>	2020
<u>The Effect of Gamma-Irradiated Nitrate-Reducing Bacteria in Decreasing the In Vitro Production of Methane by Buffalo Rumen Liquid</u>	2019
<u>Characteristics of tropical freshwater microalgae <i>Micractinium conductrix</i>, <i>Monoraphidium sp.</i> and <i>Choricystis parasitica</i>, and their potency as biodiesel feedstock</u>	2019
<u>Biodesulfurization of Diesel Oil by Bacterium <i>Moraxella osloensis</i></u>	2019

<u>No.</u>	<u>Title</u>	<u>Years</u>
1	<u>Combination of volume and frequency of fungi inoculation on agarwood formation in <i>Gyneros versteegii</i> of Cijeruk, Bogor</u>	2024
2	<u>Amplicon-based sequencing revealed potential microbiologically influenced corrosion in the interim storage for spent fuel of RSG-GAS, Serpong, Indonesia</u>	2023
3	<u>Intestinal bacteria diversity of suckermouth catfish (<i>Pterygoplichthys pardalis</i>) in the Cd, Hg, and Pb contaminated Ciliwung River, Indonesia</u>	2023
4	<u>Biodegradation of microplastics by microorganisms isolated from two mature landfill leachates</u>	2022
5	<u>The Alternating Growth of Bacteria within a Consortium During Desulfurization of Coal: 10.32526/enrj/20/202100145.</u>	2022
6	<u>Microalgae diversity in interim wet storage of spent nuclear fuel in Serpong, Indonesia.</u>	2022
7	<u>Diversity Analysis of an Extremely Acidic Soil in a Layer of Coal Mine Detected the Occurrence of Rare Actinobacteria</u>	2020
8	<u>Characteristics of tropical freshwater microalgae <i>Micractinium conductrix</i>, <i>Monoraphidium sp.</i> and <i>Choricystis parasitica</i>, and their potency as biodiesel feedstock</u>	2019

Dr. Fahma Wijayanti, M.Si (<https://scholar.google.co.id/citations?hl=id&user=brbO6qwAAAAJ>)

<u>TITLE</u>	<u>YEARS</u>
<u>Vegetasi Riparian dan Komunitas Makrozoobentos di Situ Gintung Sebagai Pendukung Konservasi Air Kawasan Kampus UIN Syarif Hidayatullah Jakarta</u>	2024
<u>Feed Management and Nutritional Status of Gibbons (<i>Symphalangus Syndactylus Raffles, 1821</i>) at Tegal Alur Animal Rescue Center, Jakarta</u>	2023
<u>Minerals and fatty acids profile of armored catfish <i>Pterygoplichthys pardalis</i> from Ciliwung River, Indonesia</u>	2023

TITLE	YEARS
Status of <i>Barbodes binotatus</i> (Valenciennes, 1842) in ecological trophy in the Ciliwung River Region, West Java	2022
Hubungan Kesehatan Terumbu Karang dengan Kelimpahan ikan Karang dan Makrozoobentos di Perairan Desa Les, Bali	2022
A descriptive study of karst conditions and problems in Indonesia and the role of karst for flora, fauna, and humans	2021
Fisheries and Biological Aspects of Dusky Shark <i>Carcharhinus obscurus</i> (Lesueur, 1818) in Muncar Fishing Port, Banyuwangi, Indonesia	2021
Muncar Balıkçı Limanı, Banyuwangi, Endonezya'daki Gölge Köpek Balığının <i>Carcharhinus obscurus</i>' un (Lesueur, 1818) Biyolojik Özellikleri ve Balıkçılık Açısından Değerlendirilmesi	2021
Penyebaran biji tumbuhan oleh orangutan Kalimantan <i>pygmaeus wurmbii tiedemann</i>, 1808 di Stasiun Riset Cabang Panti, Taman Nasional Gunung Palung, Kalimantan Barat	2021
Pencemaran Mikroplastik Pada Gurita <i>Octopus spp.</i> di Perairan Pulau Pramuka Kepulauan Seribu	2021
Bioekologi ikan sapu-sapu di sepanjang aliran Sungai Ciliwung	2020
Identifikasi cacing ektoparasit pada ikan sapu-sapu <i>Pterygoplichthys pardalis castelnaui</i>, 1855 di Sungai Ciliwung Jakarta	2020
Perilaku Makan dan Status Gizi Siamang <i>Symphalangus syndactylus</i> Raffles, 1821 di Pusat Penyelamatan Satwa Tegay Alur, Jakarta	2020
The effect of water quality on the population density of <i>Pterygoplichthys pardalis</i> in the Ciliwung River, Jakarta, Indonesia	2020
Trophic level and position of <i>Pterygoplichthys pardalis</i> in Ciliwung River (Jakarta, Indonesia) ecosystem based on the gut content analysis	2020
Habitat characteristic of Suckermouth armored catfish <i>Pterygoplichthys pardalis</i> in Ciliwung River, Indonesia	2020
Kelimpahan Beruang Madu (<i>Helarctos malayanus</i> Raffles, 1821) Di Taman Nasional Kerinci Seblat, Sumatera	2019
Diversity and Density of Pleco (<i>Pterygoplycthis sp</i>) in Ciliwung River, Jakarta Indonesia	2019

