

Prof. Mohammad Basyuni, S.Hut., M.Si., Ph.D.

Dosen Program Studi S1 Kehutanan
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Prof. Mohammad Basyuni, S.Hut., M.Si., Ph.D merupakan salah satu professor di Fakultas Kehutanan USU yang memiliki segudang prestasi. Lelaki kelahiran 21 April 1973 tersebut bahkan dinobatkan sebagai Ilmuan Berpengaruh di Dunia. Beberapa penghargaan yang berhasil beliau raih antara lain World Class Professor Award 2020 Skema B dari Kemdikbud, penghargaan Peneliti Terbaik 1 Universitas Sumatera Utara, JSPS Core to Core 2020-2023 dari Japan Society for the Promotion of Science, dan berbagai penghargaan-penghargaan lainnya. Prof. Basyuni, meraih gelar sarjananya di Institut Pertanian Bogor dan lulus sebagai Sarjana Kehutanan (S.Hut) pada tahun 1997. Kemudian beliau melanjutkan studi di kampus yang sama dan lulus pada tahun 2000 sebagai seorang magister sains (M.Si). Pada tahun 2005, Prof. Basyuni melanjutkan pendidikan S3 di Laboratory of Molecular Biotechnology, Center of Molecular Biosciences (COMB), University of the Ryukyus dan meraih gelar Ph.D di United Graduate School of Agricultural Sciences, Kagoshima University pada 14 Maret 2008. Selama dua tahun (2008-2010), Prof. Basyuni menjadi Japan Society for the Promotion of Science (JSPS) Postdoctoral Fellow di bawah Host Researcher Prof. Shigeyuki Baba di Tropical Biosphere Research Center (TBRC), Universty of the Ryukyus. Kemudian selama 6 bulan (Mei-November 2010), Prof. Basyuni menjadi Foreign Visiting Reseacher pada institusi yang sama dengan host Prof. Hirosuke Oku. Pada bulan Oktober-Desember 2012, penulis mendapatkan Post-doc di COMB dengan dana dari SAME (Scheme for Academic and Mobility Exchange) dari Direktorat Pendidikan Dikti, Kemdikbud. Pada tahun 2013-2015 selama bulan Januari hingga Maret, Prof. Basyuni menjadi Visiting Researcher pada Joint Research di TBRC, University of the Ryukyus. Pada tahun 2018-2022 penulis mendapatkan international grant dari Newton Fund/DIPI/LPDP sebagai Principle Investigator Indonesia berkolaborasi dengan University of Glasgow dan Aberystwyth University, UK. kemudian pada tahun 2018 hingga 2023, beliau memperoleh JSPS Core to Core sebagai Indonesia Coordinator Project. Sejak 1 April 2020, Prof. Basyuni menjadi Guru Besar tetap atau Full Professor ilmu Bioteknologi Hutan pada Program Studi Kehutanan, Fakultas Kehutanan, USU. kemudian pada tahun 2022, penulis berperan sebagai Ketua Pusat Unggulan Iptek (PUI) Mangrove dan memperoleh recognisi sebagai PUI Nasional di Kementrian Pendidikan, Kebudayaan, Riset dan Teknologi. Pada tahun 2023 berhasil memperoleh hibah Pusat Kolaborasi Riset (PKR) Ekologi Mangrove bekerjasama dengan Pusat Riset Ekologi dan Etnobiologi BRIN dan masuk shortlist 12 proposal yang diajukan Pemerintah Indonesia dalam pendanaan SATREPS 2023. selain itu, beliau juga tertarik meneliti restorasi mangrove, blue carbon, DNA barcode dan eDNA meta barcoding pada mangrove dan organismenya.

Publications

2026

Jurnal internasional bereputasi

Genetic Reference Gaps Limit eDNA Metabarcoding and Biodiversity Monitoring of Tropical Mangrove Ecosystems

MOHAMMAD BASYUNI , Tadashi Kajita , Venus Leopardas , Earl Kevin T. Cooper

2026

Jurnal internasional bereputasi

ANEMONE Global's First eDNA-Based Assessment: Insights Toward a Standardized Global Monitoring Network

MOHAMMAD BASYUNI , Imane Sioud , Yuki Minegeshi , Tadashi Kajita , Oliver Berry , Jean Fall , Venus Leopardas , Alison KS Wee , Michio Kondoh

