Prof. Dr. Arida Susilowati, S.Hut., M.Si

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Arida Susilowati, born in Pekalongan on January 13, 1980, is the third of six children. She began her higher education by obtaining a Bachelor of Forestry (S.Hut) degree in 2003 after completing her undergraduate studies (1998-2003). In 2006, he continued his Master's studies at the Forestry Science Study Program, Faculty of Forestry, IPB, and successfully obtained a Master of Science degree (M.Si) in 2008. Her doctoral studies were taken in the period 2009-2013 at the Tropical Silviculture Study Program, Department of Silviculture, Faculty of Forestry IPB.

During her education, Arida received a number of scholarships, including an achievement scholarship from Korindo (for the undergraduate program), Postgraduate Education Scholarship (BPPS) from the Ministry of Education and Culture of the Republic of Indonesia (for the master program), and Ph.D Research Grant from SEAMEO BIOTROP (for the doctoral program).

In 2004, she began working as a lecturer and researcher at Kopertis Wilayah I North Sumatra, and since 2014 joined the Faculty of Forestry, Universitas Sumatera Utara (USU) with a main focus on forest cultivation. During her career as a lecturer, Arida has been active in various Three Pillars of Higher Education activities, which include education, research, and community service. Currently, she serves as Secretary of the Forestry Study Program, Faculty of Forestry USU (2021-2026 period).

Her areas of expertise include forest cultivation, forest genetics, tree physiology, and tree breeding. This expertise has been realized through various research works, publications, patents, books, and dissemination of research results at national and international seminars. Some of the awards that have been achieved include the Short Stay Program from Hokkaido University (2012), Satyalancana Karya Satya X from the President of the Republic of Indonesia (2019), and the USU Outstanding Lecturer award (2019).

Arida is also active in a number of scientific and professional organizations, including the Indonesian Silviculture Society (MASSI), Indonesian Arboriculture Society (MARi), Indonesian Biodiversity Society (MBI), E-DNA Society, Indonesian Plant Red List Authority (IPRLA), Indonesian Mangrove Society (IMS), and Indonesian Lecturers Association.

Publications

2026
Prosiding seminar internasional

Leaf Fall Disease in Rubber Plantations: Climate-Driven Pathogen Proliferation and Regional Impacts in Southeast Asia

ARIDA SUSILOWATI , Margaretta Christita

2026
Jurnal internasional bereputasi

Optimizing Cetyltrimethylammonium Bromide (CTAB) DNA Extraction Protocol of Dipterocarpaceae Wood Tissues to Support Population Origin Verification in Global Timber Trade

ARIDA SUSILOWATI

2026
Jurnal internasional bereputasi

Biocontrol potential of Trichoderma asperellum in suppressing Fusarium sp. EF4, the causal agent of Vanilla Wilt

ARIDA SUSILOWATI

2026
Jurnal internasional bereputasi

Diversity and Morphology of Local Durian (Durio spp.) in the Region of KPHP IX Panyabungan, Mandailing Natal Regency, North Sumatra, Indonesia

RIDAHATI RAMBEY , ARIDA SUSILOWATI

2026
Jurnal internasional bereputasi

Exploring endophytic fungal diversity in Dipterocarpus species (Dipterocarpaceae) from Indonesian forests

ARIDA SUSILOWATI

2026
Jurnal internasional bereputasi

Reduction of Hexavalent Chromium by Stenotrophomonas and Bacillus

ARIDA SUSILOWATI , Margaretta Christita

2026
Jurnal internasional bereputasi

Verifying Identification of Raru Trees (Dipterocarpaceae) from North Sumatra Using Molecular Evidence from the Plastid trnL-trnF Sequences

ARIDA SUSILOWATI

2026
Jurnal nasional

Sifat Tanah dan Pola Curah Hujan pada Perkebunan Kayu Manis (Cinnamomum burmannii) di Mandailing Natal, Sumatera Utara: Soil Properties and Rainfall Regimes in Cinnamon (Cinnamomum burmannii) Plantations in Mandailing Natal, North Sumatra