<u>TITLE</u>	<u>YEARS</u>
<u>Analisis Isi Perut (Gut Content Analysis) Ikan Sapu-Sapu (Pterygoplichthys Pardalis CastellInnau, 1855) Asal Sungai Ciliwung, Jakarta</u>	2019
<u>Prevalensi ektoparasit protozoa pada udang windu (Penaeus monodon Fabricius, 1798) di tambak Muara Gembong, Kabupaten Bekasi</u>	2019
<u>Analisis kandungan mineral pada ikan sapsapu (pterygoplichthys pardalis) asal Sungai Ciliwung, Jakarta</u>	2019
<u>Identifikasi dan prevalensi ektoparasit pada ikan mujair (Oreochormis mossambicus Trewavas, 1983) di Situ Malangnengah Kecamatan Ciseeng Kabupaten Bogor</u>	2019
<u>Perilaku Makan Anak Orangutan Kalimantan (Pongo pygmaeus wurmbii Tiedemann, 1808) di Stasiun Penelitian Cabang Panti, Taman Nasional Gunung Palung</u>	2019
<u>Potensi ikan sapu-sapu (Pterygoplichthys pardalis) berbagai ukuran dari sungai ciliwung sebagai sumber asam lemak esensial</u>	2019
<u>Analysis of Black Seed Effect on Aedes aegyptii</u>	2019

Dr. Nani Radiastuti, M.Si (<https://scholar.google.co.id/citations?hl=id&user=Fa7o51EAAAAJ>)

<u>TITLE</u>	<u>YEARS</u>
<u>Isolation And Characterization of Bacteria from Shallots (Allium cepa L.) as In-vitro Biocontrol Agent of Fusarium oxysporum f. sp cepae</u>	2024
<u>Tempe Kedelai Hitam (Glycine soja) dan Kacang Buncis Putih (Phaseolus vulgaris L.) sebagai Pangan Fungsional Antioksidan</u>	2023
<u>Shallot growth and production responses to application of microorganisms based-biostimulant and NPK fertilizer combinations on acid soil</u>	2023
<u>Utilization of mozzarella cheese and tofu whey as additional nutrients in the growth media of ear mushroom (Auricularia auricula-judae J. Schort)</u>	2023
<u>Antibacterial activity of honey and lime fruit (Citrus aurantifolia (Christm.) Swingle) peeling waste extract against Escherichia coli and Staphylococcus aureus</u>	2023
<u>Effects of Heavy Metal-Tolerant Microorganisms on the Growth of "Narra" Seedlings</u>	2022

<u>TITLE</u>	<u>YEARS</u>
<u>The potency of culturable fungi from tidal and non-tidal swamplands in Indonesia</u>	2022
<u>The diversity of endophytic fungi on Annu mutant plantation (Artemisia annua L.) based on ITS rDNA marker</u>	2022
<u>Efek Toksisitas Subakut Serbuk Biji Pepaya (Carica papaya) Varietas 'Bangkok'dan 'California'Pada Mencit Jantan (Mus musculus) Galur Swiss Webster</u>	2021
<u>The potential of nutmeg's microbes (Myristica fragrans Houtt.) as antagonistic agents against Rigidoporus microporus</u>	2021
<u>Culturable endophytic fungal diversity in cassava tubers of Indonesia</u>	2021
<u>Isolasi dan Identifikasi Jamur Penyebab Busuk pada Kulit Salak (Salacca sp.)</u>	2021
<u>Ragam dan Potensi Makrofungi di Kawasan Kampus I dan II UIN Syarif Hidayatullah Jakarta</u>	2021
<u>Identifikasi Makrofungi di Komplek Tumbuhan Suku Rubiaceae, Myrtaceae, dan Anacardiaceae Kebun Raya Bogor</u>	2021
<u>Antioksidan Ekstrak Kapang Endofit Phomopsis spp. dari Tanaman Kina (Cinchona calisaya)</u>	2021
<u>Diversity of extracellular enzymes produced by endophytic fungus originated from Centella asiatica (L.) urban</u>	2020
<u>Potency of Papaya Seed Powder (Carica papaya L.) as Chicken Meat and Shrimp Preservative</u>	2020
<u>Phylogenetic study of endophytic fungi associated with Centella asiatica from Bengkulu and Malaysian accessions based on the ITS rDNA sequence</u>	2019
<u>Diversity of endophytic fungi in the root, leaf, stolon and petiole of Asiatic pennywort (Centella asiatica).</u>	2019

