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Rahmi Utami, S.T., M.T. was born in Bukittinggi on September 20, 1992. Currently, she is an Environmental Engineering lecturer at the Universitas Sumatera Utara. She completed her master's degree in Environmental Engineering at the Bandung Institute of Technology in 2017.

Publications

2023

Prosiding seminar internasional

Black soldier fly to treat organic waste from the restaurant

RAHMI UTAMI

2024

Jurnal nasional terakreditasi

Effectiveness of Reducing GHG Emissions With Fuel Conversion in Gas and Steam Power Plant PT PLN UPDK Belawan, North Sumatera

RAHMI UTAMI , ISRA SURYATI , NAOMI FEBRIYANTI SIREGAR , Randy Zulkarnain , Suyanto

2026

Prosiding seminar internasional

Cleanliness assessment of Lake Toba tourist attractions from stakeholders' perspective

RAHMI UTAMI

2020

Jurnal nasional

Application of ultraviolet light as an indoor disinfectant

RAHMI UTAMI

2023

Jurnal nasional terakreditasi

Application of UAV for Village Mapping in Pangambatan, Sumatra Utara

GRACE LORDYE PA , RAHMI UTAMI , HAFIZHUL KHAIR A.M. , SILDA ADI RAHAYU

2023

Prosiding seminar internasional

Pyrolysis of polypropylene plastic waste: An analysis of oil quantity, density, viscosity, and calorific value

BAYU LISTIANY , RAHMI UTAMI , HAFIZHUL KHAIR A.M.

2025

Jurnal nasional

Pemberdayaan Guru SD dalam Pemanfaatan Bahan Alami untuk Formulasi Produk Cuci Tangan dan Ekoenzim

JULIA REVENY , JANE MELITA KELIAT , RAHMI UTAMI , DWI LESTARI PRIWITANINGRUM

2023

Jurnal nasional terakreditasi

Capacity Building in Response of Tidal Floods in Belawan II, North Sumatra

HAFIZHUL KHAIR A.M. , RAHMI UTAMI , ARLIZA JUAIRIANI LUBIS

2023

Prosiding seminar internasional

Analyzing the performance of cyclones and scrubbers as air pollution control methods for household solid waste incinerator

HAFIZHUL KHAIR A.M. , TAUFIQ BIN NUR , ISRA SURYATI , RAHMI UTAMI

2021

Prosiding seminar internasional

Study on solid waste generation in Lake Toba area

RAHMI UTAMI

2024

Jurnal nasional terakreditasi

Effectiveness of Reducing GHG Emissions with Fuel Conversion in Gas and Steam Power Plant PT PLN UPDK Belawan, North Sumatera

NAOMI FEBRIYANTI SIREGAR , Suyanto , Randy Zulkarnain , ISRA SURYATI , RAHMI UTAMI

2023

Prosiding seminar internasional

Application of unmanned aerial vehicle for monitoring tourism waste

HAFIZHUL KHAIR A.M. , EVANA BR PASARIBU , GRACE LORDYE PA , UNIKA SARI NAIBAHO , RAHMI UTAMI

2023

Prosiding seminar internasional

Using Black Soldier Fly to treat organic waste from the restaurant

ISRA SURYATI , HAFIZHUL KHAIR A.M. , RAHMI UTAMI

2024

Jurnal nasional terakreditasi

Analysis of Existing Area, Clean Water Treatment, and Distribution Network Evaluation in Nagari Magek, Agam Regency, West Sumatra

DENDI ADI SAPUTRA , HAFIZHUL KHAIR A.M. , RAHMI UTAMI , SILDA ADI RAHAYU

2022

Prosiding seminar internasional

Cleanliness assessment of Lake Toba tourist attractions from stakeholders' perspective

HAFIZHUL KHAIR A.M. , RAHMI UTAMI

2025

Jurnal nasional terakreditasi

Studi Potensi Serapan Karbon dan Nilai Ekonomi dari Inisiatif Penghijauan di PT PLN Indonesia Power Pangkalan Susu PGU

RAHMI UTAMI , ISRA SURYATI , YASMINE ANGGIA SARI, S.SI.,MT.

2026

Jurnal nasional

Application of UAV for Village Mapping in Pangambatan, Sumatra Utara

RAHMI UTAMI

2021

Prosiding seminar internasional

A preliminary study of a landfill as a raw material for RDF: a case study in Medan City

RAHMI UTAMI , HAFIZHUL KHAIR A.M.