ARIDA SUSILOWATI

2026
Jurnal nasional terakreditasi

SOIL PROPERTIES AND RAINFALL REGIMES IN CINNAMON (Cinnamomum burmannii) PLANTATIONS IN MANDAILING NATAL, NORTH SUMATRA

NELLY ANNA , FAUJIAH NURHASANAH RITONGA , ARIDA SUSILOWATI , DEANOVA FRESTIANA BR PELAWI , KANSIH SRI HARTINI , DENI ELFIATI , ANDI TRI LESTARI

2026
Jurnal internasional bereputasi

Diversity of Understory Plant Species and Their Invasiveness Potential in Man-Made Dipterocarp Forest: A Case Study from Indonesia

ARIDA SUSILOWATI

2026
Jurnal internasional bereputasi

Diversity and Morphology of Local Durian (Durio spp.) in the Region of KPHP IX Panyabungan, Mandailing Natal Regency, North Sumatra, Indonesia

ARIDA SUSILOWATI

2025
Prosiding seminar internasional

Identification of phosphate solubilizing fungi in the rhizosphere of three dominant plant species in the Arboretum Universitas Sumatera Utara

DENI ELFIATI , ARIDA SUSILOWATI

2025
Prosiding seminar internasional

Functional EST-SSR marker development from tip shoot transcriptome of Bambusa oldhamii for genetic studies and breeding

DEANOVA FRESTIANA BR PELAWI , Runxian Song , FAUJIAH NURHASANAH RITONGA , TRIATY HANDAYANI , ARIDA SUSILOWATI

2025
Prosiding seminar internasional

Diversity of Macroscopic Fungi in University Arboretum

DENI ELFIATI , ARIDA SUSILOWATI , HENTI HENDALASTUTI RACHMAT

2025
Jurnal internasional bereputasi

Effects of Tapping the Styrax paralleloneurus Tree on Indole-3-Acetic Acid Production by the Endophytic Bacterium Kocuria palustris

ARIDA SUSILOWATI , ANALEKTA TIARA PERDANA , SITI HALIMAH LAREKENG , FIRDA OKTARINA , Rumella Simarmata , Yeni Khairina , Margaretta Christita

2025
Prosiding seminar internasional

Distribution and association pattern of Dipterocarpaceae in Soraya Forest Station, Aceh-Indonesia

DENI ELFIATI , ARIDA SUSILOWATI , HENTI HENDALASTUTI RACHMAT

2025
Jurnal internasional bereputasi

Stand composition and structure of Rubroshorea curtisii in a lowland Dipterocarp remnant forest of Bukit Tiban, Riau Islands, Indonesia

DENI ELFIATI , ARIDA SUSILOWATI , NELLY ANNA , HENTI HENDALASTUTI RACHMAT , FIFI GUS DWIYANTI

2025
Jurnal internasional bereputasi

Forest Type, Bark Wounding, and Tapping: Their Combined Influence on Bacteria Biota of Styrax paralleloneurus in Natural and Community Forest

DENI ELFIATI , ARIDA SUSILOWATI

2025
Prosiding seminar internasional

Seed germination of kemenyan durame (Styrax benzoin Dryander) with various treatments of breaking dormancy

ARIDA SUSILOWATI , KANSIH SRI HARTINI

2025
Jurnal nasional

Assesstment of soil organic carbon in mangrove area, Pante Bayam- Aceh

ARIDA SUSILOWATI

2025
Jurnal nasional

Assesstment of soil organic carbon in mangrove area, Pante BayamAceh

ARIDA SUSILOWATI , MEILINDA SURIANI HAREFA

2025
Jurnal internasional bereputasi

Conserving biodiversity, carbon, and community values in a fragmented landscape

ARIDA SUSILOWATI

2025
Jurnal nasional

Macropropagation of macadamia nut (Macadamia integrifolia Maiden & Betche) through shoot cuttings

