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Moehar Maraghiy Harahap, S.Hut., M.Sc., was born in August 1989 and is the first of four siblings. From 2007 to 2011, he pursued his undergraduate education at Universitas Sumatera Utara (USU) and successfully earned a Bachelor's degree in Forestry (S.Hut.). Subsequently, he worked as a freelancer in natural resource mapping and became a permanent employee at one of the well-known plantation companies in Indonesia. In 2014, he continued his studies at Universitas Gadjah Mada (UGM) and earned a Master of Science (M.Sc) degree in 2016. He began actively teaching at a private university in North Sumatra in the same year, simultaneously continuing his career in a large plantation company in Indonesia.

With the desire to contribute and make an impact at his alma mater, he successfully graduated and was appointed as a Lecturer at the USU Faculty of Forestry in 2019. Until now, he has been actively involved in various activities related to the Tri Dharma Perguruan Tinggi (Education and Teaching, Research and Development, and Community Service) and has secured various research grants. From 2022 onwards, he has been entrusted with the role of editor-in-chief at the Journal of Sylva Indonesiana, managed by the USU Faculty of Forestry and published by Talenta Publisher USU.

Publications

2026

Jurnal internasional bereputasi

The Role of Sibolangit Nature Tourism Park in Climate Change Mitigation: Aboveground Biomass, Carbon Stock, and CO2 Equivalent

MARIAH ULFA , MOEHAR MARAGHIY HARAHAAP , ASTRI WINDA SIREGAR , PANDU YUDHA ADI PUTRA WIRABUNA , Yusran E Ritonga , Ida Mallia Ginting

2025

Jurnal nasional terakreditasi

Visitor characteristics and perceptions of Cadika Park Medan during the COVID-19 pandemic

MOEHAR MARAGHIY HARAHAAP , ALFAN GUNAWAN AHMAD , MARIAH ULFA , FARAH AMNESTESIA

2025

Prosiding seminar internasional

Exploration of Amorphophallus spp. on the visitor trails of Sibolangit Nature Park

MARIAH ULFA , MOEHAR MARAGHIY HARAHAAP , ASTRI WINDA SIREGAR

2025

Prosiding seminar internasional

Growth of trembesi (Samanea saman) seedlings on waste growing media which modified with organic matter

ALFAN GUNAWAN AHMAD , MOEHAR MARAGHIY HARAHAAP

2024

Prosiding seminar internasional

The diversity and distribution of Dipterocarpaceae in green space of Universitas Sumatera Utara

MOEHAR MARAGHIY HARAHAAP , MARIAH ULFA

2024
Prosiding seminar internasional

The distribution of Syzygium sp. and its potential use in green space of Universitas Sumatera Utara

MARIAH ULFA , MOEHAR MARAGHIY HARAHAAP , ALFAN GUNAWAN AHMAD

2024
Prosiding seminar internasional

Nature interpretation in green space of Universitas Sumatera Utara

MOEHAR MARAGHIY HARAHAAP

2024
Prosiding seminar internasional

Analysis of the feasibility of the Sei Bah Bolon rafting ecotourism object, Serdang Bedagai Regency, North Sumatra Province

MOEHAR MARAGHIY HARAHAAP

2024
Prosiding seminar internasional

Nature interpretation in green space of Universitas Sumatera Utara

MARIAH ULFA , MOEHAR MARAGHIY HARAHAAP , ALFAN GUNAWAN AHMAD

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Analysis of the feasibility of the Sei Bah Bolon rafting ecotourism object, Serdang Bedagai Regency, North Sumatra Province

ALFAN GUNAWAN AHMAD , MOEHAR MARAGHIY HARAHAAP

2022
Jurnal internasional bereputasi

Spatial distribution of vegetation diversity, timber production, and carbon storage in secondary tropical rainforest at South Kalimantan, Indonesia

MOEHAR MARAGHIY HARAHAAP

2022
Jurnal internasional bereputasi

Spatial distribution of vegetation diversity, timber production, and carbon storage in secondary tropical rainforest at South Borneo

PANDU YUDHA ADI PUTRA WIRABUNA , YUSANTO NUGROHO , SUYANTO , MOEHAR MARAGHIY HARAHAAP , LIA KUSUMANINGRUM

2022
Prosiding seminar internasional

Tree diversity in Medan Ahmad Yani Park

MOEHAR MARAGHIY HARAHAAP , ALFAN GUNAWAN AHMAD , MARIAH ULFA

2022
Prosiding seminar internasional

Tree damage index in Taman Merdeka, Binjai City, North Sumatra Province

ALFAN GUNAWAN AHMAD , MOEHAR MARAGHIY HARAHAAP

2022
Prosiding seminar internasional

Composition and diversity of tropical forest vegetation at Sibolangit tourism park, North Sumatra, Indonesia

