Prof. Dr. Delvian, SP., MP.

Dosen Program Studi S2 Pengelolaan Sumber Daya Alam dan Lingkungan
Sekolah Pascasarjana
Universitas Sumatera Utara

delvian@usu.ac.id

sps.usu.ac.id/id/dosen/drs-delvian

Publications

2026
Jurnal internasional bereputasi

Habitat assessment of mangrove planting on coral rubble coasts caused by earthquake

ZULKIFLI , DELVIAN

2026
Jurnal internasional bereputasi

Evolution and global trends in nature-based solutions for eco-city planning: a bibliometric analysis (2005–2025)

RAHMAWATY , ABDUL RAUF , ISNEN FITRI , DELVIAN

2025
Artikel ilmiah

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
Jurnal nasional terakreditasi

ANALYSIS OF SOCIAL FORESTRY BUSINESS MANAGEMENT IN FOREST MANAGEMENT UNIT (FMU) REGION I STABAT LANGKAT REGENCY

ODING AFFANDI , DELVIAN

2025
Prosiding seminar internasional

Society Perception and Participation in Mangrove Ecotourism in Pasar Rawa Village, Gebang District, Langkat Regency

HESTI WAHYUNINGSIH , DELVIAN

2025
Prosiding seminar internasional

The implications of land use and land cover changes on the natural environment in North Sumatra

DELVIAN

2025
Jurnal internasional

Analysis of Human Resource Behavior in Solid Medical Waste Management: Case Study FromRegional Public Hospitals Drs. H. Amri Tambunan Deli Serdang, Indonesia

DELVIAN , SRI MALEM INDIRAWATI

2025
Prosiding seminar nasional

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

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

DELVIAN

2024
Jurnal nasional terakreditasi

ANALISIS PENDAPATAN USAHATANI TANAMAN HORTIKULTURA DI FOOD ESTATE HUMBANG HASUNDUTAN

DELVIAN , ABDUL RAUF

2024
Jurnal nasional terakreditasi

Membangun Sistem Partisipatif Pengendalian Perilaku-Nyampah Pengunjung Taman Wisata

DELVIAN , FIKARWIN , AGUSTRISNO , ZULKIFLI

2024
Jurnal nasional

Evaluating Fisheries Livelihoods: Socio-Economic Dimensions and Management Challenges

HESTI WAHYUNINGSIH , DELVIAN

2023
Prosiding seminar internasional

Potential analysis of Nipa Palm (Nypa Fruticans) in Singkil

TAVI SUPRIANA , ELISA JULIANTI , DELVIAN

2022
Prosiding seminar internasional

Potential analysis of Nipa Palm (Nypa Fruticans) in Singkil

DELVIAN , TAVI SUPRIANA , ELISA JULIANTI

2022
Jurnal nasional terakreditasi

VEGETATION ANALYSIS OF MOUNT SIPISO-PISO FOREST AREA, MEREK DISTRICT, KARO REGENCY, NORTH SUMATRA

DELVIAN , T ALIEF ATHTHORICK

2022
Jurnal internasional

Vegetation and Species Diversity in a Mountain Region of Sipiso-piso, North Sumatra

DELVIAN , T ALIEF ATHTHORICK

2022
Jurnal internasional bereputasi

Short Communication: Occurrence of arbuscular mycorrhizal fungi associated with Casuarina equisetifolia in saline sandy environment, North Sumatra, Indonesia

DELVIAN

2022
Jurnal internasional bereputasi

Occurrence of arbuscular mycorrhizal fungi associated with Casuarina equisetifolia in saline sandy environment, North Sumatra, Indonesia

DELVIAN

2022
Jurnal internasional bereputasi

Occurrence of arbuscular mycorrhizal fungi associated with Casuarina equisetifolia in saline sandy environment, North Sumatra, Indonesia

DELVIAN

2022
Prosiding seminar internasional

Conservation Bioprospecting: A New Approach to Conserve the Worldâ€™s Longest Snake, Python reticulatus Schneider, 1801.