FIFI GUS DWIYANTI , HENTI HENDALASTUTI RACHMAT , ARIDA SUSILOWATI

2025
Jurnal nasional

Macropropagation of macadamia nut (Macadamia integrifolia Maiden & Betche) through shoot cuttings

ARIDA SUSILOWATI

2025
Prosiding seminar internasional

Indigenous bacterial bioremediation: Chromium-reducing capabilities of native strains from Halmahera

ARIDA SUSILOWATI , Margaretta Christita

2025
Prosiding seminar internasional

Discovering the potential of endophytic bacteria isolated from Styrax parralleloneurus as IAA production

ARIDA SUSILOWATI

2025
Jurnal nasional

Pemberdayaan dan Kemandirian Desa Binaan Bagan Kuala Melalui Berbagai Inisiatif Masyarakat yang Berfokus Pada Ekowisata, Pengembangan Ecoprint, Pengelolaan Sampah, dan Pemberantasan Malaria

ARIDA SUSILOWATI

2025
Prosiding seminar internasional

Araceae diversity in Universitas Sumatera Utara’s arboretum

DENI ELFIATI , ARIDA SUSILOWATI

2025
Prosiding seminar internasional

Universitas Sumatera Utara Arboretum of Deli Serdang, North Sumatra, Indonesia: Revealing the potency

ARIDA SUSILOWATI

2025
Buku referensi

Analisis Tutupan Lahan Pada Areal Tambang (Case Study di Areal Kerja PT. North Sumatera hydro Energy)

ARIDA SUSILOWATI , KANSIH SRI HARTINI , MA RIFATIN ZAHRAH

2025
Buku referensi

Keragaman Fauna (Satwa Liar) di Areal Tambang (Case Study di Areal Kerja PT NSHE)

KANSIH SRI HARTINI , MA RIFATIN ZAHRAH , ARIDA SUSILOWATI

2025
Buku referensi

Keragaman Flora di Areal Tambang (Case Study di Areal Kerja PT NSHE)

KANSIH SRI HARTINI , MA RIFATIN ZAHRAH , ARIDA SUSILOWATI

2025
Buku referensi

Keragaman Flora di Areal Tambang (Case Study di Areal Kerja PT NSHE)

KANSIH SRI HARTINI , MA RIFATIN ZAHRAH , ARIDA SUSILOWATI

2025
Jurnal internasional bereputasi

Morphological variation and phylogenetic position of Vatica rassak (Dipterocarpaceae) based on the trnL-trnF region

ARIDA SUSILOWATI

2025
Prosiding seminar internasional

Discovering the potential of endophytic bacteria isolated from Styrax parralleloneurus as IAA production

SITI HALIMAH LAREKENG , ARIDA SUSILOWATI

2025
Prosiding seminar internasional

Araceae diversity in Universitas Sumatera Utara's arboretum

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2024
Prosiding seminar internasional

Stand Structure and Regeneration of trees at Soraya Research Station Aceh

ARIDA SUSILOWATI , DENI ELFIATI

2024
Jurnal nasional

Pelatihan Monitoring Kesehatan Pohon: Upaya Konservasi Ruang Terbuka Hijau di Kota Pekanbaru

ARIDA SUSILOWATI

2024
Jurnal nasional

Pelatihan Monitoring Kesehatan Pohon: Upaya Konservasi Ruang Terbuka Hijau di Kota Pekanbaru

PEBRIANDI , MUHAMMAD MARDHIANSYAH , ARIDA SUSILOWATI , SONIA SOMADONA , EVI SRIBUDIANI , YOSSI OKTORINI , EWI IRFANI , VINY VOLCHERINA DARLIS

2024
Jurnal internasional bereputasi

Ecosystem red listing and identification of Mursala Island as the first important plant area in Indonesia

