Dr. Ridwanti Batubara, S.Hut., MP.

Lecturer of Bachelor Degree of Forestry Study Program Study Program
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Dr. Ridwanti Batubara, S.Hut., M.P. is one of the lecturers at the Faculty of Forestry, Universitas Sumatera Utara. Since 2001 until now, she has been actively engaged in various activities related to the Three Pillars of Higher Education, including Education, Research, and Community Service. Known affectionately as Bu Wanti, she was born on February 15, 1976. As a researcher in the field of forest product chemistry, she teaches several courses in the Forest Product Technology specialization, part of the USU Undergraduate Program in Forestry.

She completed her undergraduate education at Bogor Agricultural University (IPB) and graduated in 1996 with a Bachelor's in Forestry (S.Hut). Subsequently, she pursued her Master's degree at Mulawarman University, graduating in 2006 with a Master's in Agriculture (M.P). Her doctoral education (S3) took place at Universitas Sumatera Utara.

Dr. Ridwanti Batubara has authored various scientific works that have been published in reputable journals and proceedings, contributing to the advancement of forest product knowledge. Her research and development activities in the field of forest product chemistry, as well as her community service initiatives, have been ongoing and impactful in various regions of North Sumatra.

Publications

2026
Prosiding seminar internasional

Agarwood leaf tea bags with flavors: Ginger and lemongrass

RIDWANTI BATUBARA , ERNA RUSLIANA MUHAMAD SALEH , ODING AFFANDI , T ISMANELLY HANUM

2026
Jurnal internasional bereputasi

The Effect of Solvent Polarity and Extraction Time on The Antioxidant of Aquilaria malaccensis Leaves

IMAM BAGUS SUMANTRI , RIDWANTI BATUBARA , LIA LAILA , LOLYTA FITRI MUSTANTI , Awaluddin Saragih , Nelly Murni , Intan Baruna , Devi Riati , SRI YULIASMI , HENNY SRI WAHYUNI

2025
Prosiding seminar internasional

Pemanfaatan Jaring Perangkap Sampah di Pantai Merdeka, Bagan Kuala, Sumatera Utara

NELLY ANNA , AMEILIA ZULIYANTI SIREGAR , MOHAMMAD BASYUNI , NETTI HERLINA , DELVIAN , RIDWANTI BATUBARA , MASITTA TANJUNG , DIANA SOFIA HANAFIAH

2025
Prosiding seminar internasional

Phytochemical contents, tannin and proximate in jeruju leaf tea bags with flavor addition

RIDWANTI BATUBARA , ODING AFFANDI , Ina Winarni

2025
Jurnal nasional terakreditasi

PENDAMPINGAN PENGELOLAAN EKOWISATA BERBASIS AREN DI DESA RUMAH SUMBUL, KECAMATAN SIBOLANGIT, KABUPATEN DELI SERDANG

RIDWANTI BATUBARA

2025
Jurnal nasional terakreditasi

Pendampingan Pengelolaan Ekowisata Berbasis Aren di Desa Rumah Sumbul, Kecamatan Sibolangit, Kabupaten Deli Serdang

LUTHFI HAKIM , RIDWANTI BATUBARA

2025
Jurnal internasional bereputasi

Proximate and phytochemical analysis of Acanthus ilicifolius hot water extract from three different growing locations

RIDWANTI BATUBARA , T ISMANELLY HANUM , ODING AFFANDI , MIMI NURMINAH , SALEHA HANNUM , AFIFUDDIN DALIMUNTHE , Ina Winarni

2025
Jurnal nasional terakreditasi

Edukasi Tentang Rehabilitasi Hutan Mangrove Lubuk Kertang Pasca Illegal Logging dan Pemberdayaan Kelompok Tani Hutan

RIDWANTI BATUBARA , AFIFUDDIN DALIMUNTHE , SALEHA HANNUM , ODING AFFANDI

2025
Jurnal nasional terakreditasi

Edukasi Tentang Rehabilitasi Hutan Mangrove Lubuk Kertang Pasca Illegal Logging dan Pemberdayaan Kelompok Tani Hutan