MOEHAR MARAGHIY HARAHAAP , RIDAHATI RAMBEY , MARIAH ULFA

2022
Prosiding seminar internasional

Assessment of the tree damage level in Medan Beringin Park

ALFAN GUNAWAN AHMAD , MOEHAR MARAGHIY HARAHAAP , MARIAH ULFA

2022

Prosiding seminar internasional

The development potential level of Bagan Serdang mangrove ecotourism, Pantai Labu Subdistrict

MOEHAR MARAGHIY HARAHAHAP , MARIAH ULFA

2022

Prosiding seminar internasional

Analysis of correlation between vegetation cover density and urban index in Surakarta to support urban area sustainability

MOEHAR MARAGHIY HARAHAHAP

2022

Jurnal internasional bereputasi

Vegetation diversity, structure and composition of three forest ecosystems in Angsana coastal area, South Kalimantan, Indonesia

MOEHAR MARAGHIY HARAHAHAP

2021

Prosiding seminar internasional

DPSIR1 model approach to address land-use changes in Deli Serdang District, North Sumatera Province

MOEHAR MARAGHIY HARAHAHAP , RAHMAWATY

2021

Jurnal nasional terakreditasi

Assessment of Five-Year Vegetation Cover Changes to Support Green Open Spaces Monitoring in Surakarta, Central Java, Indonesia

MARIAH ULFA , MOEHAR MARAGHIY HARAHAHAP

2021

Prosiding seminar internasional

Land use changes monitoring over a period of ten years in Panjang Island, Pangkalan Susu, Langkat, North Sumatra

RAHMAWATY , ABDUL RAUF , MOEHAR MARAGHIY HARAHAHAP

2021

Jurnal internasional bereputasi

The growth, aboveground biomass, crown development, and leaf characteristics of three eucalyptus species at initial stage of planting in Jepara, Indonesia

MOEHAR MARAGHIY HARAHAHAP

2021

Jurnal internasional bereputasi

Maintaining tree biodiversity in urban communities on the university campus

MOEHAR MARAGHIY HARAHAHAP

2018

Jurnal internasional bereputasi

Effects of mangrove rehabilitation on density of Scylla spp. (mud crabs) in Kuala Langsa, Aceh, Indonesia

MOEHAR MARAGHIY HARAHAHAP

Researches

2024

Pengukuran Indeks Suhu Kelembaban (Temperature Humidity Index) dan Tingkat Kenyamanan Pengunjung di Arboretum Kampus Universitas Sumatera Utara (USU) Bekala, Kabupaten Deli Serdang, Provinsi Sumatera Utara, Indonesia

MOEHAR MARAGHIY HARAHAHAP , ALFAN GUNAWAN AHMAD

2023

Ipteks Bagi Wilayah

Perubahan Penggunaan dan Tutupan Lahan sebagai Dasar Perencanaan dan Strategi Pengambilan Keputusan

MOEHAR MARAGHIY HARAHAP

2022

Interpretasi Alam Berbasis UAV pada Pepohonan untuk Mendukung Forest Science Techno Park di Kampus USU

MOEHAR MARAGHIY HARAHAP

2022

Ipteks

Interpretasi Alam Berbasis UAV pada Pepohonan untuk Mendukung Forest Science Techno Park di Kampus USU

MOEHAR MARAGHIY HARAHAP , ALFAN GUNAWAN AHMAD

Community Services

2024

Penghijauan Lahan Kritis Sebagai Upaya Konservasi Tanah dan Air serta Mitigasi Bencana Alam di Desa Simangulampe, Kecamatan Baktiraja, Kabupaten Humbang Hasundutan

MOEHAR MARAGHIY HARAHAP

2024

Pendidikan Sadar Lingkungan untuk Anak-Anak sebagai Bentuk Kepedulian terhadap Hutan Mangrove

MOEHAR MARAGHIY HARAHAP , NOVITA ANGGRAINI

2023

Membangun Kemandirian Desa Dalam Mitigasi Konflik Manusia Dan Harimau Di Desa Timbang Lawan, Kecamatan Bahorok, Kabupaten Langkat

MARIAH ULFA , PINDI PATANA , MOEHAR MARAGHIY HARAHAP

2021

PENYIAPAN PAKAN LEBAH TRIGONA SP. DENGAN APICULTURE AGROFORESTRY SYSTEM UNTUK MENDUKUNG KETAHANAN PANGAN DI FOODESTATE HUMBANG HASUNDUTAN

AHMAD BAIQUNI RANGKUTI , SAMSURI , MOEHAR MARAGHIY HARAHAP

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Hak cipta nasional

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SUPRI ALWIN , MOEHAR MARAGHIY HARAHAP , MARIAH ULFA