HENTI HENDALASTUTI RACHMAT , ARIDA SUSILOWATI

2024
Jurnal nasional

Moraceae diversity in the Universitas Sumatera Utara’s arboretum

DENI ELFIATI , ARIDA SUSILOWATI

2024
Jurnal internasional bereputasi

Ensuring Consumer Safety: Molecular Authentication of Eurycoma longifolia Derivative Products in the Wood Science and Technology Industry

ARIDA SUSILOWATI

2024
Artikel ilmiah

Density and Carbon Stock Estimation of Nypa fruticans Stand in Restoring Area Pasar Rawa, North Sumatera, Indonesia

M. TAUFIK RAHMADI , MEILINDA SURIANI HAREFA , ZULKIFLI , ARIDA SUSILOWATI

2024
Prosiding seminar internasional

Styrax sumatranus J.J.Sm endophytes fungi and its potential as phosphate solubilizing and cellulose decomposition

ARIDA SUSILOWATI , DENI ELFIATI

2024
Prosiding seminar internasional

Diversity of bivalve and gastropod species in mangrove restoration areas

ZULKIFLI , ARIDA SUSILOWATI , Meilinda S. Harefa

2024
Jurnal internasional bereputasi

Potential Use of Shorea leprosula for Rehabilitation of Degraded Tropical Production Forest Ecosystems

HENTI HENDALASTUTI RACHMAT , ARIDA SUSILOWATI

2024
Jurnal internasional bereputasi

Current biodiversity status, distribution, and prospects of seaweed in Indonesia: A systematic review

SITI HALIMAH LAREKENG , ERWIN RIYANTO ARDLI , ARIDA SUSILOWATI , MOHAMMAD BASYUNI , FIRMAN MENNE

2024
Jurnal internasional bereputasi

Genetic Structuring of the Wild Aquilaria malaccensis Population from Indonesia Inferred by trnL-trnF and trnH-psbA

ARIDA SUSILOWATI , ASEP HIDAYAT , HENTI HENDALASTUTI RACHMAT

2024
Jurnal internasional bereputasi

Optimizing DNA Extraction and Selecting Suitable Regions for Biodiversity Assessment: A Study on Shorea leprosula

FIFI GUS DWIYANTI , ISKANDAR ZULKARNAEN SIREGAR , ARIDA SUSILOWATI , HENTI HENDALASTUTI RACHMAT

2024
Jurnal internasional bereputasi

Optimizing DNA Extraction and Selecting Suitable Regions for Biodiversity Assessment: A Study on Shorea leprosula

HENTI HENDALASTUTI RACHMAT , ARIDA SUSILOWATI

2024
Jurnal internasional bereputasi

Ethnobotanical study of medicinal plants by indigenous community of Aek Guo Village, Mandailing Natal District, Indonesia

YUNUS AFIFUDDIN , ARIDA SUSILOWATI , RAHMAWATY , RIDAHATI RAMBEY

2024
Prosiding seminar internasional

Carbon stock estimation of Sonneratia alba in mangrove restoration area in Pasar Rawa, Langkat North Sumatera

ARIDA SUSILOWATI , MEILINDA SURIANI HAREFA

2024
Jurnal internasional bereputasi

Conserving dipterocarps biodiversity in remnant forests of small islands in Batam Island, Indonesia

ARIDA SUSILOWATI , HENTI HENDALASTUTI RACHMAT

2024
Jurnal nasional

Floral composition and carbon stock estimation of monospecies restoration area in Pasar Rawa, North Sumatra

ARIDA SUSILOWATI , MEILINDA SURIANI HAREFA

2024
Jurnal internasional bereputasi

Floristic Diversity of Mangrove Restoration Area: A Case Study in Pasar Rawa, North Sumatra

ARIDA SUSILOWATI , MEILINDA SURIANI HAREFA

2024
Prosiding seminar internasional

Assessing phytoremediation potentials of heavy metals on selected plants species in the restoration environments of Gold Mining Area

ARIDA SUSILOWATI

2024
Jurnal internasional bereputasi

Establishing permanent monitoring plots of narrow endemic and threatened plants of Indonesia: a case study on Dipterocarpus cinereus Slooten (Dipterocarpaceae)