ODING AFFANDI , RIDWANTI BATUBARA , AFIFUDDIN DALIMUNTHE , SALEHA HANNUM

2025
Jurnal internasional bereputasi

Charcoal Briquette Manufactured from Indonesian Sugar Palm Bunches (Arenga longipes Mogea) as Biomass-Based New Renewable Energy

LUTHFI HAKIM , APRI HERI ISWANTO , RIDWANTI BATUBARA , ADAM JAGWANI WIRAWAN , Yunida Syafriani Lubis

2025
Artikel ilmiah

Pemanfaatan Jaring Perangkap Sampah di Pantai Merdeka,Bagan Kuala, Sumatera Utara

RIDWANTI BATUBARA

2025
Prosiding seminar internasional

Productivity of Aren (Arenga longipes Mogea) in Rumah Sumbul Village, Sibolangit District, Deli Serdang Regency

HARISYAH MANURUNG , RIDWANTI BATUBARA

2025
Prosiding seminar internasional

The Influence of Cinnamon Powder from Cinnamomum burmannii bark on quality and storage period of liquid sugar palm (Arenga longipes Mogea)

LUTHFI HAKIM , RIDWANTI BATUBARA , HARISYAH MANURUNG

2025
Jurnal nasional

Exploration of medicinal plant in Telaga Village Langkat District Sumatera Utara Province, Indonesia

RIDWANTI BATUBARA

2025
Jurnal nasional terakreditasi

EDUKASI PENGEMBANGAN TANAMAN BUAH DALAM POT DI KELURAHAN GEDUNG JOHOR, MEDAN

RIDWANTI BATUBARA , BEJO SLAMET , ODING AFFANDI

2024
Prosiding seminar internasional

Marketing of eco-friendly purun handicraft in two purun craftsman centre villages in North Sumatra

ODING AFFANDI , IWAN RISNASARI , HARISYAH MANURUNG , RIDWANTI BATUBARA

2024
Jurnal nasional terakreditasi

Pengolahan sampah tepat guna pada kawasan mangrove di desa Bagan Kuala kabupaten Serdang Bedagai

RIDWANTI BATUBARA

2024
Jurnal nasional terakreditasi

Edukasi Teknologi Pengolahan dan Produk Turunan Dari Aren Berupa Gula Semut Aren Untuk Masyarakat

SURI FADHILLA , ODING AFFANDI , ADE SRI ROHANI , LUTHFI HAKIM , HARISYAH MANURUNG , RIDWANTI BATUBARA , NOVRIDA HARPAH HASIBUAN , SYAFRIZAL HELMI SITUMORANG , TARMIDI , SALEHA HANNUM

2024
Jurnal nasional

Anatomical characteristic and fiber morphology of fibrovascular bundle of Indonesian nipa (Nypa fruticans) frond

RIDWANTI BATUBARA

2024
Jurnal nasional

Evaluating land suitability for kemiri (Aleurites moluccana) as a multi-purpose tree species in community agroforestry land within Langkat District, North Sumatra

RIDWANTI BATUBARA

2024
Jurnal nasional terakreditasi

Anatomical characteristic and fiber morphology of fibrovascular bundle of Indonesian nipa (Nypa fruticans) frond

LUTHFI HAKIM , RIDWANTI BATUBARA

2024
Jurnal nasional terakreditasi

Edukasi Teknologi Pengolahan dan Produk Turunan dari Aren Berupa Gula Semut Aren untuk Masyarakat

LUTHFI HAKIM , RIDWANTI BATUBARA

2024
Jurnal nasional terakreditasi

Edukasi, Pelatihan Teknologi Pengolahan, dan Pengembangan Produk Olahan Purun di Desa Mekar Jaya, Kecamatan Wampu, Kabupaten Langkat