DELVIAN , HADI S ALIKODRA , ERNI JUMILAWATY

2022
Jurnal nasional terakreditasi

Mangrove Utilization as Sources of Ruminant Feed in Belawan Secanang Subdistrict, Medan Belawan District

MARUF TAFSIN , DELVIAN

2022
Jurnal internasional bereputasi

Use of traditional medication on the health of women and children of the Togutil tribe in North Moluccas Province

FIKARWIN , DELVIAN , ROBERT SIBARANI

2022
Prosiding seminar internasional

Utilization of effluent biodigester as a bioactivactor for the decomposition of rice husk (Oryza sativa) into compost

DELVIAN

2022
Prosiding seminar internasional

Potential analysis of Nipa Palm (Nypa Fruticans) in Singkil

DELVIAN , ELISA JULIANTI , TAVI SUPRIANA

2021
Jurnal internasional bereputasi

The undergrowth composition and distribution in different forest area utilization

BUDI UTOMO , TERNALA ALEXANDER BARUS , DELVIAN

2021
Prosiding seminar internasional

The effect of forest land allocation on understory plant species associations

TERNALA ALEXANDER BARUS , BUDI UTOMO , DELVIAN

2021
Jurnal internasional bereputasi

Improved Salt Tolerance of Lamtoro (Leucaena leucocephala) through the Application of Indigenous Mycorrhiza

DELVIAN

2021
Prosiding seminar internasional

Utilization of sugar palm (Arenga pinnata Merr) by the communities around the PT Toba Pulp Lestari

DELVIAN , AGUSSABTI , ZULKIFLI

2021
Prosiding seminar internasional

Glomus etunicatum improved salt tolerance in Dalbergia latifolia Roxb. Through physiological adjustment

DELVIAN

2021
Jurnal nasional terakreditasi

Analysis of Organic and Conventional Lowland Rice (Oryza Sativa L) Cultivation Systems in Supporting Environmentally Friendly Agriculture in Beringin District, Deli Serdang Regency

NINI RAHMAWATI , DELVIAN

2021

Prosiding seminar internasional

Effect of land use type on arbuscular mycorrhizal fungi diversity in high altitude of Karo Highland

DELVIAN

2021
Jurnal internasional bereputasi

Organic Substances Reduction in Palm Oil Mill Effluent (POME) After Cultivation with Locally Isolated Microalgae

HESTI WAHYUNINGSIH , ERMAN MUNIR , DELVIAN

2020
Jurnal internasional bereputasi

The Growth, Production of Sorghum (Sorghum bicolor {L.} Moench) and Changes in Chemical Soil Properties Due To the Treatment of Mulch and Organic Fertilizer

DELVIAN , ABDUL RAUF , T IRMANSYAH

2020
Jurnal internasional bereputasi

THE GROWTH, PRODUCTION OF SORGHUM (SORGHUM BICOLOR [L.] MOENCH) AND CHANGES IN CHEMICAL SOIL PROPERTIES DUE TO THE TREATMENT OF MULCH AND ORGANIC FERTILIZER

DELVIAN , T IRMANSYAH , ABDUL RAUF

2020
Jurnal internasional bereputasi

SOIL CHARACTERISTICS OF DRY LAND IN INDRAPURI AND BLANG BINTANG SUBDISTRICTS OF ACEH BESAR REGENCY, ACEH PROVINCE, INDONESI

DELVIAN , T IRMANSYAH , ABDUL RAUF

2020
Jurnal internasional

The Opportunity of Understorey Species to Absorb Secondary Metabolites in the Soil (Case Study in IUPHHK - Industrial Plantation Forests PT. Toba Pulp Lestari, Tbk)

TERNALA ALEXANDER BARUS , BUDI UTOMO , DELVIAN

2020
Prosiding seminar internasional

The marketing strategy for sugar palm (Arenga pinnata) by people around the protected forest aren HPHTI of Toba Pulp Lestari

DELVIAN , AGUSSABTI , IWAN RISNASARI , ZULKIFLI

2020
Prosiding seminar internasional

The roles of FMA in increasing growth and effectiveness of soybean roots on dry land supporting sustainable agriculture in Deli Serdang District

CHAIRANI HANUM L , DELVIAN

2020
Prosiding seminar internasional

Determination of the most dominant cause factors due to erosion in the farmland of Sibolangit sub-district

DELVIAN , ZULKIFLI , ABDUL RAUF

2019
Prosiding seminar internasional

The distribution of non-timber forest products in the protected areas (case study at PT Toba Pulp Lestari concession)

DELVIAN , ZULKIFLI , AGUSSABTI

2019
Prosiding seminar internasional

Land cover change analysis of Besitang watershed

BEJO SLAMET , DELVIAN

2019
Jurnal nasional terakreditasi

Growth Rate of Rhizophora apiculata Propaguls in Two Sylvofishery Ponds in Tanjung Rejo Village Percut Sei Tuan District

DELVIAN , RIDAHATI RAMBEY

2019
Prosiding seminar internasional

Utilization of plants colonized by mycorrhizal fungi to reduce Lead in the soil: Greenhouse study

DELVIAN

2019
Prosiding seminar internasional

Effect of salinity on spore germination, hyphal length and root colonization of the Arbuscular Mycorrhizal Fungi