2026

Jurnal internasional

i-Mangrove Blue Carbon Dashboard A mangrove-based climate solutions mapping tool to support high-integrity blue actions

2026

Jurnal internasional

i-Mangrove Blue Carbon Dashboard A mangrove-based climate solutions mapping tool to support high-integrity blue actions

MOHAMMAD BASYUNI , Rudhi Pribadi , Sigit Sasmito , Catherine Lovelock

2026

Jurnal internasional bereputasi

Mapping Aboveground Carbon in Rehabilitated Mangrove: Evaluating the Performance of Regression Modelling with Satellite-Derived Vegetation Indices and Kriging Interpolation

ELHAM SUMARGA , TATI SURYATI SYAMSUDIN , SITI HALIMAH LAREKENG , MOHAMMAD BASYUNI

2025

Jurnal internasional bereputasi

Hydrological restoration of abandoned aquaculture ponds in North Kalimantan, Indonesia

MOHAMMAD BASYUNI , RAHMAN ABDEL ROUF , A. AZNAN AZNAWI , ALFIAN MUBARAQ , RIZKA AMELIA

2025

Prosiding seminar internasional

Identification of heavy metal resistance genes using bioinformatics in mangrove sediment bacteria

MOHAMMAD BASYUNI , T SABRINA , MARIANI BR SEMBIRING

2025

Prosiding seminar internasional

Preface

MOHAMMAD BASYUNI , IWAN RISNASARI

2025

Jurnal internasional bereputasi

Diversity of invasive alien plants in the Universitas Sumatera Utara Arboretum, Deli Serdang, Indonesia

ANDRY ADMAJA TARIGAN , GEORGE NATHANIEL , Shigeyuki Baba , MOHAMMAD BASYUNI

2025

Jurnal internasional bereputasi

Spatiotemporal assessment of human and climate pressures on blue carbon ecosystems in Asia Pacific

MOHAMMAD BASYUNI , ANJAR DIMARA SAKTI , Anindya Wirasatriya , PRAMADITYA WICAKSONO , TANIA SEPTI ANGGRAINI

2025

Jurnal nasional

Pemberdayaan Masyarakat Desa Perlis, Brandan Barat, Langkat melalui Kegiatan Pemulihan Mangrove dan Penyediaan Air Bersih

ORANG KAYA HASNANDA SYAHPUTRA , MOHAMMAD BASYUNI

2025

Jurnal internasional bereputasi

Polyisoprenoid-based chemotaxonomy and cluster analysis of mangrove reproductive tissues from North Sumatra, Indonesia

Shigeyuki Baba , MOHAMMAD BASYUNI

2025

Jurnal internasional bereputasi

Management recommendations for invasive alien plants in a university arboretum of North Sumatra, Indonesia

MOHAMMAD BASYUNI , SURATNI AFRIANTI , AGNES JOSEPHINE AYUNINGTYAS , Shigeyuki Baba

2025

Jurnal nasional

Community Empowerment of Perlis Village, West Brandan, Langkat through Mangrove Restoration and Clean Water Supply Activities: Pemberdayaan

Masyarakat Desa Perlis, BrandanÂ ...

NURDIN SULISTIYONO , MOHAMMAD BASYUNI

2025

Jurnal internasional bereputasi

Management recommendations for invasive alien plants in a university arboretum of North Sumatra, Indonesia

MOHAMMAD BASYUNI , SURATNI AFRIANTI , AGNES JOSEPHINE AYUNINGTYAS , Shigeyuki Baba

2025

Jurnal internasional bereputasi

Combination of Organic, Chemical and Biological Fertilizers to Accelerate Mangrove Growth on The East Coast of Sumatra, Indonesia

BUDI UTOMO , YUNASFI , ANITA ZAITUNAH , AFIFUDDIN DALIMUNTHE , MOHAMMAD BASYUNI

2025

Jurnal nasional terakreditasi

Sustainable management of mangrove forest in Indonesia: Practical and Islamic perspectives

MOHAMMAD BASYUNI , A. AZNAN AZNAWI

2025

Jurnal internasional bereputasi

Deciphering anti-colorectal cancer potential of Avicennia alba bioactives via network pharmacology and in vitro validation

LALU MUHAMMAD IRHAM , MAYA SARI MUTIA , Hayssam M Ali , DIDI NURHADI ILLIAN , MOHAMMAD BASYUNI

2025

Prosiding seminar internasional

Response of Rhizophora apiculata Seed Growth to Application of Various Types of Fertilizer in Lubuk Kertang Village, Pangkalan Brandan Barat, North Sumatra