ARIDA SUSILOWATI , HENTI HENDALASTUTI RACHMAT

2023
Prosiding seminar internasional

Woody species structure and regeneration status in Keruing (Dipterocarpus spp.) habitat, Tangkahan Gunung Leuser National Park

ARIDA SUSILOWATI , SITI HALIMAH LAREKENG , DENI ELFIATI

2023
Prosiding seminar internasional

Distribution and association pattern of Keruing (Dipterocarpus sp.) in Tangkahan, Gunung Leuser National Park

SITI HALIMAH LAREKENG , DENI ELFIATI , ARIDA SUSILOWATI

2023
Jurnal internasional bereputasi

Genetic variation and phylogenetic position of Taxus sumatrana (Miq.) de Laub.(Taxaceae) in Sumatra, Indonesia based on trnL-trnF region

ARIDA SUSILOWATI

2023
Jurnal internasional bereputasi

Genetic variation and phylogenetic position of Taxus sumatrana (Miq.) de Laub. (Taxaceae) in Sumatra, Indonesia based on trnL-trnF region

ARIDA SUSILOWATI , HENTI HENDALASTUTI RACHMAT

2023
Jurnal nasional

Isolation and Identification of Cellulolytic Fungi under Swietenia macrophylla, Mimusops elengi, and Polyalthia longifolia stands at the Universitas Sumatera Utara Campus, Indonesia

ARIDA SUSILOWATI , DENI ELFIATI

2023
Jurnal internasional bereputasi

Floristic composition and structure of Eurycoma longifolia habitat in Muka Kuning Nature Tourism Park, Riau Islands, Indonesia

ARIDA SUSILOWATI

2023
Prosiding seminar internasional

Mouthwash Preparation from Raru Bark Extract (Cotylelobium melanoxylon) As an Inhibitor of Streptococcus mutans and Candida albicans

EMMA ZAIDAR , SOVIA LENNY , ARIDA SUSILOWATI , MUHAMMAD ZULHAM EFENDI SINAGA , RINI HARDIYANTI

2023
Jurnal internasional bereputasi

Floristic Composition and Carbon Stock Estimation Under Restored Mangrove Area in Bagan Serdang, North Sumatra, Indonesia

MEILINDA SURIANI HAREFA , ZULKIFLI , ARIDA SUSILOWATI , Eling Tuhono

2023
Jurnal internasional bereputasi

Floristic composition and carbon stock estimation under restored mangrove area in Bagan Serdang, North Sumatra, Indonesia

ARIDA SUSILOWATI , ZULKIFLI NASUTION

2023
Jurnal internasional bereputasi

Leaf morphological traits of nine major tropical trees of Shorea species (Dipterocarpaceae)

ARIDA SUSILOWATI

2023
Jurnal internasional bereputasi

Implementation of 16S rRNA Gene for Fish and Shrimp Barcoding in Mangrove Ecosystems in North Sumatra and Aceh, Indonesia

IPANNA ENGGAR SUSETYA , ARIDA SUSILOWATI , MOHAMMAD BASYUNI

2023
Jurnal internasional bereputasi

Assessing the carrying capacity of mangroves as raw materials for culinary products: Case study in Serdang Bedagai, North Sumatra, Indonesia

ARIDA SUSILOWATI , AGUS PURWOKO

2022
Prosiding seminar internasional

Analysis of income from pine resin tapping on Forest Farmers Groups in partnership with UPT KPH Region II Pematang Siantar

ARIDA SUSILOWATI , RAHMAWATY

2022
Prosiding seminar internasional

The diversity of the Polypodiaceae in University green space

TITO SUCIPTO , ARIDA SUSILOWATI , DENI ELFIATI

2022
Buku referensi

Kemenyan: Tinjauan Silvikultur danTeknologi Hasil Hutan

JAJANG SUTIAWAN , TITO SUCIPTO , ARIDA SUSILOWATI , APRI HERI ISWANTO

2022
Jurnal internasional bereputasi

Genetic Diversity and Community Structure of Macrozoobenthos from Five Mangrove Forests in North Sumatra and Aceh, Indonesia