Dr. Dasumiati, M.Si (<https://scholar.google.co.id/citations?hl=id&user=rFhQql8AAAAJ>)

<u>TITLE</u>	<u>YEARS</u>
<u>Nilai Duga Keragaman Genetik, Heritabilitas, dan Korelasi antar Karakter Mutan Rumput Gajah Generasi MV3</u>	2023
<u>Urban Lakes, South Tangerang City Based on Water Quality Index and Phytoplankton Composition as Bioindicator</u>	2023
<u>Growth and yield of sweet corn in response to the liquid organic fertilizer derived from <i>Tithonia diversifolia</i> and <i>Ageratum conyzoides</i></u>	2023
<u>Micronucleus assay in the blood of residents in Mamuju, West Sulawesi, Indonesia, a high background radiation area</u>	2023
<u>Micropropagation of potato (<i>Solanum tuberosum</i> L.) cv. granola in liquid medium using aeration system for G0 seed production</u>	2022
<u>Biosynthesis of ZnO Nanoparticles Using Pumpkin Peel Extract (<i>Cucurbita moschata</i>) and its Applications as Semiconductor in Dye Sensitized Solar Cell (DSSC)</u>	2021
<u>Screening for drought stress tolerance of Indonesian sorghum varieties</u>	2021
<u>Keragaman dan Kepadatan Populasi Burung di Kawasan Hijau Cibinong Science Center (CSC) LIPI, Jawa Barat</u>	2021
<u>Synthesis and characterization of ZnO nanoparticles using pumpkin seed extract (<i>Cucurbita moschata</i>) by the sol-gel method</u>	2021
<u>Keragaan Malai Mutan Padi Generasi M1 Hasil Iradiasi Gamma</u>	2020
<u>Application o plant growth hormone from <i>Bacillus vallismortis</i> to improve the growth and production of chili plants</u>	2020
<u>Androgynomonoecious <i>Jatropha curcas</i>: Chromosomes, Isozymes, and Flowers Gender</u>	2019
<u>Food packaging development of bioplastic from basic waste of cassava peel (<i>manihot utilisima</i>) and shrimp shell</u>	2019

Dr. Agus Salim, M.Si (<https://scholar.google.co.id/citations?hl=id&user=pluiq5wAAAAJ>)

<u>TITLE</u>	<u>YEARS</u>
<u>An Analytic Solution to The Inhomogeneous Verhulst Equation Using Multiple Expansion Methods</u>	2023

<u>TITLE</u>	<u>YEARS</u>
<u>Ecological Risk Assessment of Oil Spill in Seribu Islands</u>	2023
<u>Integrated Management on Natural Resources in Asia Pacific Region</u>	2023
<u>Pengelolaan Dan Pengembangan Lahan Wakaf Produktif Melalui Sistem Pertanian Terpadu Di Kabupaten Manggarai, Nusa Tenggara Timur, Kabupaten Bintan, Kepulauan Riau, Dan Kecamatan ...</u>	2023
<u>Waste Management of Oil and Gas at Jakarta Port (Handbook)</u>	2022
<u>Evidence of Micropollutants in Sediment and Mud Clams (<i>Polymesoda erosa</i>) from One of Mangrove Biodiversity Hotspots in Indonesia</u>	2022
<u>Environmental Impact Analysis Hand Book: Housing Development in Rumpin West Java</u>	2021
<u>Experimental Study of Pedelec E-Bike Using Modified Mid Drive Motor</u>	2021
<u>Organic pollutants hazard in sediments and green mussels in jakarta bay, Indonesia</u>	2021
<u>Bencana Musibah Tumpahan Minyak di Perairan</u>	2020
<u>Tinjauan Kelayakan Proyek Berdasar pada Pembiayaan Sukuk: Suatu Implementasi</u>	2020
<u>Air and Seawater Quality Assessment Around Selected Area in Panjang Port Lampung Region</u>	2020
<u>1. Biografi Prof Din Syamsudin; 2. Biografi ismed Hasan Putro dan 3. Biografi Sidiq Permana</u>	2020
<u>Daily apportionment of stranded plastic debris in the Bintan Coastal area, Indonesia</u>	2019

Dr. Priyanti, M.Si (<https://scholar.google.co.id/citations?hl=id&user=Kf16YxlAAAAJ>)

<u>TITLE</u>	<u>YEARS</u>
<u>Diversity of food crops at itinerant vegetable vendors in Kalideres district, West Jakarta</u>	2024