YUNASFI , MOHAMMAD BASYUNI

2025

Jurnal internasional bereputasi

Extraction and Use of Humic Acid from Invasive Alien Plant Species Originating from Toba Lake and Forest Areas for Sustainable Plant Growth and Reducing the Level of Water Pollution in Lake Toba, Indonesia

BUDI UTOMO , SAMSURI , MOHAMMAD BASYUNI

2025

Jurnal internasional bereputasi

Community Participation in Mangrove Conservation andEcosystem Assessment in Tanjung Rejo, Indonesia

YUNASFI , MOHAMMAD BASYUNI

2025

Jurnal internasional bereputasi

Quorum sensing inhibitory potential and molecular docking study of lipid extract from Xylocarpus granatum leaves against Pseudomonas aeruginosa

MASFRIA , SUMARDI , MOHAMMAD BASYUNI

2025

Jurnal internasional bereputasi

High-resolution Unmanned Aerial Vehicles (UAV) imagery for estimating above and below-ground biomass in mangroves of Rembang, Central Java, Indonesia

Anindya Wirasatriya , MOHAMMAD BASYUNI , Rudhi Pribadi , ERIZAL MUKHTAR

2025

Jurnal internasional bereputasi

High-resolution Unmanned Aerial Vehicles (UAV) imagery for estimating above and below-ground biomass in mangroves of Rembang, Central Java, Indonesia

2025

Jurnal internasional bereputasi

Ecological features of mangroves as indicators of seawater intrusion

MOHAMMAD BASYUNI , ALFIAN MUBARAQ , Debra Stokes

2025

Jurnal internasional bereputasi

Agro-histological performances and seed production of barnyardgrass (Echinochloa crus-galli) to 2,4-D dimethylamine in lowland rice fields

MOHAMMAD BASYUNI , ALRIDIWIRSAH , NOVILDA ELIZABETH MUSTAMU , Dr. Koko Tampubolon, S.P., M.Agr.

2025

Jurnal internasional bereputasi

Morphological and molecular monitoring of fishes in the waters of mangrove eco-systems

ERWIN RIYANTO ARDLI , MOHAMMAD BASYUNI

2025

Book chapter internasional

Natural Resources, Environment and Food, and Energy Security Update in North Sumatra

ETTI SARTINA SIREGAR , MOHAMMAD BASYUNI

2025

Jurnal nasional

Tantangan Global dalam Menghadapi Perubahan Iklim dan Masa Depan Berkelanjutan dengan Rehabilitasi mangrove Di Desa Bagan Kuala, Serdang Bedagai

AHMAD BAIQUNI RANGKUTI , MOHAMMAD BASYUNI

2025

Jurnal nasional

Tantangan Global dalam Menghadapi Perubahan Iklim dan Masa Depan Berkelanjutan dengan Rehabilitasi mangrove Di Desa Bagan Kuala, Serdang Bedagai

AMEILIA ZULIYANTI SIREGAR , MEUTIA NAULY , MOHAMMAD BASYUNI

2025

Book chapter internasional

Natural Resources, Environment and Food, and Energy Security Update in North Sumatra

ETTI SARTINA SIREGAR , MOHAMMAD BASYUNI

2025

Jurnal internasional bereputasi

Effect of Silviculture Technique on Mangrove Rehabilitation Growth in Pasar Rawa and Pangkalan Batu Village, North Sumatra, Indonesia

BUDI UTOMO , YUNASFI , AFIFUDDIN DALIMUNTHER , MOHAMMAD BASYUNI , SRI WILARSO BUDI R

2025

Jurnal nasional

The Empowerment and Independence of Assisted Village, Bagan Kuala Through Various Community Services on Ecotourism, Ecoprint Development, Waste Management, and Malaria

AHMAD BAIQUNI RANGKUTI , MOHAMMAD BASYUNI

2025

Jurnal internasional bereputasi

The Impact of Road Opening on Vegetation Damage in the Bukit Barisan Forest Park Protected Forest in Indonesia