Researches

2024

Strategi Pengelolaan Sampah Plastik Perkotaan di Indonesia

HAFIZHUL KHAIR A.M. , NURUL MAWADDAH , ISRA SURYATI , BIMASTYAJI SURYA RAMADAN , NOVRI DA HARPAH HASIBUAN , RAHMI UTAMI

2025

Pengembangan Model Insinerator Hibrida untuk Sampah Tercampur Indonesia

HAFIZHUL KHAIR A.M. , ISRA SURYATI , RAHMI UTAMI , TAUFIQ BIN NUR

Community Services

2024

Ipteks Bagi Masyarakat

Pemanfaatan Bahan Alami Untuk Formulasi Sabun Cuci Tangan Dan Ekoenzim: Pemberdayaan Guru SD Muhammadiyah 29, Sei Mencirim, Sunggal, Deli Serdang, Sumatera Utara

JULIA REVENY , DWI LESTARI PRIWITANINGRUM , JANE MELITA KELIAT , RAHMI UTAMI , SRIWADA ARISVI SIREGAR , RICKY SAMUEL , DWITA VIDI ASWARA , HADI GUNAWAN , NALA ALIA NADHIRA

2025

Pemberdayaan Siswa dan Guru SMK Martabe Sipirok Jurusan Asisten Keperawatan dan Agribisnis Tanaman Perkebunan dalam Formulasi Produk Cuci Tangan Cair yang Mengandung Ekoenzim dari Kulit Biji Kopi Sipirok

CHEMAYANTI SURBAKTI , JULIA REVENY , DWI LESTARI PRIWITANINGRUM , RAHMI UTAMI

2023

PEMBERDAYAAN MASYARAKAT DESA DALAM MENGATASI MASALAH KUALITAS AIR BERSIH MENUJU DESA YANG BERKELANJUTAN (STUDI KASUS NAGARI MAGEK, KAB. AGAM SUMATERA BARAT)

HAFIZHUL KHAIR A.M. , DENDI ADI SAPUTRA , SILDA ADI RAHAYU , RAHMI UTAMI , AGUNG PRADANA , MUHAMMAD ADLI , FAUZIAH KHAIRUNNISA , GALUH BUNAYA IRVANI , MUHAMMAD HIRZI AULIA

2020

Ipteks Bagi Masyarakat

Pemanfaatan Teknologi Lampu Ultraviolet Sebagai Pengendali Keberadaan Virus dalam Ruangan

HAFIZHUL KHAIR A.M. , ISRA SURYATI , RAHMI UTAMI

2022

KAJIAN IDENTIFIKASI, KOMPOSISI DAN KARAKTERISTIK SAMPAH KOTA MEDAN (DLH KOTA MEDAN)

HAFIZHUL KHAIR A.M. , ISRA SURYATI , SILDA ADI RAHAYU , RAHMI UTAMI

2021

Pemanfaatan UAV Untuk Pemetaan Desa Pangambatan Dalam Rangka Pengembangan Wisata Yang Berkelanjutan

HAFIZHUL KHAIR A.M. , SILDA ADI RAHAYU , RAHMI UTAMI

2021

Peningkatan Kapasitas Tanggap Bencana Banjir Rob pada Kelompok PKK Kelurahan Belawan II

ARLIZA JUAIRIANI LUBIS , HAFIZHUL KHAIR A.M. , RAHMI UTAMI

2024

Peningkatan kapasitas masyarakat kampung nelayan dalam pengelolaan lingkungan berkelanjutan (Studi kasus: Kelurahan Nelayan Indah, Medan)

HAFIZHUL KHAIR A.M. , ANTHONI VEERY MARDIANTA , RAHMI UTAMI

2024

Peningkatan kapasitas masyarakat kampung nelayan dalam pengelolaan lingkungan berkelanjutan (Studi kasus: Kelurahan Nelayan Indah, Medan)

ANTHONI VEERY MARDIANTA , RAHMI UTAMI

2022

Ipteks Bagi Masyarakat

PEMANFAATAN ALAT PENCACAH DALAM PENAMBAHAN JERAMI PADI DAN BONGGOL JAGUNG SEBAGAI PAKAN LENGKAP TERNAK DI DESA SAMBIREJO KABUPATEN LANGKAT

NISAUL FADILAH DALIMUNTHE , ZAID PERDANA NASUTION , AMIR HUSIN , RENITA MANURUNG , AULIA ISHAK , RAHMI UTAMI , RAHMI MEILINA SARI , MAYA SARAH

Intellectual Property Rights

2021

Hasil penelitian/pemikiran yang tidak dipublikasikan

Alat Pengolahan Air Bersih

RAHMI UTAMI , SILDA ADI RAHAYU , HAFIZHUL KHAIR A.M.

2021

Paten nasional

Alat Pengendali Untuk Penyisihan Gas Buang dari Insinerator Sampah Rumah Tangga

TAUFIQ BIN NUR , RAHMI UTAMI , JONATHAN SAMUEL LUBIS , JOSE ALEXANDER SATRIO SIGALINGGING , BATARA TAMADO SILALAH , HAFIZHUL KHAIR A.M. , ISRA SURYATI
