

# Dr. Ir. Sarifuddin, MP

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*Dr. Ir. Sarifuddin, M.P., born in Medan on 03 September 1965, is an agrotechnology lecturer at the Universitas Sumatera Utara specializing in soil science. He completed his last education, which was a Doctoral degree (S3) in Agricultural Sciences, at the Universitas Sumatera Utara in 2016.*

## Education Profile:

- Bachelor's degree from Universitas Sumatera Utara
- Master's degree from Gadjah Mada University
- Doctoral degree from Universitas Sumatera Utara

*With expertise in soil science, Sarifuddin has contributed to developing agrotechnology and soil science in the academic environment. His profile reflects a dedication to education and research, as well as a commitment to developing knowledge in soil science.*

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## Publications

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2025

Jurnal nasional

### **Pengaruh Pencucian dan Beberapa Amelioran untuk Perbaikan Sifat Kimia Tanah dan Pertumbuhan Tanaman Jagung (*Zea mays* L.) pada Tanah Bergaram**

KIRANA AULIA RAHMA , SARIFUDDIN

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2021

Jurnal nasional

### **Sifat Kimia Tanah Pada Lahan Kering Setelah Erupsi Gunung Sinabung Di Kecamatan Payung, Karo**

SARIFUDDIN , JAMILAH

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2023

Prosiding seminar internasional

### **Characteristic of Mahogany leaves as biochar and its effect with Urea fertilization on nitrogen status and growth of corn in Ultisol**

SARIFUDDIN

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2020

Jurnal internasional bereputasi

### **Earthworms as a vector of aspergillus niger dispersal to enhance the decomposition of oil palm trunks**

T SABRINA , SARIFUDDIN

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2022

Jurnal nasional terakreditasi

### **PENINGKATAN PRODUKSI BAWANG MERAH ASAL TSS DENGAN APLIKASI PACLOBUTRAZOL DAN ASAM SALISILAT PADA KONDISI CEKAMAN KEKERINGAN**

SARIFUDDIN , YAYA HASANAH , NISRINA AYU CAHYANI

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2026

Prosiding seminar internasional

# Testing for Cadmium (Cd) and Lead (Pb) content in ditch mud in several areas of Medan city

SARIFUDDIN , HALIM AKBAR

2023

Jurnal nasional terakreditasi

## Evaluation of Land Capability and Land Use Direction in the Krueng Peusangan Hilir Sub-watershed, Bireuen Regency

SAKRAL HASBY PUARADA , HALIM AKBAR , SARIFUDDIN

2024

Jurnal internasional bereputasi

## Application of chicken manure compost and the amount of water on Sorghum yield and improvement of sub-optimal soil properties

SARIFUDDIN , JAMILAH , Setia Sari Br Girsang, SP, MP, Ph.D.

2020

Prosiding seminar internasional

## Effect of industrial and residential sewage sludge and burnt garbage on cadmium content in soil and kangkong plants (*Ipomoea reptans* L Poir)

SARIFUDDIN , JAMILAH

2025

Jurnal internasional bereputasi

## Application of chicken manure compost and the amount of water on Sorghum yield and improvement of sub-optimal soil properties

SARIFUDDIN , JAMILAH , Setia Sari Br Girsang, SP, MP, Ph.D.

2024

Jurnal nasional terakreditasi

## Analisis Sifat Fisik dan Kimia Tanah di Bawah Tegakan Mangrove di Kelurahan Kalangan Indah Kecamatan Pandan Kabupaten Tapanuli Tengah

SARIFUDDIN

2023

Prosiding seminar internasional

## Effect of zeolite and neem oil on N-soil form and efficiency of urea fertilization in rice fields

SARIFUDDIN

2021

Jurnal internasional bereputasi

## POTENTIAL OF *Syncephalastrum racemosum* AND *Rhizopus arrhizus* ISOLATED FROM OIL PALM TRUNKS PRODUCE CHITOSANS THAT INHIBIT THE GROWTH OF *Ganoderma boninense*

SARIFUDDIN , T SABRINA

2018

Prosiding seminar internasional

## Changing of Sumatra backswamp peat properties by seawater and zeolite application

SARIFUDDIN , ABDUL RAUF , ZULKIFLI

2019

Prosiding seminar internasional

## Effect of zeolite, volcanic sand and sea water on bulk density of peat soil and growth of rice

SARIFUDDIN

2026

Prosiding seminar internasional

## Use of several ameliorants to improve the fertility status of post-burning peat soils

SARIFUDDIN

2020  
Prosiding seminar internasional

## **The effectivity of fertilization based on hara index to increase grain rice plants production**

SARIFUDDIN , ERWIN MASRUL HARAHAP

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2022  
Jurnal nasional terakreditasi

## **PENINGKATAN PRODUKSI BAWANG MERAH ASAL TSS DENGAN APLIKASI PACLOBUTRAZOL DAN ASAM SALISILAT PADA KONDISI CEKAMAN KEKERINGAN**

YAYA HASANAH , SARIFUDDIN

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## **Researches**

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2024  
**ASSESSMENT ON THE EFFECTS OF POLY4 (K-Ca-Mg-S) ON GROWTH PERFORMANCE AND YIELD OF OIL PALM GROW IN SALINE SOIL**

SARIFUDDIN , YAYA HASANAH , LISA MAWARNI

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2023  
Penelitian Dana Lokal Perguruan Tinggi

## **Karakteristik Tanah Dan Hara Tanaman Terhadap Kualitas Kopi Arabika (Coffea arabica L.) Sigarar Utang Di Kecamatan Lintong Ni Huta**

SARIFUDDIN , LISA MAWARNI

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## **Community Services**

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2025  
**Pelatihan dan Pemberdayaan Petani Dalam Meningkatkan Produktivitas dan Daya Saing Kopi Samosir Melalui Good Agricultural Practices (GAP) dan Inovasi Pascapanen (Kerjasama Fakultas Pertanian Dengan Indonesia Diaspora Network of The America)**

SARIFUDDIN , TAVI SUPRIANA , DR LISNAWITA SP, MSI

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## **Intellectual Property Rights**

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2022  
Hak cipta nasional

## **Pelatihan GAP tanaman kopi di samosir oleh Fakultas pertanianUSU dan IDNA**

SARIFUDDIN , TAVI SUPRIANA , DR LISNAWITA SP, MSI , SALSABILLAH

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