BUDI UTOMO , YUNASFI , AFIFUDDIN DALIMUNTHER , MOHAMMAD BASYUNI

2025

Prosiding seminar internasional

**Applied of bioinformatics in drug discovery and drug development:
bioinformatic analysis 19962024**

MOHAMMAD BASYUNI , LALU MUHAMMAD IRHAM , WIRAWAN ADIKUSUMA

2024

Jurnal internasional bereputasi

**Spatial analysis of mangrove ecosystem dynamics in Banyuwangi: a
geographically weighted regression approach**

MOHAMMAD BASYUNI , LILIK BUDI PRASETYO , CECEP KUSMANA

2024

Jurnal nasional

**Pemberdayaan dan kemandirian Desa Binaan Bagan Kuala, Kabupaten
Serdang Bedagai melalui inisiatif pengabdian masyarakat yang berfokus pada
ekowisata dan pengembangan produkÂ ...**

AHMAD BAIQUNI RANGKUTI , MOHAMMAD BASYUNI

2024

Prosiding seminar internasional

**Rehabilitation of mangrove ecosystems on the Eastern Coast of North
Sumatera**

MOHAMMAD BASYUNI

2024

Jurnal internasional bereputasi

**Impact of Opening Forest Tourism on Vegetation Rejuvenation in Bukit
Barisan Forest Park, Indonesia**

BUDI UTOMO , AFIFUDDIN DALIMUNTHE , SAMSURI , YUNASFI , MOHAMMAD BASYUNI

2024

Jurnal internasional bereputasi

**Improving soil carbon estimates of Philippine mangroves using localized
organic matter to organic carbon equations**

Severino Salmo III , Sean Paul B. Manalo , Richard MacKenzie , MOHAMMAD BASYUNI

2024

Jurnal internasional bereputasi

Quantification of ecosystem services from mangrove silvofishery

SITI HALIMAH LAREKENG , ELHAM SUMARGA , MOHAMMAD BASYUNI

2024

Prosiding seminar internasional

**Spatial analysis of land cover changes in mangrove and peatland forests in
North Sumatra, Indonesia**

MOHAMMAD BASYUNI

2024

Jurnal internasional bereputasi

**Estimation of mangrove carbon stocks using unmanned aerial vehicle over
coastal vegetation**

MUNAJAT NURSAPUTRA , MUH. FAISAL M. , SITI HALIMAH LAREKENG , ELHAM SUMARGA , MOHAMMAD BASYUNI

2023

Jurnal internasional bereputasi

**Aboveground biomass and carbon stock estimation using UAV
photogrammetry in Indonesian mangroves and other competing land uses**

MOHAMMAD BASYUNI , SYAIFUL EDDY

2023

Jurnal internasional bereputasi

Preliminary Identification of Local Maize Under Drought Stress By PEG-6000

NOVILDA ELIZABETH MUSTAMU , ALRIDIWIRSAH , MOHAMMAD BASYUNI , Dr. Koko Tampubolon, S.P., M.Agr.

2023

Prosiding seminar internasional

SPAD Total Chlorophyll as an Initial Indicator of the Effect of 2,4-D Dimethyl

Amine Herbicide for Lowland Rice and Barnyardgrass Weed

NOVILDA ELIZABETH MUSTAMU , ALRIDIWIRSAH , MOHAMMAD BASYUNI

2023

Jurnal internasional bereputasi

Drought stress induced by polyethylene glycol (PEG) in local maize at the early seedling stage

Duraïd K.A. AL-Taey , Mohammad Mehdizadeh , NOVILDA ELIZABETH MUSTAMU , ALRIDIWIRSAH , MOHAMMAD BASYUNI

2023

Jurnal internasional bereputasi

The Cluster of Local Maize Accessions Based on Seed Characteristics from North Sumatra

ALRIDIWIRSAH , NOVILDA ELIZABETH MUSTAMU , MOHAMMAD BASYUNI

2023

Jurnal internasional bereputasi

The Similarity of Barnyardgrass Weed in Lowland Rice Fields Based on Seed Characteristics

MOHAMMAD BASYUNI

2023

Jurnal internasional bereputasi

Prospects and challenges of environmental DNA (eDNA) metabarcoding in mangrove restoration in Southeast Asia

MOHAMMAD BASYUNI

2023

Jurnal internasional bereputasi

Challenges and opportunities for achieving Sustainable Development Goals through restoration of Indonesia's mangroves

MOHAMMAD BASYUNI

2022

Prosiding seminar internasional

eDNA envisaged conservation of IUCN threatened taxa of the tropical mangrove ecosystems