<u>TITLE</u>	<u>YEARS</u>
<u>Pengaruh Penambahan Tepung Bunga Rosela pada Pakan untuk Pertumbuhan dan Sintasan Ikan Koi (<i>Cyprinus carpio</i> L.)</u>	2023
<u>Morfologi Daun Durian (<i>Durio zibethinus</i> L.) dan Keanekaragaman Genetiknya Berdasarkan Marka ISSR</u>	2023
<u>Etnobotani Pemanfaatan Tumbuhan Bambu pada Tradisi Pawai Obor di Desa Setu, Kecamatan Setu, Kota Tangerang Selatan</u>	2023
<u>Soil Transmitted Helmint on Lettuce (<i>Lactuca sativa</i> L.) From Plantation and Post-Irradiation</u>	2022
<u>Soil Transmitted Helmint on Lettuce (<i>Lactuca sativa</i> L.) from Plantation and Post -Irradiation</u>	2022
<u>Application of AutoML Vision for palm identification at UIN Syarif Hidayatullah Jakarta</u>	2022
<u>Penyakit Bacterial Fruit Blotch (BFD) yang Disebabkan <i>Acidovorax citrulli</i> yang Menyerang Organ Tanaman Semangka (<i>Citrullus lanatus</i>)</u>	2022
<u>Penyakit Bacterial Fruit Blotch (BFD) yang Disebabkan <i>Acidovorax citrulli</i> yang Menyerang Organ Tanaman Semangka (<i>Citrullus lanatus</i>)</u>	2022
<u>Vegetation on ex-tin mining in Mempayak village, Manggar district, Belitung regency and its utilization</u>	2022
<u>The genetic diversity of genus <i>Bucephalandra</i> traded in the aquatic biota markets in Jakarta and the surrounding area based on RbCl markers</u>	2022
<u>SSR MARKERS CHARACTERIZATION FOR TEMU IRENG (<i>Curcuma aeruginosa</i> Roxb.) GENERATED FROM EST OF <i>Curcuma longa</i></u>	2021
<u>Characteristics of mangosteen rind peel off gel mask with various concentrations</u>	2021
<u>Etnobotani Tumbuhan Penghasil Bahan Bangunan di Desa Pulung Rejo, Kecamatan Rimbo Ilir, Kabupaten Tebo, Jambi</u>	2021

<u>TITLE</u>	<u>YEARS</u>
<u>Etnobotani Pemanfaatan Tanaman Pada Ritual Kematian di Dasana Indah RT.05 RW.16 Kelurahan Bojong Nangka, Kecamatan Kelapa Dua, Kabupaten Tangerang</u>	2021
<u>ETNOBOTANI TRADISI MAGUTI DI DESA SELARAS KECAMATAN WIDODAREN KABUPATEN NGAWI JAWA TIMUR</u>	2021
<u>Pengetahuan Budaya Nginang Oleh Masyarakat Dukuh Tegalsari, Klaten dan Desa Pakuncen, Serang Sebagai Obat</u>	2021
<u>A Phenetic Analysis of Korthalsia spp. in Sumatra Based on Morphological Characters</u>	2021
<u>EKSTRAK ETANOL KULIT MANGGIS SEBAGAI MASKERGEL PEELOFFBERANTIOKSIDAN</u>	2021
<u>The cotton fabric coloring with leucaena leucocephala peel at room temperature</u>	2021
<u>Preliminary study of the antioxidant activity of mangosteen peel from different acquisition as material gel peel-off mask</u>	2020
<u>Keanekaragaman jenis tumbuhan dan pengetahuan Masyarakat Desa Sialambue Kecamatan Barumun Kabupaten Padang Lawas Sumatera Utara sebagai obat dan kerajinan tangan</u>	2020
<u>Pemanfaatan kulit buah manggis (Garcinia mangostana L.) sebagai bahan masker gel peel-off dengan berbagai konsentrasi. Laporan INSINAS tahun 2019</u>	2019
<u>Komunitas Fitoplankton di Kawasan Curug Sawer dan Cimanaracun, Situ Gunung, Jawa Barat</u>	2019
<u>TETUMBUHAN YANG DIMANFAATKAN OLEH PENDUDUK DESA NEGLASARI KABUPATEN SUKABUMI JAWA BARAT SEBAGAI OBAT</u>	2019
<u>Tetumbuhan Riparian di Situ Cikaret, Kecamatan Cibinong, Kabupaten Bogor, Jawa Barat</u>	2019

