

Dr. Deni Elfiati, SP., MP.

Dosen Program Studi S1 Kehutanan
Fakultas Kehutanan
Universitas Sumatera Utara

✉ deni1@usu.ac.id

📍 Kampus 2 USU Bekala, Simalingkar A, Pancur Batu, Deli Serdang, 20353, Sumatera Utara, Indonesia

☎ 081362126108

🌐 fhut.usu.ac.id/id/dosen/deni-elfiati

Dr. Deni Elfiati, S.P., M.P., lahir di Batusangkar pada 14 Desember 1968. Ia menyelesaikan gelar Sarjana Pertanian di Jurusan Ilmu Tanah, Fakultas Pertanian, Universitas Andalas pada tahun 1993, diikuti dengan gelar Magister Pertanian dalam bidang Ilmu Tanah dari Program Pascasarjana Universitas Andalas pada tahun 1998. Ia kemudian meraih gelar Doktor dalam bidang Ilmu Tanah dari Institut Pertanian Bogor pada tahun 2004. Sejak 2002, ia menjabat sebagai dosen di Program Studi Kehutanan, Fakultas Kehutanan, Universitas Sumatera Utara, dengan fokus pada budidaya hutan dan penelitian biologi tanah hutan.

Publications

2025

Prosiding seminar internasional

Productivity of Betung Bamboo (*Dendrocalamus Asper*) and Belangke Bamboo (*Gigantochloa Pruriens*) based on the site characteristics in North Sumatera, Indonesia

RIZKY WAHYUDI , DENI ELFIATI , SAMSURI

2025

Prosiding seminar internasional

Productivity of Betung Bamboo (*Dendrocalamus Asper*) and Belangke Bamboo (*Gigantochloa Pruriens*) based on the site characteristics in North Sumatera, Indonesia

DENI ELFIATI , RIZKY WAHYUDI , SAMSURI

2024

Prosiding seminar internasional

Structure and composition of rehabilitated mangrove in Lubuk Kertang Village, North Sumatra, Indonesia

DENI ELFIATI , MOHAMMAD BASYUNI

2023

Prosiding seminar internasional

Soil Carbon Organic and Cation Exchange Capacity (CEC) on Rubber Agroforestry Land and Rubber Monoculture Land, Simalungun Regency, North Sumatra, Indonesia

DIANA SOFIA HANAFIAH , MUHDI , DENI ELFIATI

2021

Prosiding seminar internasional

Morphological identification of phosphate solubilizing and cellulolytic fungi from mangrove soil under *Rhizophora stylosa* stands

ARIDA SUSILOWATI , DENI ELFIATI , DELVIAN

2021

Artikel ilmiah

Morphological identification of phosphate solubilizing and cellulolytic fungi from mangrove soil under *Rhizophora stylosa* stands

2021

Prosiding seminar internasional

Characterization of phosphate solubilizing and cellulolytic fungi isolated from soil under Eurycoma longifolia stands

ARIDA SUSILOWATI , DENI ELFIATI

2021

Prosiding seminar internasional

Identification of phosphate solubilizing fungi under Scaphium macropadum stands in Gunung Leuser National Park, North Sumatra

DENI ELFIATI , ARIDA SUSILOWATI

2021

Prosiding seminar internasional

Tree biodiversity in USU green space: Exotic plant and its risk to native species

RIDAHATI RAMBEY , ARIDA SUSILOWATI , APRI HERI ISWANTO , AHMAD BAIQUNI RANGKUTI , DENI ELFIATI

2019

Jurnal internasional bereputasi

Morphological and molecular identification of cellulolytic fungi associated with local raru species

DENI ELFIATI , ARIDA SUSILOWATI

2019

Jurnal internasional

Optimizing Genomic DNA Isolation and PCR Amplification For Pasak Bumi (Eurycoma longifolia)

AHMAD BAIQUNI RANGKUTI , ARIDA SUSILOWATI , DENI ELFIATI , HENTI HENDALASTUTI RACHMAT

2019

Jurnal internasional bereputasi

Impact of soil collar insertion depth on microbial respiration measurements from tropical peat under an oil palm plantation

DENI ELFIATI , ABDUL RAUF , Siti Fatimah Batubara , Fahmuddin Agus

2019

Jurnal internasional bereputasi

The composition and diversity of plant species in pasak bumi (Eurycoma longifolia) habitat in Batang Lubu Sutam Forest, North Sumatra, Indonesia

DENI ELFIATI , ARIDA SUSILOWATI

2017

Jurnal internasional bereputasi

Phosphate solubilization agents in increasing potatoes production on Andisol Sinabung Area

T SABRINA , DENI ELFIATI , MARIANI BR SEMBIRING

2016

Jurnal internasional bereputasi

Effect of Burkholderia cepacia and SP36 on available phosphate and potato production on Andisol impacted by Mount Sinabung Eruption, North Sumatera, Indonesia

T SABRINA , MARIANI BR SEMBIRING , DENI ELFIATI

Researches

2024

PRODUKTIVITAS PERTUMBUHAN BAMBU BETUNG (DENDROCALAMUS ASPER) DAN BAMBU BELANGKE (GIGANTOCHLOA PRURIENS)

BERDASARKAN KARAKTERISTIK TEMPAT TUMBUH DI KECAMATAN PANCUR BATU DAN KECAMATAN LANGKAT

SAMSURI , DENI ELFIATI

Community Services

2014

Penelitian Hibah Bersaing

**PENINGKATAN KETAHANAN TANAMAN KARET (*Hevea brasiliensis* MUELL.
Arg) TERHADAP C**

Intellectual Property Rights

2020

Paten nasional

**MIKROBA PELARUT FOSFAT *Talaromyces pinophilus* SEBAGAI PUPUK
HAYATI PADA TANAH ANDISOL TERDAMPAK ERUPSI GUNUNG SINABUNG**

DENI ELFIATI , T SABRINA , MARIANI BR SEMBIRING