MOHAMMAD BASYUNI

2022

Prosiding seminar internasional

Preface

MOHAMMAD BASYUNI

2022

Jurnal internasional bereputasi

In silico approach: Prediction of ADMET, molecular docking, and QSPR of secondary metabolites in Mangroves

MOHAMMAD BASYUNI

2022

Jurnal internasional bereputasi

Macrozoobenthic community assemblage as key indicator for mangrove restoration success in North Sumatra and Aceh, Indonesia

MOHAMMAD BASYUNI

2022

Jurnal internasional bereputasi

Maintaining Carbon Storage Does Not Reduce Fish Production from Mangrove-Fish Pond System: A Case Study in Coastal Area of Subang District, West Java, Indonesia

MOHAMMAD BASYUNI

2022

Book chapter internasional

Mangroves: Biodiversity, Livelihoods and Conservation

2022

Jurnal internasional bereputasi

GLYCOSYLATED FLAVONOID COMPOUND FROM COCOA PARASITE LEAVES (Dendrophthoe pentandra (L.) Mig.)

LAMEK MARPAUNG , MOHAMMAD BASYUNI , HELMINA BR SEMBIRING

2021

Jurnal internasional bereputasi

Morphological Characters of Local Origin Durian (Durio zibethinus Murr.) Fruits and Seeds from Central Tapanuli Regency, North Sumatra, Indonesia

MOHAMMAD BASYUNI , DIANA SOFIA HANAFIAH , ELISA JULIANTI

2019

Jurnal internasional bereputasi

Salinity and subsequent freshwater influences on the growth, biomass, and polyisoprenoids distributi

MOHAMMAD BASYUNI , Hirosuke Oku , Hiroshi Sagami

2018

Jurnal internasional

Seedling Growth In Response To Seedling Growth Response Ofcocoa Cocoa (Theobroma Cacao L.) For For The Provision Ofguano Fertilizer And Mycorrhizal Organicfertilizer In TheÂ ...

DAFNI MAWAR TARIGAN , SRI UTAMI , MOHAMMAD BASYUNI , AISAR NOVITA , HUSNI AULIA SIREGAR

2017

Jurnal internasional bereputasi

Salinity Alters the Polyisoprenoid Alcohol Content and Composition of Both Salt-Secreting and Non

Hiroshi Sagami , Hirosuke Oku , MOHAMMAD BASYUNI

2017

Jurnal internasional bereputasi

Distribution, occurrence, and cluster analysis of new polyprenyl acetones and other polyisoprenoids

MOHAMMAD BASYUNI , Hirosuke Oku , Hiroshi Sagami

2016

Jurnal internasional bereputasi

Diversity of polyisoprenoids in ten Okinawan mangroves

Hiroshi Sagami , Hirosuke Oku , MOHAMMAD BASYUNI

2014

Buku lainnya

Melalui Penelitian BPK Aek Nauli Siap mendukung Pembangunan Hutan

KANSIH SRI HARTINI , ARIDA SUSILOWATI , LUKMAN HAKIM , TITO SUCIPTO , RAHMAWATY , MOHAMMAD BASYUNI , AGUS PURWOKO , SITI LATIFAH , SAMSURI , RUDI HARTONO , PINDI PATANA

2012

Jurnal internasional bereputasi

Salinity increases the triterpenoid content of a salt secretor and a non-salt secretor mangrove

Hirosuke Oku , MOHAMMAD BASYUNI

Researches

2025

Penelitian Hibah Bersaing

Penerapan Kombinasi Bakteri Endogen dan Bio-Charcoal pada Sistem Raton Sorgum Manis di Tanah Salin

MOHAMMAD BASYUNI , RINI SULISTIANI , ANGGRIA LESTAMI , DAFNI MAWAR TARIGAN , WAN ARFIANI BARUS , FAHMI PRAYOGA NASUTION , DIMAS ADITIA , AISYAH RANGKUTI

2025
Penelitian Kerjasama Antar Perguruan Tinggi

Report e asia

SITI HALIMAH LAREKENG , MOHAMMAD BASYUNI

2024

Pelaksanaan Program Pendaan Riset Pembanguna Berkelanjutan Skema Kerjasama Luar Negeri Batch 2 Tahun 2024

