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Prof. Ir. Zulkifli Nasution, M.Sc., Ph.D., born in Kisaran on August 15, 1959, is a lecturer at the Universitas Sumatera Utara with a focus on soil science and land evaluation. He completed his final higher education, earning his doctorate in Land Management from USM in 2004. With his experience and knowledge, Prof. Zulkifli plays an active role in the development of agricultural science and contributes to the understanding of soil management.

Publications

2024

Jurnal internasional bereputasi

Detection of Data imbalance in MANET network based on ADSY-AEAMBi-LSTM with DBO Feature selection

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2025

Jurnal nasional

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

MEILINDA SURIANI HAREFA , ZULKIFLI

2022

Prosiding seminar internasional

Identification of earthquake-prone areas as a regional planning study for deli serdang regency

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2023

Jurnal internasional bereputasi

The Importance Of Understanding The Meaning of Mutasyabih Verses To Prevent Wahabiya Understanding in Madrasah Tsanawiyah Al-Fauzi Cinta Rakyat Percut Sei Tuan-Deli Serdang, Aceh

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2013

Prosiding seminar internasional

Difference of response hydrology using mock model and integrated NRCS with base flow at krueng Peusangan Watershed, Aceh, Indonesia

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2023

Jurnal internasional bereputasi

The mediating role of integrated agritourism cluster development on regional development in Indonesia

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2024

Jurnal internasional bereputasi

The Effect of Water Quality on Production Results of Silvofishery Ponds in Tanjung Rejo Village

2023

Jurnal internasional bereputasi

Waterfront Management in the Areas Around Lake Sidihoni to Support Sustainable Economic and Tourism Development

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2025

Book chapter internasional

Developments in a practical green economy in North Sumatra

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2022

Jurnal internasional bereputasi

The Investigation on Mineral Wool Performance as a Potential Filter to Remove TSS in Cikapayang River, East Jawa, Indonesia

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2024

Jurnal internasional bereputasi

Mapping the Nutrient Content of Oil Palm Leaves based on Machine Learning to Determine Fertilizer Recommendations in North Sumatra

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2023

Jurnal nasional terakreditasi

Peranan Sistem Informasi Geografis (SIG) dalam Mempertahankan dan Meningkatkan Kondisi Jalan di Wilayah Langkat Hilir Kabupaten Langkat

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2022

Jurnal internasional bereputasi

Regional zonation based on seismic vulnerability using local site effect analysis and potential damage to the city of Medan (North Sumatra, Indonesia) due to earthquake

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2026

Jurnal internasional bereputasi

Effect of Soil Texture on the Productivity of Two Shallot Varieties

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2019

Jurnal internasional

Analysis of Young Fisherman Role on Increasing Income in Medan Belawan Sub-District

ZULKIFLI , AGUS PURWOKO

2023

Jurnal nasional terakreditasi

PENGARUH FILSAFAT ILMU KOMPUTER TERHADAP SMART CITY UNTUK Mendukung Revolusi Industri 4.0 Secara Ontologi

ZULKIFLI

2024

Jurnal internasional bereputasi

THE ROLE OF GEOLOGICAL RELATIONSHIP AND BRAND OF GEOPRODUCT ON REGIONAL DEVELOPMENT IN SAMOSIR ISLAND OF GEOPARK CALDERA TOBA WITH MEDIATING METHOD

RUJIMAN , ZULKIFLI , NURLISA , POPPY MARULITA HUTAGALUNG

2023

Jurnal nasional terakreditasi

Pengaruh Pemuda Tani Terhadap Pengembangan Sapta Usaha Tani Dan Kaitannya Dengan Pengembangan Wilayah Di Kabupaten Simalungun

ZULKIFLI

2023

Jurnal internasional

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

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2025

Jurnal internasional

From Volcanic Ash to Food Security: Characterization of Andisols in North Sumatra's Food Estate Highland

ZULKIFLI

2023

Jurnal internasional bereputasi

The Investigation on Mineral Wool Performance as a Potential Filter to Remove TSS in Cikapayang River, East Jawa, Indonesia: 10.32526/ennrj/21/202200118

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2022

Jurnal internasional

The above-ground biomass allometry and carbon stocks of serial age planted Rhizophora apiculata in Northern Sumatra, Indonesia

MEILINDA SURIANI HAREFA , ZULKIFLI

2025

Jurnal nasional

Pemanfaatan Citra Google Earth untuk Pemetaan Lahan Perkebunan di Pesantren Terpadu Tgk.Chik Eumpe Awee, Desa Atong, Kecamatan Montasik, Kabupaten Aceh Besar

AMEILIA ZULIYANTI SIREGAR , ZULKIFLI , NURMAULIDAR , ICHWANA

2025

Prosiding seminar internasional

COASTLINE IDENTIFICATION OF MANGROVE FORESTS ON MANGROVE ISLAND AFTER THE 2004 TSUNAMI

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2024

Jurnal internasional bereputasi

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

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2023

Jurnal nasional terakreditasi

Estimation of Carbon Stocks on Mangrove Forests at Pulau Kampai Using Destructive and Nondestructive Methods

RAHMAWATY , ZULKIFLI

2023

Jurnal nasional terakreditasi

Identifikasi Batuan dan Tanah pada Kawasan Longsor di Desa Naman Teran Kabupaten Karo Provinsi Sumatera Utara

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2022

Jurnal internasional

Analysis of Role of Youth As a Change Agent in Control of Agricultural Land Functions in North Labuhanbatu District

ZULKIFLI , AGUS PURWOKO

2023

Makalah ilmiah

Ecosystem Carbon Stocks of Restored Mangroves and Its Sequestration in Northern Sumatra Coast, Indonesia

ZULKIFLI

2021

Jurnal internasional bereputasi

Potential and phylogenetic of superior bacterial isolates in biogas sludge from anaerobic digestion of palm oil mill effluent

ZULKIFLI , MARIANI BR SEMBIRING , NOVILDA ELIZABETH MUSTAMU

Researches

2022

Estimation of Carbon Stocks on Mangrove Forests at Pulau Kampai Using Destructive and Nondestructive Methods

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Community Services

2025

Implementation of Hydroponics and Fish Cultivation in The Bucket (Budikdember) for Detecting Insect Biodiversity in Medan City, North Sumatra

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Intellectual Property Rights

2021

Hak cipta nasional

Aplikasi SIPUPUK

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Pola Pengembangan Tambak Berkelanjutan

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