LUTHFI HAKIM , RIDWANTI BATUBARA , ODING AFFANDI

2024
Prosiding seminar internasional

Community perceptions of the importance of land use types in Bukit Barisan Forest Park area

RIDWANTI BATUBARA , ODING AFFANDI

2024
Jurnal nasional terakreditasi

Pelatihan Pembuatan Produk Dari Bawang Merah Dengan Kelompok Ibu-Ibu Ceria di Desa Simangulampe

RIDWANTI BATUBARA

2024
Jurnal internasional bereputasi

The potential for the cultivation of Styrax benzoin based on land suitability evaluation in Pakpak Bharat District, Indonesia

RIDWANTI BATUBARA

2024
Jurnal nasional terakreditasi

Pengaruh Green Place Dan Green Promotion Terhadap Keputusan Pembelian

Produk Wikstea Pada Mahasiswa Fakultas Kehutanan Universitas Sumatera Utara

RIDWANTI BATUBARA

2024
Jurnal nasional terakreditasi

Pelatihan Packaging Teh Herbal dari Bahan Alam Desa Namo Sialang Kabupaten Langkat Sumatera Utara

BAYU PRATOMO , ELISA JULIANTI , LAURA JUITA PINEM , JULAILI IRNI , RIDWANTI BATUBARA , AMEILIA ZULIYANTI SIREGAR

2024
Jurnal internasional bereputasi

Characterization of Indonesian Sugar Palm Bunch (Arenga longipes Mogea) Properties for Various Utilization Purposes

RIDWANTI BATUBARA , APRI HERI ISWANTO , EVALINA HERAWATI , LUTHFI HAKIM

2023
Jurnal internasional bereputasi

Longitudinal and Radial Variability of Anatomical Properties, Fiber Morphology, and Mechanical Properties of Fibrovascular Bundle from Indonesian Arenga Longipes Mogea. Sp. NovÂ ...

RIDWANTI BATUBARA

2023
Jurnal internasional bereputasi

Land characteristics and land suitability assessment for Styrax sp. in Humbang Hasundutan Regency, North Sumatra, Indonesia

RIDWANTI BATUBARA

2023
Prosiding seminar internasional

Consumers’ preference for jeruju leaves tea with innovative variants of ginger, jasmine, and lemongrass flavors

RIDWANTI BATUBARA

2023
Jurnal internasional bereputasi

Longitudinal and Radial Variability of Anatomical Properties, Fiber Morphology, and Mechanical Properties of Fibrovascular Bundle from Indonesian Arenga Longipes Mogea. Sp. Nov Frond

LUTHFI HAKIM , HARISYAH MANURUNG , RIDWANTI BATUBARA , VICKY WARNANDA SILITONGA

2023
Prosiding seminar internasional

Antioxidant activity of gaharu (Aquilaria malaccensis Lamk.) leaves tea in ready-to-drink packages base on storage time

RIDWANTI BATUBARA , T ISMANELLY HANUM , IMAM BAGUS SUMANTRI

2023
Prosiding seminar internasional

Antioxidant activity of gaharu (Aquilaria malaccensis Lamk.) leaves tea in ready-to-drink packages base on storage time

RIDWANTI BATUBARA

2023
Prosiding seminar internasional

Consumers' Preference for Jeruju Leaves Tea with Innovative Variants of Ginger, Jasmine, and Lemongrass Flavors

ODING AFFANDI , T ISMANELLY HANUM , RIDWANTI BATUBARA

2023
Jurnal nasional terakreditasi

Pelatihan Pembuatan Produk Kerajinan Berbahan Cabang Kayu Mangrove

RIDWANTI BATUBARA

2022
Jurnal internasional bereputasi

The antioxidant activities and chemical compounds of Aquilaria crassna, Aquilaria microcarpa, and Gyrinops versteegii leaves growing in Langkat, North Sumatra, Indonesia