AHMAD BAIQUNI RANGKUTI , MOHAMMAD BASYUNI , ARIDA SUSILOWATI , ERWIN RIYANTO ARDLI

2024

Penelitian Hibah Bersaing

Aplikasi Formula Bakteri Endogen dengan Penambahan Bio- Charcoal pada Tanaman Sorgum Manis di Tanah Salin

MOHAMMAD BASYUNI , RINI SULISTIANI , DAFNI MAWAR TARIGAN , WAN ARFIANI BARUS , MHD TRI ALVIN NAZRI ,
RAIHAN PRANANDA , Sutomo

2023

Penelitian Hibah Bersaing

Identifikasi dan Pengelolaan Resisten Gulma Jajagoan (*Echinochloa crus-galli*) pada Pertanaman Padi Sawah sebagai Upaya Ketahanan dan Keamanan Pangan

ALRIDIWIRSAH , MOHAMMAD BASYUNI , Dr. Koko Tampubolon, S.P., M.Agr.

2023

Kerjasama Luar Negeri dan Publikasi Internasional

Application of eDNA metabarcoding in faunal biodiversity assessment of Indo-Pacific mangroves vulnerable to climate change

MOHAMMAD BASYUNI , ERWIN RIYANTO ARDLI

2022

Penelitian Unggulan Perguruan Tinggi

Keragaman Mikrobioma Kemenyan Toba (*Styrax sumatrana*) dan Peranannya dalam Mekanisme Pertahanan Pohon

MOHAMMAD BASYUNI , DENI ELFIATI , ARIDA SUSILOWATI

2022

Penelitian Hibah Bersaing

Identifikasi dan Pengelolaan Resisten Gulma Jajagoan (*Echinochloa crus-galli*) pada Pertanaman Padi Sawah sebagai Upaya Ketahanan dan Keamanan Pangan

ALRIDIWIRSAH , MOHAMMAD BASYUNI , Dr. Koko Tampubolon, S.P., M.Agr.

2021

Penelitian Unggulan Perguruan Tinggi

Effectiveness and Efficacy of Vaccine on Mutated SARS-CoV-2 Virus and Post Vaccination Surveillance: A Narrative Review

MOHAMMAD BASYUNI , ARIDA SUSILOWATI , IPANNA ENGGAR SUSETYA

2018

Kerjasama Luar Negeri dan Publikasi Internasional

Molecular Cloning, Characterization And Expression of Polyisoprenoid Synthase Genes From Indonesian and Okinawan Mangrove Forest

MOHAMMAD BASYUNI , NURDIN SULISTIYONO

2017

Kerjasama Luar Negeri dan Publikasi Internasional

Molecular Cloning, Characterization And Expression of Polyisoprenoid Synthase Genes From Indonesian and Okinawan Mangrove Forest

MOHAMMAD BASYUNI , NURDIN SULISTIYONO

Community Services

2025

Pengayaan Tanaman Mangrove dan Penguatan Pola Silvofishery untuk Mendukung Kesejahteraan Masyarakat dan Pencapaian SDGs di Desa Pasar Rawa

MOHAMMAD BASYUNI , NURDIN SULISTIYONO

2025

MANGROVE PLANTATION FOR THE CONSERVATION OF BIODIVERSITY AND ENVIRONMENTAL SUSTAINABILITY

MOHAMMAD BASYUNI , NELLY ANNA

2024

Ipteks Bagi Masyarakat

INTERNATIONAL COMMUNITY SERVICE PUSAT UNGGULAN ILMU PENGETAHUAN, TEKNOLOGI, DAN SAIN (IPTEK) PERGURUAN TINGGI (PUI-PT) MANGROVE TAHUN 2024

MOHAMMAD BASYUNI , ARIDA SUSILOWATI

2024

Ipteks Bagi Masyarakat

Penanaman vegetasi mangrove dalam upaya pencegahan abrasi di Pantai Mangrove Nagalawan

APRI HERI ISWANTO , MOHAMMAD BASYUNI , DENI ELFIATI , IWAN RISNASARI , TITO SUCIPTO , BUDI UTOMO , EVALINA HERAWATI , ARIF NURYAWAN , AFIFUDDIN DALIMUNTHE , LUTHFI HAKIM , RIDWANTI BATUBARA , YUNASFI , HARISYAH MANURUNG , RUDI HARTONO , NELLY ANNA

2024

Kegiatan Produktif Pemberantasan Penyakit Malaria di Desa Bagan Kuala, Kabupaten Serdang Bedagai

