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

2024
Jurnal internasional bereputasi

Assessing sediment CO<inf>2</inf> effluxes in the coastal ecosystem of North Sumatra, Indonesia

BEJO SLAMET , MOHAMMAD BASYUNI , NURDIN SULISTIYONO , DENI ELFIATI , SALMA SAFRINA HASHILAH , RIZKA AMELIA , YUNTHA BIMANTARA , MIKRAJNI HARAHAP

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Assessing sediment CO2 effluxes in the coastal ecosystem of North Sumatra, Indonesia

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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

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Jurnal nasional terakreditasi

Agroforestry-Based Land Management in the Food Estate Area of Ria-Ria Village, Pollung District, Humbang Hasundutan Regency, North Sumatra

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2022
Prosiding seminar internasional

Rice production in North Aceh Regency based on N, P, K and C-organic studies

RAHMAWATY , DENI ELFIATI , ABDUL RAUF

2022
Prosiding seminar internasional

Exploring endophytic fungi from Rhizophora spp leaves for improving plant growth

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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

DENI ELFIATI , ARIDA SUSILOWATI

2021
Prosiding seminar internasional

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

ARIDA SUSILOWATI , DENI ELFIATI

2021
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Cultivation of Tilapia (Oreochromis niloticus) using the silvofishery method in Tanjungrejo, Percut Sei Tuan, North Sumatra Province

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Potential of phosphate solubilizing fungi isolated from peat soils as inoculant biofertilizer

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2021
Lain-lain

Cultivation of Tilapia (Oreochromis niloticus) using the silvofishery method in Tanjungrejo, Percut Sei Tuan, North Sumatra Province

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2020
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Conservation of tropical tree biodiversity through macropropagation by shoot cutting of raru (Cotylelobium melanoxylon), a highly utilized dipterocarp in North Sumatra, Indonesia

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Prosiding seminar internasional

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2019
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Morphological and molecular identification of cellulolytic fungi associated with local raru species

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2019
Jurnal nasional

Agroforestry Land Management with the Community of Candi Rejo Village, Biru-Biru District, Deli Serdang, North Sumatra

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2019
Jurnal internasional bereputasi

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

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2019
Jurnal internasional bereputasi

The composition and diversity of plant species in pasak bumiÃ¢Â€Â™s (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

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Penelitian Fundamental

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Community Services

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Pengendalian Erosi di Anak Sungai Svarga Simelir Melalui Kegiatan Penanaman

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2021

Pengelolaan Lahan Berbasis Agroforestry di Wilayah Food Estate Desa Ria-Ria, Kecamatan Pollung, Kabupaten Humbang Hasundutan, Sumatera Utara

RIDAHATI RAMBEY , DENI ELFIATI , DELVIAN

2020
Penelitian Unggulan Perguruan Tinggi

Pengelolaan Ekosistem Mangrove dengan Metode Silvofishery di Desa Tanjung Rejo, Kecamatan Percut Sei Tuan, Provinsi Sumatera Utara

RIDAHATI RAMBEY , DENI ELFIATI , AMANATUL FADHILAH , IPANNA ENGGAR SUSETYA , DELVIAN

2018
Ipteks Bagi Masyarakat

Teknologi Penanaman Avicennia marina pada Lahan Mangrove Pantai Timur Sumatera Utara

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2018
Ipteks Bagi Masyarakat

Teknologi Penanaman Avicennia marina pada Lahan Mangrove Pantai Timur Sumatera Utara

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2018
Ipteks Bagi Masyarakat

Teknologi Penanaman Avicennia marina pada Lahan Mangrove Pantai Timur Sumatera Utara

RIDAHATI RAMBEY , DENI ELFIATI , DELVIAN

2017
Ipteks Bagi Masyarakat

Penanaman Jenis Rhizopora di Hutan Mangrove Percut Sei Tuan Pantai Timur Sumatera Utara

RIDAHATI RAMBEY , DENI ELFIATI , DELVIAN

2014
Penelitian Hibah Bersaing

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

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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