RIDWANTI BATUBARA , T ISMANELLY HANUM , ELISA JULIANTI

2022
Prosiding seminar internasional

Antioxidants and chemical compounds of hot water extract agarwood leaves Wikstroemia tenuiramis Miq

RIDWANTI BATUBARA

2022
Prosiding seminar internasional

Analytical hierarchy process (ahp) application in the selection of plant types on the community's agroforestry land

RIDWANTI BATUBARA

2022
Jurnal nasional terakreditasi

PELATIHAN PEMBUATAN CENDERAMATA BERBAHAN LIMBAH KAYU DARI PANTAI ALAM SERDANG, DESA RUGEMUK

RIDWANTI BATUBARA , ODING AFFANDI

2022
Prosiding seminar internasional

Analytical hierarchy process (AHP) application in the selection of plant types on the community's agroforestry land

ABDUL RAUF , RAHMAWATY , RIDWANTI BATUBARA

2021
Prosiding seminar internasional

Characteristics of forage garden vegetation of the Sumatran elephant (Elephas maximus sumatranus) in Medan Zoo

MA RIFATIN ZAHRAH , RIDWANTI BATUBARA

2021
Prosiding seminar internasional

Phytochemicals and GC-MS of Aquilaria beccariana van Tiegh leaves growing naturally and cultivated in North Sumatera

T ISMANELLY HANUM , RIDWANTI BATUBARA , ODING AFFANDI

2021
Prosiding seminar internasional

GC-MS analysis of young and mature wild agarwood leaves (Aquilaria malaccensis Lamk) and its antioxidant potential

RIDWANTI BATUBARA , ODING AFFANDI , T ISMANELLY HANUM

2021
Prosiding seminar internasional

Chemical content and fiber dimension of agarwood branches (Aquilaria malaccensis Lamk)

RIDWANTI BATUBARA

2021
Prosiding seminar internasional

Land suitability assesment for Coffea arabica on the land overgrowed by Uncaria gambir

ABDUL RAUF , RIDWANTI BATUBARA , RAHMAWATY

2021
Prosiding seminar internasional

Chemical Compounds and Antioxidant Potential in Hot Water Extract of Cultivated Agarwood (Aquilaria malaccensis) Lamk Leaves

RIDWANTI BATUBARA

2021
Prosiding seminar internasional

The limiting factor of land suitability for development of gambir cultivation (case-study in Sari Laba Jahe Village Deli Serdang North-Sumatra)

ABDUL RAUF , RIDWANTI BATUBARA , RAHMAWATY

2021
Prosiding seminar internasional

Preparation and phytochemical characterisation of antioxidant active ethanol extract of agarwood (Aquilaria malaccensis Lamk) leaf (EEAL) using liquid chromatography-massÃ‚Â ...

RIDWANTI BATUBARA

2021
Prosiding seminar internasional

Chemical content analysis of agarwood (Aquilaria malaccensis Lamk) twigs

RIDWANTI BATUBARA

2021
Prosiding seminar internasional

Land Suitability for kemenyan cultivation in Sari Laba Jahe Village, Sibiru-biru Sub-district, Deli Serdang District, North Sumatra Province

ABDUL RAUF , RAHMAWATY , RIDWANTI BATUBARA

2021
Prosiding seminar internasional

Taking essential oil by water distillation and antibacterial activity test of refined water from agarwood plant parts (Aquilaria malaccensis Lamk)

RIDWANTI BATUBARA

2021
Prosiding seminar internasional

Integrated GIS and GPS for mapping of land suitability for multy purpose tree species (Persea americana) at community agroforestry land in Peria-ria Village. IOP ConferenceÂ ...

