Dr. Nurdin Sulistiyono, S.Hut., M.Si.

Dosen Program Studi S2 Magister Kehutanan
Fakultas Kehutanan
Universitas Sumatera Utara

nurdinsulistyono@usu.ac.id

Ruang Sekprodi Magister Kehutanan, Fakultas Kehutanan USU, Kampus USU 2 Bekala

fhut.usu.ac.id/id/dosen/nurdin-sulistiyono

Nurdin Sulistiyono, lahir di Banjarnegara pada 27 Juli 1975. Sejak tahun 2000, beliau bekerja sebagai staf pengajar di Program Studi Kehutanan, Fakultas Kehutanan USU. Bidang keahlian dan penelitian yang ditekuni beliau selama ini adalah berkaitan dengan analisis geospasial dan pemantauan lingkungan, jasa lingkungan serta landscape ecology. Penelitian yang banyak dilakukan oleh Dr. Nurdin selama ini terkait dengan pemodelan perubahan pentupan lahan, pemodelan spasial dinamis, pemodelan spasial habitat satwa, pemodelan spasial kerawanan konflik manusia-satwa, pemodelan spasial kerawanan bencana, pemodelan distribusi karbon, pemanfaatan remote sensing sensor pasif (optic) dan sensor aktif (RADAR) untuk pemantauan hutan dan lingkungan seperti deforestasi dan degradasi hutan, valuasi ekonomi jasa lingkungan hutan, analisis pengelolaan lanskap berkelanjutan serta pengelolaan jasa ekosistem mangrove.

Saat ini, Dr. Nurdin aktif mengajar di Prodi S1 Kehutanan USU pada mata kuliah analisis spasial lingkungan, statistika kehutanan, ekologi lanskap, jasa lingkungan, penilaian hutan serta manajemen kawasan konservasi. Nurdin juga mengajar di Prodi S2 Kehutanan USU dalam mata kuliah analisis statistik, mitigasi bencana dampak perubahan iklim, pengelolaan ekowisata dan konservasi jasa lingkungan, serta penilaian ekonomi jasa ekosistem hutan. Nurdin juga aktif mengajar di Prodi S2 Perencanaan Pembangunan Wilayah dan Pedesaan (PWD) USU dalam mata kuliah Sistem Informasi Geografis (SIG) dan studio perencanaan. Disamping itu, Nurdin juga menjadi dosen tidak tetap di Politeknik Pembangunan Pertanian (POLBANGTAN) Medan dalam mata kuliah Instrumen Perkebunan Presisi sejak tahun 2018.

Nurdin aktif dalam kegiatan pengabdian masyarakat khusunya di 2 desa binaan USU yakni Desa Lubuk kertang Kabupaten Langkat dalam hal pengelolaan dan monitoring ekosistem mangrove, serta Desa Timbang Lawan Kabupaten Langkat dalam hal mitigasi konflik satwa dengan manusia melalui kegiatan restorasi dan pemanfaatan ekowisata.

Disamping aktif mengajar, melakukan penelitian dan pengabdian, Dr. Nurdin saat ini juga aktif di Lembaga Pusat Unggulan Iptek (PUI) Mangrove USU, dan menjabat sebagai Kordinator Riset Restorasi, Konservasi dan Manajemen Mangrove. Dr. Nurdin juga tercatat sebagai anggota dalam berbagai himpunan profesi seperti MAPIN (Masyarakat Penginderaan Jauh Indonesia), ISME (International Society for Mangrove Ecosystem), MBI (Masyarakat Biodiversitas Indonesia), PII (Persatuan Insinyur Indonesia), serta ADI (Asosiasi Dosen Indonesia).

Publications

2026
Jurnal internasional bereputasi

Integrating Machine Learning with Sentinel-2 Imagery for Mangrove Health Index Assessment

NURDIN SULISTIYONO , SAHID AGUSTIAN HUDJIMARTSU , PUTRI YULI UTAMI , Arif Kurnia Wijayanto

2026
Jurnal internasional bereputasi

Optimizing local maxima parameters for UAV-based detection of Pinus merkusii in tropical forest plantations

MUHAMMAD RISZA PURNOMO , Veronica Sianturi , SAHID AGUSTIAN HUDJIMARTSU , NURDIN SULISTIYONO , IKSAL YANUARSYAH

2025
Jurnal internasional

Analysis of Mangrove Health Predictions Using the Random Forest Regression Method

NURDIN SULISTIYONO , ERWIN HERMAWAN , SAHID AGUSTIAN HUDJIMARTSU

2025

Prosiding seminar internasional

Land Cover Change and Estimated Habitat Connectivity of Tapanuli Orangutans Outside the 2016 PHVA Population Distribution

