Dr. Ir. Mukhlis, M.Si

Lecturer of Undergraduate Program in Agrotechnology Study Program
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Dr. Ir. Mukhlis, M.Si., born in Medan on January 02, 1962, is an Agrotechnology lecturer at the Universitas Sumatera Utara with expertise in soil science.

Education Profile:

- Bachelor's degree from the Universitas Sumatera Utara (USU).

- Master graduate from Institut Pertanian Bogor (IPB)

- Doctoral degree from the Universitas Sumatera Utara (USU).

With a comprehensive educational background, Dr. Ir. Mukhlis has contributed to developing agrotechnology science, especially in understanding and managing soil aspects. His profile reflects his dedication to soil science education, research, and practice to support agricultural sustainability at the Universitas Sumatera Utara.

Publications

2026
Jurnal nasional terakreditasi

The Effect of Candlenut Shell Ash and Biochar and NPK Fertilization on Corn (Zea mays L.) Growth and Production

SARIFUDDIN , MUKHLIS

2025
Jurnal nasional terakreditasi

Entrepreneur Diffable (Entredif) Training to Support the Economy and Welfare of the Disability Community

MUKHLIS

2025
Jurnal nasional terakreditasi

Neutralization of Galena Acid Mine Water Using CaO and $CaCO_3$ at PT Berkat Bhinneka Perkasa

MUKHLIS

2024
Makalah ilmiah

Soil classification based on morphology characteristic in multicropping land at Sawit Rejo Village, Kutalimbaru District, Deli Serdang Regency

MUKHLIS

2024
Jurnal nasional terakreditasi

Characteristics and classification of the peat at Toba Highland, North Sumatera, Indonesia

SARIFUDDIN , MUKHLIS , ESTER JULIANA SITOHANG

2024
Artikel ilmiah

Using Machine Learning in Detecting Ganoderma Disease in Oil Palm Plants

MUKHLIS

2024
Artikel ilmiah

EXAMINING THE USE OF SUBSOIL AS MEDIA FOR OIL PALM SEEDLINGS IN THE MAIN NURSERY

MUKHLIS

2023
Monograf

Analysis of Vegetation Index of Oil Palm Plants infected with Ganoderma Disease

MUKHLIS

2023
Jurnal nasional

Feasibility Study: Kapah Clam (Meretrix lyrata) Consumption Based on the Amount of Heavy Metal Lead (Pb) in Pulau Labu, Deli Serdang Regency

MUKHLIS

2023
Jurnal nasional terakreditasi

The Management of Pusong Reservoir, Lhokseumawe City, Based on the Suspended Sediment Discharge

MUKHLIS

2023
Buku referensi

Biochar : arang hitam pembenah tanah pertanian

BENNY HIDAYAT , MUKHLIS

2022
Jurnal internasional bereputasi

Study of Aromatic Plants on Cadmium Exposure Through Anatomical Structure, Shoot Root Ratio, Essential Oil and Heavy Metals

MUKHLIS

2022
Monograf

Carbon dioxide (CO2) emissions on highland peatland that has been planted with coffee in Humbang Hasundutan Regency, North Sumatra Province

MUKHLIS

Researches

2021
Pendidikan Magister Doktor Sarjana Unggul

Kajian Karakteristik Gambut Dataran Tinggi dan Gambut Dataran Rendah di Sumatera Utara

SARIFUDDIN , MUKHLIS

Community Services

2025
Ipteks Bagi Masyarakat

Serikat Tolong Menolong (STM)

MUKHLIS

2024

Pengurus Badan Kesejahteraan Masjid

MUKHLIS

2024
Ipteks Bagi Masyarakat

Panitia Pelaksana Ibadah Qurban Tahun 2024M/1445H Pada Masjid Al MuhajirinPerum S. M. PermaiKomplek DEPAGSU Desa Mulyo rejo

MUKHLIS

Intellectual Property Rights

2023
Paten nasional

Biochar: Arang Hitam Pembenah Tanah Pertanian

MUKHLIS , Benny Hidayat