MOHAMMAD BASYUNI , ARIDA SUSILOWATI , DESRITA , IPANNA ENGGAR SUSETYA

2022
Prosiding seminar internasional

The diversity of the Polypodiaceae in University green space

TITO SUCIPTO , ARIDA SUSILOWATI , DENI ELFIATI

2022
Jurnal internasional bereputasi

Culturable Endophytic Fungal Assemblages from Styrax sumatrana and Styrax benzoin and Their Potential as Antifungal, Antioxidant, and Alpha-Glucosidase Inhibitory Resources

ARIDA SUSILOWATI , DENI ELFIATI

2022
Jurnal internasional bereputasi

Challenges and Strategies for Sustainable Mangrove Management in Indonesia: A Review

ARIDA SUSILOWATI

2022
Jurnal internasional bereputasi

Molecular identification of Eurycoma longifolia Jack from Sumatra, Indonesia using trnL-F region

ARIDA SUSILOWATI

2021
Artikel ilmiah

Distribution and association pattern of pasak bumi (Eurycoma longifolia) in Batang Lubu Sutam District, Padang Lawas, North Sumatra

ARIDA SUSILOWATI

2021
Artikel ilmiah

Framework application of e-DNA metabarcoding as a variable to evaluate mangrove ecosystem

ARIDA SUSILOWATI

2021
Artikel ilmiah

Particleboard from kemenyan wood and belangke bamboo: Effect of particle pre-treatment in acidic solution

ARIDA SUSILOWATI

2021
Artikel ilmiah

Conservation and sustainable utilization of tropical trees from North Sumatra, Indonesia

ARIDA SUSILOWATI

2021
Artikel ilmiah

Diversity of endophytic fungal species from Styrax benzoin found in benzoin-producing locations in North Sumatra

ARIDA SUSILOWATI

2021
Artikel ilmiah

Characterization of phosphate solubilizing and cellulolytic fungi isolated from soil under Eurycoma longifolia stands

ARIDA SUSILOWATI

2021
Artikel ilmiah

Tree biodiversity in USU green space: Exotic plant and its risk to native species

ARIDA SUSILOWATI

2021
Artikel ilmiah

Green open space analysis in West Binjai, North Sumatra

ARIDA SUSILOWATI

2021
Prosiding seminar internasional

Tree biodiversity in USU green space: Exotic plant and its risk to native species

ARIDA SUSILOWATI , SITI HALIMAH LAREKENG

2021
Jurnal internasional bereputasi

Generating Multifunctional Landscape through Reforestation with Native Trees in the Tropical Region: A Case Study of Gunung Dahu Research Forest, Bogor, Indonesia

ARIDA SUSILOWATI

2021
Jurnal internasional bereputasi

Bioactive composition, antifungal, antioxidant, and anticancer potential of agarwood essential oil from decaying logs (Gyrinops spp.) of Papua Island (Indonesia)

ARIDA SUSILOWATI

2021
Jurnal nasional terakreditasi

Morphological diversity of mindi (Melia azedarach) from agroforestry system in North Sumatra, Indonesia

ARIDA SUSILOWATI

2021
Jurnal nasional terakreditasi

DNA Barcoding of Rattan (Arecaceae) From Gunung Walat Education Forest, Sukabumi-West Java

ARIDA SUSILOWATI

2021
Artikel ilmiah

The damage profile of kerai payung (Filicium desipiens) in University of Sumatera Utara green space based on Forest Health Monitoring (FHM) method

ARIDA SUSILOWATI

2021
Jurnal internasional bereputasi

(1) Managing and Reforesting Degraded Post-Mining Landscape in Indonesia: A Review. Land 2021, 10, 658. https://10.3390/land10060658