NURDIN SULISTIYONO , SRI SUCI UTAMI

2025
Jurnal nasional terakreditasi

Community Empowerment of Perlis Village, West Brandan, Langkat through Mangrove Restoration and Clean Water Supply Activities : Pemberdayaan Masyarakat Desa Perlis, Brandan Barat, Langkat melalui Kegiatan Pemulihan Mangrove dan Penyediaan Air Bersih

NURDIN SULISTIYONO

2025
Jurnal internasional

Impact of District Road Rehabilitation on Vehicle Operating Costs and Accessibility in Garoga District, North Tapanuli Regency, Indonesia

NURDIN SULISTIYONO

2025
Jurnal nasional

The Mediating Role of Perceived Public Service Quality in the Influence of Sectoral Budget Allocations on Human Development Index in Langkat Regency, Indonesia

NURDIN SULISTIYONO

2025
Jurnal internasional

Impact of District Road Rehabilitation on Vehicle Operating Costs and Accessibility in Garoga District, North Tapanuli Regency, Indonesia

NURDIN SULISTIYONO

2025
Jurnal internasional

The Impact of the Karo-Langkat Bypass Road Development on Land Cover Dynamics and Suitability Evaluation

NURDIN SULISTIYONO

2025
Prosiding seminar internasional

Correlation analysis of biophysical factors with the spatial distribution of human-sumatran orangutan (Pongo abelii) conflicts

NURDIN SULISTIYONO

2025
Prosiding seminar internasional

Analysis of community perceptions and behaviors towards forest environmental services in mitigating human-wildlife conflicts

NURDIN SULISTIYONO

2024
Jurnal internasional bereputasi

Abiotic drivers of mudflat colonization by mangroves in Indonesia: a knowledge base to support ecological restoration

NURDIN SULISTIYONO

2024
Prosiding seminar internasional

Maximum Entropy Modelling for Sumatran Orangutan Habitat Suitability in Ketambe Research Station

ZUMAIDAR , NURDIN SULISTIYONO , MUHAMMAD ALFARABI , Nurul Islamidini

2024
Prosiding seminar internasional

Maximum Entropy Modelling for Sumatran Orangutan Habitat Suitability in

Ketambe Research Station

NURDIN SULISTIYONO

2024
Prosiding seminar internasional

Identification of mangrove forests using Sentinel-1 Synthetic Aperture Radar (SAR) satellite imagery in Medan Belawan District, Medan City

NURDIN SULISTIYONO , PUTRI YULI UTAMI , SAHID AGUSTIAN HUDJIMARTSU

2024
Prosiding seminar internasional

Spatial Distribution of Tidal Floods Using Geographic Information System (GIS) in Medan Belawan District

NURDIN SULISTIYONO

2024
Jurnal internasional bereputasi

Assessing the Impact of Road Construction on the Sumatran Orangutan (Pongo abelii) Habitat in Pakpak Bharat District from 2003 to 2022

NURDIN SULISTIYONO

2024
Prosiding seminar internasional

The low diversity of vegetation seedling and sapling threatening the tree existence at the university green space of Universitas Sumatera Utara, Indonesia

NURDIN SULISTIYONO

2024
Prosiding seminar internasional

Identification of mangrove forests using Sentinel-1 Synthetic Aperture Radar (SAR) satellite imagery in Medan Belawan District, Medan City

NURDIN SULISTIYONO , SAHID AGUSTIAN HUDJIMARTSU , PUTRI YULI UTAMI

2023
Jurnal internasional bereputasi

Carbon Stock and CO₂ Fluxes in Various Land Covers in Karang Gading and Langkat Timur Laut Wildlife Reserve, North Sumatra, Indonesia

NURDIN SULISTIYONO

2023
Jurnal internasional bereputasi

Carbon Stock and CO2 Fluxes in Various Land Covers in Karang Gading and Langkat Timur Laut Wildlife Reserve, North Sumatra, Indonesia

NURDIN SULISTIYONO , MOHAMMAD BASYUNI

2023
Prosiding seminar internasional

The Economic Value of Forest Environmental Services for Mitigating Human-Wildlife Conflict in the Village Around Management Section of National Park (MNSP) VI Besitang, GunungÂ ...