MOHAMMAD BASYUNI , ORANG KAYA HASNANDA SYAHPUTRA

2023

Ipteks Bagi Masyarakat

“International Community Service for Conservation and Mangrove Ecosystem Service, Collaboration With Pusat Unggulan IPTEK PUI Mangrove (Center of Excellence for Mangrove) USU Faculty of Forestry Universitas Sumatera Utara (USU) PUI Neuromarketing AND PUI Diabetic Care & Tech Universitas Prima Indonesia (UNPRI

MOHAMMAD BASYUNI , ARIDA SUSILOWATI

2023

Ipteks

Tim Pelaksana International Community Service Pusat Unggulan Ilmu Pengetahuan, Teknologi, dan SAIN (IPTEK) Perguruan Tinggi (PUI-PT) Mangrove Tahun 2023

MOHAMMAD BASYUNI , ORANG KAYA HASNANDA SYAHPUTRA

2023

Kegiatan Program Desa Binaan di Desa Bagan Kuala Kecamatan Tanjung Beringin Kabupaten Serdang Bedagai

MOHAMMAD BASYUNI , IWAN RISNASARI

2023

Ipteks Bagi Masyarakat

KEGIATAN PROGRAM DESA BINAAN DI DESA BAGAN KUALA KECAMATAN TANJUNG BERINGIN KABUPATEN SERDANG BEDAGAI

MOHAMMAD BASYUNI , YUNASFI

2023

Penelitian Dana Lokal Perguruan Tinggi

International Community Service for Conservation and Mangrove Ecosystem Service, Collaboration with Pusat Unggulan IPTEK PUI Mangrove (Center of Excellence for Mangrove) USU Faculty of Forestry Universitas Sumatera Utara (USU) PUI Neuromarketing and PUI Diabetic Care and Tech Universitas Prima

Indonesia

AHMAD BAIQUNI RANGKUTI , MOHAMMAD BASYUNI

2020

Pembibitan dan Restorasi Mangrove di Desa Lubuk Kertang Kecamatan Brandan Barat, Kabupaten Langkat, Sumatera Utara

AHMAD BAIQUNI RANGKUTI , MOHAMMAD BASYUNI , MOEHAR MARAGHIY HARAHAP , YUNASFI

2014

Penelitian Kompetensi

Keanekaragaman dan Fungsi Fisiologi Rantai Panjang Polyisoprenoid di Hutan Mangr

2014

Ipteks Bagi Masyarakat

IbM Teknologi Pemeliharaan Tanaman Mangrove Program Rehabilitasi

2013

Ipteks Bagi Masyarakat

IbM Aplikasi Teknologi Pembibitan Mangrove untuk Program Rehabilitasi

2012

Penelitian Fundamental

Karakterisasi Molekuler dan Analisis Keragaman Genetik Plasma Nutfah Aren (Areng

2013

Penelitian Fundamental

Investigasi Kandungan Isoprenoid dan Karakter Morfologi Spesies Mangrove Sekresi

Intellectual Property Rights

2023

Karya desain

Analisa Ekosistem Mangrove untuk Mendukung Ekowisata Mangrove di Kabupaten Bangkalan

ACHMAD FACHRUDDIN SYAH , MOHAMMAD BASYUNI

2023

Paten nasional

Metode aplikasi ekstrak daun gulma Diplazium esculentum dan Rivina humilis sebagai anti jamur Ganoderma boninense pada kelapa sawit

LISNAWITA , EDISON PURBA , MOHAMMAD BASYUNI , WISMAROH SANNIWATI BR SARAGIH

2023

Paten nasional

METODE MENGEKSTRAKSI DAUN PIDADA (Sonneratia caseolaris) UNTUK MENGHASILKAN SENYAWA DERIVATIF POLIPRENIL ASETON

MOHAMMAD BASYUNI

2023

Paten nasional

METODE MENGEKSTRAKSI DAUN PIDADA (Sonneratia caseolaris) UNTUK MENGHASILKAN SENYAWA DERIVATIF POLIPRENIL ASETON

MOHAMMAD BASYUNI

2020

Paten nasional

METODE PENGIDENTIFIKASI JENIS BUAH KELAPA SAWIT MELALU I SENYAWA POLIISOPREN O I D YANG D IEKSTRAK DARI DAUN KELAPA SAWIT

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