ARIDA SUSILOWATI

2021
Artikel ilmiah

Isolation of endophytic fungi from Styrax sumatrana tree from Humbang Hasundutan, North Sumatra

ARIDA SUSILOWATI

2021
Artikel ilmiah

DNA isolation and amplification of Dryobalanops oblongifolia DREY and Dryobalanops lanceolata BURCK

ARIDA SUSILOWATI

2021
Artikel ilmiah

Ex-situ conservation effort for Dipterocarpus spp through the seedling collection and nursery management

ARIDA SUSILOWATI

2021
Artikel ilmiah

Spatial model of deforestation using Geographic Information System (GIS) and logistic regression in Besitang forest

ARIDA SUSILOWATI

2021
Artikel ilmiah

Potential phosphate solubilizing bacteria from the rhizosphere of Cotylelobium melanoxylon tree

ARIDA SUSILOWATI

2021
Artikel ilmiah

Valuation of a man-made dipterocarp forest as seed source for Shorea red meranti (Dipterocarpaceae)

ARIDA SUSILOWATI

2021
Artikel ilmiah

DNA isolation and amplification of raru leaf (Cotylelobium melanoxylon Pierre and Cotylelobium lanceolatum Craib)

ARIDA SUSILOWATI

2021
Artikel ilmiah

Natural regeneration potential of red meranti (Shorea leprosula Miq.) in 20-years-old man-made hilly dipterocarp forest

ARIDA SUSILOWATI

Researches

2026

Sustainable Silvofishery and Blue Carbon (SBC): Case study

MOHAMMAD BASYUNI , BEJO SLAMET , ARIDA SUSILOWATI , FAUJIAH NURHASANAH RITONGA , ETTI SARTINA SIREGAR , Severino Salmo III

2025

KARAKTERISTIK MORFOLOGI DAN RESPON PERTUMBUHAN POPULASI BIJI DAN ANAKAN KAYU MANIS (Cinnamomum burmanni (Nees & T. Nees) Blume) DI SUMATERA UTARA

ARIDA SUSILOWATI

2025

KARAKTERISTIK MORFOLOGI DAN RESPON PERTUMBUHAN POPULASI BIJI DAN ANAKAN KAYU MANIS (Cinnamomum burmanni (Nees & T. Nees) Blume) DI SUMATERA UTARA

ARIDA SUSILOWATI , FAUJIAH NURHASANAH RITONGA , DEANOVA FRESTIANA BR PELAWI

2024

STRUKTUR GENETIK DAN SEJARAH DEMOGRAFI Shorea curtisii (DIPTEROCAKARPA) DI SUMATERA BERDASARKAN PENANDA DNA KLOROPLAS

FIFI GUS DWIYANTI , DENI ELFIATI , ARIDA SUSILOWATI

2024

Biodiversity Baseline Study at NSHE Area

KANSIH SRI HARTINI , MA RIFATIN ZAHRAH , ARIDA SUSILOWATI

2024

Remnant Forest sebagai Kawasan Pelestarian Biodiversitas pada Bentang Antropogenik Sumatera Untuk Mendukung Resiliensi Ekosistem]

ARIDA SUSILOWATI , NELLY ANNA

2024

STRUKTUR GENETIK DAN SEJARAH DEMOGRAFI Shorea curtisii (DIPTEROCAKARPA) DI SUMATERA BERDASARKAN PENANDA DNA KLOROPLAS

ARIDA SUSILOWATI , NELLY ANNA

2023
Penelitian Fundamental

Remnan Forest Sebagai Kawasan Pelestarian Biodiversitas Pada Bentang Antropogenik Sumatera Untuk Mendukung Resiliensi Ekosistem

DENI ELFIATI , ARIDA SUSILOWATI

2022
Penelitian Unggulan Perguruan Tinggi

DNA Barcoding Untuk Lacak Balak dan Autentifi kasi Produk Turunan Pasak Bumi (Eurycoma longifolia Jack)