RIDWANTI BATUBARA

2021
Jurnal nasional

Edukasi Kandungan Kimia Purun Danau Bahan Kerajinan di Desa Lubuk Kertang

RIDWANTI BATUBARA

2021
Jurnal internasional bereputasi

Bioactive compounds of ethanol extract from agarwood leaves (Aquilaria malaccensis) and antimicrobial activity against bacteria and fungi growing on the skin

RIDWANTI BATUBARA , AMIR HAMZAH SIREGAR , URIP HARAHAP , TAMRIN

2021
Prosiding seminar internasional

Preparation and phytochemical characterisation of antioxidant active ethanol extract of agarwood (Aquilaria malaccensis Lamk) leaf (EEAL) using liquid chromatography-massÂ ...

RIDWANTI BATUBARA

2021
Jurnal internasional bereputasi

Phytochemical screening and py-gc-ms analysis of agarwood leaves (Aquilaria malaccensis lamk.) cultivated in bahorok, langkat regency, North Sumatra, Indonesia

RIDWANTI BATUBARA

2020

Jurnal internasional bereputasi

Chemical compounds contained in young and mature leaves of agarwood species Wikstroemia tenuiramis and its antioxidant properties

ODING AFFANDI , RIDWANTI BATUBARA , HENNY SRI WAHYUNI , T ISMANELLY HANUM

2020
Jurnal internasional bereputasi

Land suitability assessment for Lansium domesticum cultivation on agroforestry land using matching method and geographic information system

RIDWANTI BATUBARA

2020
Prosiding seminar internasional

Safety of Gaharu Tea (Aquilaria Malaccensis Lamk) from Induction Tree Through 28 Days Ora l Subchronic Toxicity Test

RIDWANTI BATUBARA

2020
Prosiding seminar internasional

GIS based: mapping of multy purpose tree species (Durio zibethinus) in Perkebunan Tambunan Village, Langkat District, North Sumatra Province, Indonesia. IOP Conf. Series: EarthÂ ...

RIDWANTI BATUBARA

2020
Prosiding seminar internasional

Application of geographic information system for mapping of Hevea brasiliensis and Aquilaria malaccensis land suitability at Simpang Kuta Buluh. IOP Conf. Series: Earth andÂ ...

RIDWANTI BATUBARA

2020
Jurnal nasional terakreditasi

Mapping of land suitability for rambutan (Nephelium lappaceum) as one of multy purpose tree species in community agroforestry land at Gunung Ambat Village and Simpang KutaÂ ...

RIDWANTI BATUBARA

2020
Jurnal nasional terakreditasi

Mapping of land suitability for rambutan (Nephelium lappaceum) in community agroforestry land at Gunung Ambat Village and Simpang Kuta Buluh Village

RIDWANTI BATUBARA

2019
Jurnal internasional bereputasi

Safety test of agarwood leaves tea (Aquilaria malaccencis lamk.) through skin sensitization test on Albino Rabbit

RIDWANTI BATUBARA

2019
Jurnal internasional bereputasi

Use of Geographic Information System for mapping of Aquilaria malaccensis land suitability in North Sumatra, Indonesia

RIDWANTI BATUBARA

2019
Prosiding seminar internasional

Phytochemical and antioxidant activity of gaharu leaf tea (Aquilaria malaccensis Lamk) as raw material of tea from middle Tapanuli Regency, North SumateraÂ ...

RIDWANTI BATUBARA

2019
Prosiding seminar internasional

SAFETY OF GAHARU TEA (Aquilaria malaccensis Lamk) FROM INDUCTION TREE THROUGH 28 DAYS ORAL SUBCHRONIC TOXICITY TEST

RIDWANTI BATUBARA

2018
Prosiding seminar internasional

Surjanto. 2018. Phytochemical and tannin content in two species of agarwood leaves from Mandailing Natal Regency North Sumatera Province

RIDWANTI BATUBARA

2018
Prosiding seminar internasional

Mapping of Tree Damage Classification in the Western Part of Medan City, Green Belts Using Geographic Information System IOP Conference Series: Earth and Environmental ScienceÂ ...