<u>TITLE</u>	<u>YEARS</u>
<u>Akumulasi Logam Timbal (Pb) Pada Tanaman Bayam (Amaranthus tricolor L.) Dengan Aplikasi Pupuk Mikoriza</u>	2023
<u>Aquafeed Biofloatation through Mycelial Hydrophobic Coating.</u>	2023
<u>Karakteristik Abon Ikan Sapu-Sapu (Pterygoplichthys pardalis) Hasil Iradiasi Sinar Gamma</u>	2023
<u>Diversity of quantitative and qualitative characters of rice grain from Riau province, Indonesia</u>	2021
<u>Pemanfaatan Tepung Daun Turi Dalam Pakan Untuk Kualitas Warna Dan Pertumbuhan Ikan Rainbow Kurumoi (Melanotaenia parva)</u>	2021
<u>Different of aeration rate on hatching rate, abnormality, yolk sac absorption, and absolute length of newly hatched larvae of mahseer (Tor soro)</u>	2021
<u>Increasing the water stability of sinking feed grits using edible fungal hyphae for reducing aquatic waste: A laboratory study</u>	2021
<u>Utilization of Bacillus circulans to improve the nutrient quality of rice straw biomass</u>	2021
<u>Perubahan Kandungan Asam Fitat Dan Asam Amino Esensial Bahan-Bahan Organik Pakan Yang Difermentasi Ragi Tempe</u>	2021
<u>Altering physical characteristics of sinking fish-feed through sub-optimal fermentation using tempeh mould without mechanical extrusion</u>	2021
<u>Pengaruh Pemberian Nannochloropsis oculata terhadap Kadar Total Kolesterol dan Berat Badan Tikus Sprague Dawley yang Mengalami Hypercholesterolemia</u>	2019
<u>Tetumbuhan Riparian di Situ Cikaret, Kecamatan Cibinong, Kabupaten Bogor, Jawa Barat</u>	2019
<u>Evaluasi nutrien dan pencernaan in vitro beberapa spesies rumput lapangan tropis di Indonesia</u>	2019

Narti Fitriana, M.Si (<https://scholar.google.co.id/citations?hl=id&user=JG5BKL0AAAAJ>)

<u>TITLE</u>	YEARS
<u>Mortality of irradiated mealybug <i>Planococcus lilacinus</i> cockerell (hemiptera: Pseudococcidae)</u>	2024
<u>Pengaruh Karbopol dan Propilen Glikol terhadap Laju Penetrasi Sediaan Emulgel Xanthone Rich Fraction dari Kulit Buah Manggis (<i>Garcinia mangostana</i> L.)</u>	2023
<u>Evaluation of black soldier fly <i>Hermetia illucens</i> (L.) larvae flour as larval diet for dengue vector mosquito <i>Aedes aegypti</i> (Diptera: Culicidae)</u>	2023
<u>Antioxidant Activity, Total Phenolic and Flavonoid Content of Honey Bee</u>	2023
<u>Feed Management and Nutritional Status of Gibbons (<i>Symphalangus syndactylus</i> Raffles, 1821) at Tegal Alur Animal Rescue Center, Jakarta</u>	2023
<u>Feeding behavior and preferences of <i>Hemiplecta humphreysiana</i> and <i>Lissachatina fulica</i> (Gastropoda) to support helioculture in Indonesia</u>	2022
<u>Soil Transmitted Helmint on Lettuce (<i>Lactuca sativa</i> L.) From Plantation and Post-Irradiation</u>	2022
<u>Tingkat Pengetahuan Masyarakat Milenial Terhadap Nematoda (<i>Enterobius vermicularis</i>) di Lingkungan UIN Syarif Hidayatullah Jakarta dan Universitas Negeri Padang</u>	2022
<u>Tingkat Pengetahuan dan Sikap Tentang Toksoplamosis pada Mahasiswa/i Program Studi Biologi UIN Syarif Hidayatullah Jakarta</u>	2022
<u>Tingkat Pengetahuan Masyarakat Generasi Z Terhadap Penyakit Filariasis Di Kelurahan Pamulang Timur</u>	2022
<u>Tingkat Pengetahuan Mengenai Penyakit Kaki Gajah (Filariasis) Pada Mahasiswa/i Biologi UIN Syarif Hidayatullah Jakarta Dan Universitas Negeri Padang</u>	2022
<u>Kajian Pemahaman Generasi Z Terhadap Kutu Rambut (<i>Pediculus Humanus</i>) Pada Manusia</u>	2022