DELVIAN , RIDAHATI RAMBEY

2019
Prosiding seminar internasional

Changes in some characters of soybean leaves inoculated with mycorrhiza in salinity stress

DELVIAN , NINI RAHMAWATI , ROSMAYATI , MOHAMMAD BASYUNI

2019
Prosiding seminar internasional

Effect of salinity on spore germination, hyphal length and root colonization of the Arbuscular Mycorrhizal Fungi

RIDAHATI RAMBEY , DELVIAN

2018
Prosiding seminar internasional

Predicting size limit of wild blood python (python brongersmai stull, 1938) harvesting in north sumatera

DELVIAN , ERNI JUMILAWATY

2018
Prosiding seminar internasional

Decomposition rate of Rhizopora stylosa litter in Tanjung Rejo Village, Deli Serdang Regency, North Sumatera Province

DELVIAN , RIDAHATI RAMBEY

2018
Artikel ilmiah

Growth of locally isolated microalga in POME to produce lipid as alternative energy sources

ERMAN MUNIR , DELVIAN , HESTI WAHYUNINGSIH

2018
Prosiding seminar internasional

Production of Lipid Biomass in Locally Isolated Microalga Cultivated in Palm Oil Mill Effluent (POME)

HESTI WAHYUNINGSIH , DELVIAN , ERMAN MUNIR

2018
Prosiding seminar internasional

Decomposition rate of Rhizopora stylosa litter in Tanjung Rejo Village, Deli Serdang Regency, North Sumatera Province

DELVIAN , RIDAHATI RAMBEY

2017
Jurnal nasional terakreditasi

Degradasi Zat Organik Pada Limbah Cair Industri Kelapa Sawit Oleh

Mikroalga Hijau

HESTI WAHYUNINGSIH , ERMAN MUNIR , DELVIAN

2013
Jurnal internasional

Land use change and simulation of hydrological response using integrated NRCS model and base flow for ecohydrological concept at Krueng Peusangan watershedÂ ...

ZULKIFLI , DELVIAN , ICHWANA

Researches

2026
Penelitian Disertasi Doktor

Pengembangan Model Hipnoterapi Trauma Berbasis Komunitas untuk Pemulihan Psikososial dan Peningkatan Resiliensi Socio-Ekologis Korban Banjir Bandang di Aceh Tamiang

ISMAYADI , ZULKIFLI , DEDI ARDINATA , DELVIAN

Community Services

2024
Ipteks Bagi Masyarakat

Pembentukan Kompos Centre sebagai Wadah Pengabdian dan Pembelajaran pada Masyarakat di Kecamatan Pantai Labu, Kabupaten Deli Serdang.

SARIFUDDIN , NUR ULINA WARNISYAH SEBAYANG , LUTHFI AZIZ MAHMUD SIREGAR , MARIANI BR SEMBIRING , SATIA NEGARA LUBIS , T SABRINA , DELVIAN , T IRMANSYAH

2024

Peran media Sosial Dalam Mendorong Kesadaran dan Pembelian Produk Halal Dikalangan Generasi Alpha Pada SMP Al-Azhar Medan

TENGKU ERRY NURADI , SATIA NEGARA LUBIS , ZULKIFLI , SURYA HARDI , MUHAMMAD TURMUZI , HAMIDAH HARAHAP , DELVIAN , MUHAMMAD HENDRA S GINTING

2023

MEMBANGUN SISTEM PENGENDALIAN PERILAKU NYAMPAH PENGUNJUNG TAMAN WISATA MANGROVE KAMPUNG NIPAH MELALUI PENDEKATAN KEBUDAYAAN (EDUKASI, PENGORGANISASIAN DAN PENYEDIAAN SARANA PENAMPUNG SAMPAH)

AGUSTRISNO , FIKARWIN , DELVIAN , ZULKIFLI DRS MA

2016
Ipteks Bagi Masyarakat

Penerapan Teknologi Silvofishery dalam Pengelolaan Kawasan Mangrove yang Berkelanjutan

EDY BATARA MULYA SIREGAR , DELVIAN

2016
Ipteks Bagi Masyarakat

Penerapan Teknologi Silvofishery dalam Pengelolaan Kawasan Mangrove yang Berkelanjutan

EDY BATARA MULYA SIREGAR , DELVIAN

Intellectual Property Rights

2026
Hasil penelitian/pemikiran yang tidak dipublikasikan

Aplikasi Asam Humik dan Aktivator Orgadec terhadap Pertumbuhan Bibit Suren (Toona Sureni) pada Tanah Pasca Tambang Emas (Kelurahan Simpang Gambir, Kecamatan Lingga BayuÂ …

DELVIAN