RIDWANTI BATUBARA

2017
Prosiding seminar nasional

Kelayakan daun gaharu endemik Sumatera (Wikstroemia tenuiramis Miq) sebagai bahan baku teh gaharu yang kaya antioksidan

RIDWANTI BATUBARA

2017
Jurnal nasional terakreditasi

Jenis-jenis Hasil Hutan dan Nilai Ekonomi yang Berasal dari Praktek Agroforestri di Sekitar Taman Wisata Alam Sibolangit

RIDWANTI BATUBARA

2016
Jurnal nasional

Control of S. litura F Pests on Deli Tobacco Plants (Nicotiana tabaccum) with Natural Pesticides from Melia azedarach Bark Extract

RIDWANTI BATUBARA

2016
Jurnal nasional

Pegendalian Hama Ulat Grayak (Spedoptera litura) Pada Tanaman Tembakau Deli (Nicotiana tabaccum) Dengan Pestisida Nabati Dari Kulit Kayu Mindi (Melia azedarach)

RIDWANTI BATUBARA

2026
Jurnal nasional terakreditasi

Edukasi, Pelatihan Teknologi Pengolahan, dan Pengembangan Produk Olahan Purun di Desa Mekar Jaya, Kecamatan Wampu, Kabupaten Langkat: Education, Processing Technology TrainingÂ …

RIDWANTI BATUBARA

2026
Prosiding seminar nasional

Kelayakan daun gaharu endemik Sumatera (Wikstroemia tenuiramis Miq) sebagai bahan baku teh gaharu yang kaya antioksidan

RIDWANTI BATUBARA

2026
Jurnal nasional terakreditasi

Mapping of land suitability for rambutan (Nephelium lappaceum) as one of multy purpose tree species in community agroforestry land at Gunung Ambat Village and Simpang KutaÂ …

RIDWANTI BATUBARA

2026
Prosiding seminar nasional

Pemanfaatan Jaring Perangkap Sampah di Pantai Merdeka, Bagan Kuala,

Sumatera Utara

RIDWANTI BATUBARA

2026

Jurnal nasional

Pegendalian Hama Ulat Grayak (Spedoptera litura) Pada Tanaman Tembakau Deli (Nicotiana tabaccum) Dengan Pestisida Nabati Dari Kulit Kayu Mindi (Melia azedarach)

RIDWANTI BATUBARA

2026

Jurnal nasional terakreditasi

Mapping of land suitability for rambutan (Nephelium lappaceum) as one of multy purpose tree species in community agroforestry land at Gunung Ambat Village and Simpang KutaÂ …

RIDWANTI BATUBARA

Researches

2026

Ipteks

PEMANFAATAN DAUN DAN RANTING KAYU KAPUR BERBASIS PENGETAHUAN LOKAL

T ISMANELLY HANUM , RIDWANTI BATUBARA , ODING AFFANDI , Ina Winarni

2025

Ipteks

INOVASI PRODUK PERMEN VARIAN WARNA BERBAHAN JERUJU DAN BUNGA TELANG YANG DIPERKAYA DENGAN MADU

RIDWANTI BATUBARA , HARISYAH MANURUNG , ODING AFFANDI , Ina Winarni

2024

Penelitian Unggulan Perguruan Tinggi

STRATEGI KELEMBAGAAN PENGELOLAAN PERHUTANAN SOSIAL DALAM MENDUKUNG KINERJA PEMULIHAN EKOSISTEM MANGROVE DI KABUPATEN LANGKAT

RIDWANTI BATUBARA , ODING AFFANDI , Nienik Sri Suharti , Irma Yenny

2024

Penelitian Fundamental

Karakteristik Dasar Tandan Kosong Kolang Kaling (Arenga longipes Mogea sp.nov) Sebagai Bahan Baku Energi Biomassa