TITLE	YEARS
<u>Analisis Pemahaman Masyarakat Gen Y dan Gen Z di Jabodetabek Mengenai Penyakit Ascariasis</u>	2022
<u>Hubungan Tingkat Pengetahuan dan Perilaku Mahasiswa Fakultas Sains dan Teknologi UIN Syarif Hidayatullah Jakarta Tentang Nyamuk Aedes Aegypti sebagai Vektor Penyakit Demam ...</u>	2022
<u>Inventarisasi Semut Arboreal (Hymenoptera: Formicidae) di Kawasan AirTerjun Sarasah Uwak</u>	2022
<u>Keanekaragaman Serangga Tanah Pada Habitat Terganggu dan Habitat Alami di Taman Wisata Alam Lembah Harau Kabupaten Lima Puluh KotaSumetera Barat</u>	2022
<u>Penapisan Senyawa Aktif Dan Uji Toksisitas LC50 Lendir Dua Spesies Keong Darat: Hemiplecta humphyreysiana Lea, 1840 dan Amphidromus palaceus Mousson, 1849 Sebagai Sediaan ...</u>	2021
<u>Persepsi mahasiswa sebagai kalangan milenial terhadap penyakit Kaki Gajah/Filariasis</u>	2021
<u>PERSEPSI PETERNAK IKAN AIR TAWAR TERHADAP PARASIT PADA BUDIDAYA PERIKANAN</u>	2021
<u>Persepsi orang tua terhadap kasus cacangan pada balita usia 0-60 bulan</u>	2021
<u>Pengetahuan dan Persepsi Peternak Sapi terhadap Ektoparasit pada Sapi Ternak</u>	2021
<u>Persepsi Masyarakat Terhadap Keberadaan Soil Trasmited Helminths pada Sayuran Mentah</u>	2021
<u>Analisis Sikap dan Pengetahuan Remaja Rentang Umur 15-22 Tahun tentang Penyakit Kecacangan</u>	2021
<u>Kajian Pemahaman dan Upaya Pencegahan Generasi Milenial dan Generasi Z di Provinsi DKI Jakarta Terhadap Zoonosis</u>	2021
<u>Persepsi Masyarakat Tentang Kontaminasi Telur Cacing Soil Transmitted Helminth Pada Daun Kemangi</u>	2021

<u>TITLE</u>	<u>YEARS</u>
KONTAMINASI TELUR SOIL TRANSMITTED HELMINTH PADA SELADA (<i>Lactuca sativa</i> L.) DI BEBERAPA PASAR TRADISIONAL KOTA PADANG	2021
Keanekaragaman Jenis Burung Di Cagar Alam Pulau Dua, Banten	2021
Review Serangga Pengunjung pada Beberapa Jenis Tanaman Endemik di Pulau Jawa	2021
Studi Perjumpaan Kupu-Kupu (<i>Ordo Lepidoptera</i>) di Wilayah Jawa Barat Berdasarkan Aplikasi Sains Warga (<i>iNaturalist</i>)	2021
Identifikasi Jenis Kupu-Kupu (<i>Lepidoptera</i>) Di Taman Mini Indonesia Indah, DKI Jakarta	2021
Antioxidant activity of mixed katuk leaf extract and honey	2020

Dr. Saifudin (<https://scholar.google.co.id/citations?hl=id&user=gNzqOBAAAAAJ>)

<u>TITLE</u>	<u>YEARS</u>
Metodologi Pembelajaran Sains Islam Perspektif Fakhruddīn al-Rāzī	2023
Perspektif Islam Tentang Teori Koneksionisme Dalam Pembelajaran	2021
Pengaruh kolonialisme Jepang terhadap pendidikan Islam. Ta'dibuna	2020
Integrasi Ilmu Agama dan Sains: Studi Penulisan Skripsi di UIN Syarif Hidayatullah Jakarta	2020
Visi Pendidikan Islam: Perspektif Ibn Khaldun. Tawazun	2019

Ardian Khairiah, M.Si. (<https://scholar.google.co.id/citations?hl=id&user=49wkszEAAAAJ>)

<u>TITLE</u>	<u>YEARS</u>
Diversity of food crops at itinerant vegetable vendors in Kalideres district, West Jakarta	2024
PERTUMBUHAN DAN PRODUKSI TANAMAN KALE (<i>BRASSICA OLERACEA</i> L. VAR. <i>ACEPHALA</i>) PADA SISTEM HIDROPONIK	2024