ARIDA SUSILOWATI , HENTI HENDALASTUTI RACHMAT

2022
Penelitian Unggulan Perguruan Tinggi

Elusidasi Senyawa Aktif Sebagai Agen Antioksidan, Antifungal dan Antidiabetes dari Fungi Endofitik Keruing (Dipterocarpus spp)

DENI ELFIATI , ARIDA SUSILOWATI , ASEP HIDAYAT

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 Unggulan Perguruan Tinggi

Karakterisasi dan peningkatan senyawa aktif fungi endofit kelompok kayu kemenyan (Styrax spp)

DENI ELFIATI , ARIDA SUSILOWATI

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
Penelitian Unggulan Perguruan Tinggi

KARAKTERISASI EKOLOGI, MORFOGENETIK DAN KIMIA RARU (Cotylelobium melanoxylon) ASAL SUMATERA UTARA DAN POTENSI PEMANFAATANNYA UNTUK OBAT-OBATAN

DENI ELFIATI , ARIDA SUSILOWATI , MUHAMMAD ZULHAM EFENDI SINAGA

2016

DNA Barcoding Kemenyan Sebagai Upaya Identifikasi dan Konservasi Jenis Lokal Sumatera Utara

KANSIH SRI HARTINI , ARIDA SUSILOWATI

Community Services

2026

PENANAMAN JENIS POHON ASLI TOBA SEBAGAI UPAYA PELESTARIAN KEANEKARAGAMAN HAYATI DALAM RANGKA MEMPERINGATI HARI LINGKUNGAN HIDUP SEDUNIA

RIDAHATI RAMBEY , DENI ELFIATI , ARIDA SUSILOWATI , NURDIN SULISTIYONO , TITO SUCIPTO , FAUJIAH NURHASANAH RITONGA , EVALINA HERAWATI , RUDI HARTONO , 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

Kegiatan Pengolahan Sampah Tepat Guna pada Kawasan Mangrove Desa Bagan Kuala Kabupaten Serdang Bedagai,

MOHAMMAD BASYUNI , AMEILIA ZULIYANTI SIREGAR , KIKING RITARWAN , IWAN RISNASARI , ARIDA SUSILOWATI

2024
Ipteks

Penanaman Vegetasi Mangrove Dalam Upaya Pencegahan Abrasi di Pantai Mangrove Nagalawan,

ARIDA SUSILOWATI , NELLY ANNA

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

2022
Ipteks

Inovasi Produk Hasil Hutan Bukan Kayu Dari Hutan Mangrove Oleh Kelompok Perempuan Desa Tanjung Rejo, Percut Sei Tuan, Sumatera Utara

RIDAHATI RAMBEY , DENI ELFIATI , ARIDA SUSILOWATI , DESRITA

2020

EDUKASI WISATA MANGROVE DAN PRODUK PERAIRAN

ARIDA SUSILOWATI , ASTRID FAUZIA DEWINTA , IPANNA ENGGAR SUSETYA , DESRITA

Intellectual Property Rights

2023
Paten nasional

FORMULASI PELET PEREDUKSI KONTAMINAN KROMIUM PADA TANAH

ARIDA SUSILOWATI , SITI HALIMAH LAREKENG

2023
Paten nasional

FORMULASI AGEN BIOKONTROL PENYAKIT BUSUK BATANG PADA TANAMAN VANILI BERBASIS JAMUR Trichoderma asperellum DAN PROSES PEMBUATANNYA

ARIDA SUSILOWATI , SITI HALIMAH LAREKENG

2023
Paten nasional

FFORMULASI PUPUK ORGANIK BERBAHAN DASAR LIMBAH BAGLOG DARI BUDIDAYA JAMUR TIRAM

ARIDA SUSILOWATI

2021
Paten nasional

Ekstrak Air Kulit Raru (Cotylelobium melanoxylon) Yang memiliki aktifitas antibakteri terhadap streptococus mutan

ARIDA SUSILOWATI , SOVIA LENNY , MUHAMMAD ZULHAM EFENDI SINAGA