APRI HERI ISWANTO , LUTHFI HAKIM , RIDWANTI BATUBARA

2023

Penelitian Dana Lokal Perguruan Tinggi

PENGEMBANGAN PRODUK BERBAHAN PURUN DAN SERAT PURUN DALAM UPAYA MENDUKUNG PEREKONOMIAN MASYARAKAT DAN PELESTARIAN PURUN SEBAGAI KEARIFAN LOKAL PADA LAHAN GAMBUT

IWAN RISNASARI , RIDWANTI BATUBARA , HARISYAH MANURUNG

2023

Penelitian Talenta USU

RIDWANTI BATUBARA , HARISYAH MANURUNG

2023

Ipteks

Inovasi Pengembangan Produk Berbahan Ekstrak Daun Gaharu

T ISMANELLY HANUM , ERNA RUSLIANA MUHAMAD SALEH , RIDWANTI BATUBARA

2022

Karakteristik Fibrovacular Bundle Pelepah Aren (Arenga pinnata Merr.)

Sebagai bahan baku komposit

LUTHFI HAKIM , RIDWANTI BATUBARA , HARISYAH MANURUNG

2021

KAJIAN PENGEMBANGAN PRODUK TEH DAUN JERUJU (Acanthus ilicifolius) DAN STABILITAS PENYIMPANANNYA

RIDWANTI BATUBARA

2021

Penelitian Disertasi Doktor

Penyiapan Ekstrak Antimikroba dari Daun Gaharu (Aquilaria malaccensis Lamk) dan Pembuatan Karboksimetilselulosa (KMS) serta Nanokristalselulosa (NKS) dari Ranting Batangnya untuk Sediaan Pembalut Luka Terinkorporasi dalam Matriks Hidrogel KMS/NKS/Polivinilalkohol/Asamsitrat

RIDWANTI BATUBARA

2019

PRODUKSI SIMPLISIA DAN EKSTRAK DAUN GAHARU SEBAGAI BAHAN BAKU SUPLEMEN ANTIOKSIDAN

SRI YULIASMI , IMAM BAGUS SUMANTRI , LIA LAILA , HENNY SRI WAHYUNI , RIDWANTI BATUBARA , AWALUDDIN SARAGIH

2019

Penelitian Unggulan Perguruan Tinggi

Eksplorasi Gaharu di Sumatera Utara dan Kajian Potensinya Sebagai Bahan Baku Teh Gaharu Yang Kaya Antioksidan"

SURJANTO , T ISMANELLY HANUM , RIDWANTI BATUBARA

2017

Penelitian Dana Lokal Perguruan Tinggi

KAJIAN POTENSI DAN KELAYAKAN DAUN GAHARU JENIS ENDEMIK SUMATERA (Wikstroemia tenuiramis Miq) SEBAGAI BAHAN BAKU TEH GAHARU YANG KAYA ANTIOKSIDAN

SURJANTO , T ISMANELLY HANUM , RIDWANTI BATUBARA

Community Services

2026

Ipteks Bagi Masyarakat

PROGRAM PENGEMBANGAN LINGKUNGAN, EKONOMI, DAN KESEHATAN MENTAL YANG BERKELANJUTAN BAGI MASYARAKAT BELAWAN PULAU SICANANG DENGAN METODE PARTISIPASI TAHUN KE-3

RIDWANTI BATUBARA , MEUTIA NAULY

2026

Ipteks Bagi Masyarakat

Model Pendampingan Berkelanjutan Pascabencana Hidrometeorologi Melalui Integrasi UMKM Dan Penataan Lingkungan Untuk Mewujudkan Desa Tangguh Bencana Di Desa Muara Huta Raja, Kecamatan Muara Batang Toru, Kabupaten Tapanuli Selatan

VITA CITA EMIA TARIGAN , AGUS MARWAN , RIDWANTI BATUBARA , ODING AFFANDI , MAHNUM LAILAN NASUTION

2025

“Mitigasi Dan Adaptasi Bencana Hidrometeorologi Desa Simangulampe, Kecamatan Baktiraja Kabupaten Humbang Hasundutan”