TITLE	YEARS
<u>DEEP FLOW TECHNIQUE DENGAN PENAMBAHAN PUPUK ORGANIK CAIR</u>	
<u>RESPON PERTUMBUHAN DAN PRODUKSI PADI (ORYZA SATIVA L.) PADA KOMBINASI PUPUK ORGANIK GRANULAR DAN ANORGANIK</u>	2024
<u>Etnotaksonomi Jenis Bambu Pada Masyarakat Etnis Jawa di Wilayah Semanggi II, Kelurahan Cempaka Putih, Kecamatan Ciputat Timur</u>	2023
<u>Studi Etnobotani Pemanfaatan Tumbuhan Dalam Upacara Adat Galungan Umat Hindu</u>	2023
<u>Etnobotani Tumbuhan Sirih Sebagai Tanaman Pekarangan Rumah Oleh Masyarakat Adat Minang</u>	2023
<u>Etnobotani Ritual Sirih Carano dalam Rangkaian Prosesi Pernikahan di Kecamatan Padang Utara Kelurahan Air Tawar Barat Provinsi Sumatera Barat</u>	2023
<u>Etnobotani Pemanfaatan Tumbuhan Bambu Pada Tradisi Pawai Obor Di Desa Setu, Kecamatan Setu, Kota Tangerang Selatan</u>	2023
<u>Studi Etnobotani Keragaman Tumbuhan Pangan di Nagari Kasang, Kecamatan Batang Anai, Kabupaten Padang Pariaman</u>	2023
<u>Pemanfaatan Lichen (Usnea sp.) Dalam Campuran Jamu Godog Sumber Waras Sebagai Obat Tradisional</u>	2023
<u>Tanaman pada Upacara Kematian di Perkampungan Gunung Utara Situ Gintung Kelurahan Cireundeu, Kecamatan Ciputat Timur, Kota Tangerang Selatan</u>	2023
<u>Etnobotani Pemanfaatan Tumbuhan Pada Ritual Mitoni di Kota Magelang, Jawa Tengah</u>	2023
<u>Potensi Etnobotani Tanaman Bambu Pada Masyarakat Sekitar Hutan Kota Sangqa Buana Jakarta Selatan</u>	2023
<u>Kajian Etnobotani Tumbuhan Obat Oleh Etnis Minangkabau di Desa Sintuak, Sumatra Barat</u>	2023

TITLE	YEARS
<u>Diversity of Long-tailed Macaque Food Trees (<i>Macaca fascicularis</i>) at The Tapos National Park Management Resort Area, Mount Gede Pangrango National Park</u>	2023
<u>Populasi dan sebaran monyet ekor panjang (<i>Macaca fascicularis</i>) di Kawasan Resort Pengelolaan Taman Nasional Tapos, Taman Nasional Gunung Gede Pangrango</u>	2022
<u>Potential Medicinal Plant Species For Fever Used by Minangkabau Ethnic at Nagari Taruang-Taruang, West Sumatra, Indonesia</u>	2022
<u>Etnobotani Tanaman Pada Ritual Kematian di Perkampungan Budaya Betawi Setu Babakan</u>	2022
<u>Etnotaksonomi Bambu Pada Masyarakat Etnis Sunda di Desa Laladon, Kabupaten Bogor, Jawa Barat</u>	2022
<u>Pengetahuan Konsep Estetika Ekologi Masyarakat Kampung Markisa dalam Perencanaan Kampung Hijau</u>	2022
<u>Nilai Manfaat Ekonomi Tanaman Kelapa (<i>Cocos nucifera</i> L.) di Pasar Tradisional Kemiri Muka di Kota Depok, Jawa Barat</u>	2022
<u>Pengetahuan Masyarakat Kampung Jao, Kecamatan Padang Barat Terhadap Pemanfaatan Tanaman Sebagai Bahan Bangunan Rumah Adat Suku Minangkabau</u>	2022
<u>Etnomedisin dalam Pengobatan Tradisional di Nagari Mungo Kecamatan Luak Kabupaten Lima Puluh Kota</u>	2022
<u>Ulasan Efektivitas Ekstrak Lavender (<i>Lavandula angustifolia</i>) Terhadap Nyamuk (<i>Culex</i> sp.) Sebagai Diffuser Organik Pada Masyarakat Jakarta dan Padang</u>	2022
<u>Etnobotani Pemanfaatan Tumbuhan Pada Ritual Turun Mandi di Kabupaten Solok, Sumatera Barat</u>	2022
<u>Etnobotani Tumbuhan yang Digunakan pada Upacara Pernikahan Adat Jawa di Sekitar Wilayah Urbanisasi Kota Jakarta Selatan</u>	2022
<u>Etnobotani Pekarangan Rumah di Wilayah Kelurahan Cibubur Jakarta Timur</u>	2022

TITLE	YEARS
<u>Valuasi Ekonomi Tanaman Zingiberaceae di Pasar Ciputat, Kota Tangerang Selatan, Banten</u>	2022
<u>Etnobotani Bahan Pembuatan Gulai Oleh Masyarakat Air Tawar, Kota Padang</u>	2022
<u>Arboreal Mammals Inventory in Tapos Area Of Gunung Gede Pangrango National Park</u>	2022
<u>POTENTIAL MEDICINAL PLANT SPECIES FOR FEVER USED BY MINANGKABAU ETHNIC AT NAGARI TARUANG-TARUANG, WEST SUMATRA, INDONESIA</u>	2022
<u>Etnobotani Tradisi Maguti di Desa Sekaralas Kecamatan Widodaren Kabupaten Ngawi, Jawa Timur</u>	2022
<u>Etnobotani Tumbuhan Pekarangan di Pemukiman Sekitar Kampus 1 UIN Jakarta, Cempaka Putih, Ciputat Timur, Tangerang Selatan</u>	2021
<u>ETNOBOTANI TUMBUHAN PENGHASIL BAHAN BANGUNAN DI DESA PULUNG REJO, KECAMATAN RIMBO ILIR, KABUPATEN TEBO, JAMBI</u>	2021
<u>STUDI ETNOBOTANI PADA TRADISI ACARE TANGAS DI PERNIKAHAN SUKU BETAWI DI DESA PORIS PLAWAD TANGGERANG</u>	2021
<u>Etnobotani Tanaman Pangan Pekarangan Rumah Masyarakat Di Kelurahan Sukabumi Utara, Jakarta Barat</u>	2021
<u>Studi Eksplorasi Pemanfaatan Jenis-jenis Tanaman Sebagai Pestisida Nabati di Perumahan Pondok Arum, Kecamatan Karawaci, Kota Tangerang, Banten</u>	2021
<u>TUMBUHAN RITUAL PASCA MELAHIRKAN SUKU MANDAILING, SUMATERA UTARA, INDONESIA</u>	2021
<u>Etnobotani Tumbuhan Obat di Desa Serkung Biji Asri, Kecamatan Kelumbayan Barat, Kabupaten Tanggamus, Lampung</u>	2021
<u>Etnobotani Pemanfaatan Tanaman Pada Ritual Kematian di Dasana Indah RT.05 RW.16 Kelurahan Bojong Nangka, Kecamatan Kelapa Dua, Kabupaten Tangerang</u>	2021
<u>Etnobotani Tradisi Maguti Di Desa Sekaralas Kecamatan Widodaren Kabupaten Ngawi Jawa Timur</u>	2021

TITLE	YEARS
The Cotton Fabric Coloring with <i>Leucaena leucocephala</i> Peel at Room Temperature	2021
Pengetahuan Budaya Nginang Oleh Masyarakat Dukuh Tegalsari, Klaten dan Desa Pakuncen, Serang Sebagai Obat	2021
Ethnomedicinal plants and practices related to pregnancy, childbirth, and postpartum healthcare of Minangkabau ethnic group, West Sumatra, Indonesia	2020

Fahri Fachruddin, M.Si (<https://scholar.google.co.id/citations?hl=id&user=rIZdWiAAAAAJ>)

TITLE	YEARS
Identifikasi Metabolit Sekunder dan Aktivitas Antioksidan Karang Lunak <i>Nephtea</i> sp. Hasil Transplantasi Secara In Situ dan Ex Situ	2024
Aktivitas Antibakteri Ekstrak Etanol 96% Biji Kecapi (<i>Sandoricum koetjape</i> (Burm. f.) Merr.) terhadap <i>Propionibacterium acnes</i> dan <i>Escherichia coli</i>	2023
RAMBUTAN FRUIT PEEL EXTRACT REDUCES ABNORMAL SPERM MORPHOLOGY IN MALE WISTAR RATS WITH OBESITY	2023
Efektivitas antibakteri ekstrak etanol 96% buah tomat cherry (<i>Solanum lycopersicum</i> var. <i>cerasiforme</i>) terhadap <i>Propionibacterium acnes</i> dan <i>Staphylococcus aureus</i> penyebab jerawat	2022
Inventarisasi Jenis Reptil di Jawa Melalui Platform Reptile Database	2022
Inventarisasi Jenis Reptil di Sumatra Melalui Platform Reptile Database	2022
Inventarisasi Reptil di Pasar Hewan Jakarta	2022
Inventarisasi Jenis Reptil di Borneo Indonesia Melalui Platform Reptile Database	2022

	<u>TITLE</u>	YEARS
	<u>Aktivitas herbal antidepresan kombinasi biji salak dan kulit jeruk terhadap mencit yang diperlakukan tail suspension test (TST)</u>	2021
	<u>EFEKTIVITAS DOSIS KARBON TETRAKLORIDA (CCl₄) TERHADAP TIKUS (Rattus norvegicus L.) SEBAGAI HEWAN MODEL FIBROSIS HATI</u>	2020
	<u>Lowering uric acid efficacy test of the combined extract of Uncaria gambir (Hunter) Roxb. and Caesalpinia sappan L. in vivo and in vitro</u>	2019
	<u>In vitro Study of Xanthine Oxidase Inhibitory of Gambir (Uncaria gambir) Hunter Roxb Extracts</u>	2019