RIKA ENDAH NURHIDAYAH , NURSA'ADAH , FARIDA LINDA SARI SIREGAR , TITO SUCIPTO , MUHAMMAD SAFRI LUBIS , RIDWANTI BATUBARA , CHOLINA TRISA SIREGAR , ERNIYATI , ODING AFFANDI

2024

Ipteks Bagi Masyarakat

Rehabilitasi Hutan Mangrove Lubuk Kertang Pasca Illegal Logging Dan Pemberdayaan Kelompok Tani Hutan

AFIFUDDIN DALIMUNTHE , RIDWANTI BATUBARA , SALEHA HANNUM

2024

Pemberdayaan Ekonomi Masyarakat Melalui Rintisan Usaha Berbasis Potensi Lokal Pasca Bencana Hidrometeorologi di Desa Simangulampe, Kecamatan Baktiraja, Kabupaten Humbang Hasundutan

RIDWANTI BATUBARA

2023
Ipteks

Pengembangan Tanaman Buah Dalam Pot (Tabulampot) Dalam Menciptakan Lingkungan Yang Hijau Dan Meningkatkan Pendapatan Masyarakat Di Lingkungan IV Kelurahan Gedung Johor, Medan

BEJO SLAMET , RIDWANTI BATUBARA , ODING AFFANDI

2023

Pengembangan Usaha Purun Di Desa Mekar Jaya,Kecamatan Wampu Kabupaten Langkat”

LUTHFI HAKIM , RIDWANTI BATUBARA , SALEHA HANNUM , ODING AFFANDI

2022

Teknologi Pengolahan dan Pengembangan Produk Olahan Purun Bagi Masyarakat Desa Mekar Jaya, Kecamatan Wampu, Langkat

LUTHFI HAKIM , RIDWANTI BATUBARA , ODING AFFANDI

2020
Ipteks Bagi Wilayah Antara PT-CSR / PT-PEMDA-CSR

PENINGKATAN TATA KELOLA DESTINASI PARIWISATA DAN PELATIHAN ECO-PRINT UNTUK KESIAPAN DESA RUGEMUK MENUJU DESA WISATA DI KABUPATEN DELI SERDANG

SOLAHUDDIN NASUTION , RIDWANTI BATUBARA , ARWINA SUFIKA

2019
Ipteks Bagi Masyarakat

TEKNOLOGI PENYULINGAN MINYAK GAHARU UNTUK MASYARAKAT PETANI GAHARU DI KECAMATAN BAHOROK

MIMI NURMINAH , T ISMANELLY HANUM , RIDWANTI BATUBARA

2018
Ipteks Bagi Masyarakat

PENGOLAHAN TEH GAHARU BERSAMA MASYARAKAT DI KABUPATEN LANGKAT

IWAN RISNASARI , T ISMANELLY HANUM , RIDWANTI BATUBARA

2024

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

AMEILIA ZULIYANTI SIREGAR , RIDWANTI BATUBARA

Intellectual Property Rights

2026
Paten nasional

proses memperpanjang umur simpan gula aren cair (Arenga longipes MOGEA, SP.Nov) dengan penambahan ekstrak daun jambu biji (Psidium guajava L.)

HARISYAH MANURUNG , RIDWANTI BATUBARA

2023
Hak cipta nasional

Pengembangan Agroforestri Sebagai Ketahanan Pangan Dan Pengembangan Ekowisata

JULAILI IRNI , LAURA JUITA PINEM , RIDWANTI BATUBARA , AMEILIA ZULIYANTI SIREGAR , BAYU PRATOMO , ELISA

JULIANTI

2021
Paten nasional

Teh Celup Daun Jeruju dengan Perasa Alami

RIDWANTI BATUBARA

2021
Paten nasional

Teh Gaharu Wikstroemia tenuiramis Miq Yang Kaya Antioksidan dan Lama Masa Simpan

RIDWANTI BATUBARA , T ISMANELLY HANUM