NURDIN SULISTIYONO

2023
Prosiding seminar internasional

Economic Loss Value of Human-wildlife Conflict at the Management Section of National Park (MSNP) VI Besitang, Gunung Leuser National Park (GLNP)

NURDIN SULISTIYONO , SUNDARI MARSUDI , MUHDARIL AHDA , WITA ASMANIJAR , GUNPLAWAN LUMBAN TOBING , AINUN ZAHIRAH

2023
Prosiding seminar internasional

The Economic Value of Forest Environmental Services for Mitigating Human-Wildlife Conflict in the Village Around Management Section of National Park (MNSP) VI Besitang, Gunung Leuser National Park

GUNPLAWAN LUMBAN TOBING , NURDIN SULISTIYONO , SUNDARI MARSUDI , MUHDARIL AHDA , AINUN ZAHIRAH , WITA

ASMANIJAR

2023
Jurnal internasional bereputasi

Above Ground Carbon Estimation Using Sentinel-1B RADAR Satellite Imagery

NURDIN SULISTIYONO

2023
Jurnal internasional bereputasi

Analysis of the relationship between urban heat island (UHI) phenomenon and land cover change in Medan city using Landsat satellite imagery

NURDIN SULISTIYONO

2022
Prosiding seminar internasional

Application of sentinel 2A sattelite imagery for the estimation of canopy cover spatial distribution at mangrove vegetation

NURDIN SULISTIYONO

2022
Prosiding seminar nasional

RESTORASI KAWASAN RAWAN KONFLIK SATWA HARIMAU DENGAN MANUSIA MELALUI PENANAMAN TANAMAN MPTS (MULTI PURPOSE TREE SPICIES) DI DESA TIMBANG LAWAN, KABUPATEN LANGKAT

NURDIN SULISTIYONO

2021
Artikel ilmiah

Identification of land cover changes before and after forest and land fires in conservation areas of North Sumatra, Indonesia

NURDIN SULISTIYONO

2021
Artikel ilmiah

Spatial model of human-sumatran orangutan (Pongo abelii) conflict vulnerability in Besitang, Indonesia

NURDIN SULISTIYONO

2021
Jurnal nasional

Community Response to Covid-19 Handling in Namorambe District, Deli Serdang Regency

NURDIN SULISTIYONO

2021
Jurnal internasional bereputasi

Physicochemical characteristic, nutrient, and fish production in different types of mangrove forest in North Sumatra and Aceh Provinces of Indonesia

NURDIN SULISTIYONO

2021
Artikel ilmiah

Potential of above-ground biomass (AGB) of mangrove vegetation restoration in Lubuk Kertang

NURDIN SULISTIYONO

2021
Artikel ilmiah

Causal loop of system thinking in mitigating human tiger conflict based livelihood around Leuser

NURDIN SULISTIYONO

2021
Artikel ilmiah

Spatial distribution characteristics of human-elephant conflict (HEC) in Besitang

NURDIN SULISTIYONO

2021
Jurnal internasional bereputasi

Mangrove ecosystem in north sumatran (Indonesia) forests serves as a suitable habitat for mud crabs (scylla serrata and s. olivacea)

NURDIN SULISTIYONO

2020
Artikel ilmiah

Spatial distribution of landslide vulnerability level in Dairi District, North Sumatera Province, Indonesia

NURDIN SULISTIYONO

2020
Prosiding seminar internasional

Spatial model of the Sumatran tigers (Panthera tigris sumatrae) prey habitat suitability index in Besitang

NURDIN SULISTIYONO

2019
Prosiding seminar internasional

Species composition and plant diversity of logged-over forest in Sikundur, Gunung Leuser National Park, North Sumatra

NURDIN SULISTIYONO

2019
Prosiding seminar internasional

Evaluation of two-year mangrove rehabilitation using Rhizophora apiculata propagules in Lubuk Kertang Village, North Sumatra

BEJO SLAMET , MOHAMMAD BASYUNI , ERA YUSRAINI , NURDIN SULISTIYONO , INDRA LESMANA. S.PI M.SI , LOLLIE AGUSTINA P

2019
Prosiding seminar internasional

Leaf nutrition content and organoleptic of Jeruju (Acanthus ilicifolius L) and processed products in Lubuk Kertang Village, North Sumatera

ERA YUSRAINI , BEJO SLAMET , INDRA LESMANA. S.PI M.SI , NURDIN SULISTIYONO , MOHAMMAD BASYUNI , LOLLIE AGUSTINA P

2019
Prosiding seminar internasional

Stand structure and diversity of restored mangroves at abandoned pond in eastern coast of North Sumatra

NURDIN SULISTIYONO

2019
Prosiding seminar internasional

Leaf nutrition content and organoleptic of Jeruju (Acanthus ilicifolius L) and processed products in Lubuk Kertang Village, North Sumatera

NURDIN SULISTIYONO

2019
Prosiding seminar internasional

Estimation of forest degradation distribution using landsat sattelite imagery in Besitang forest landscape

NURDIN SULISTIYONO

2019
Prosiding seminar internasional

Spatial modeling of conflict vulnerability of Sumatran elephants (Elephas maximus sumatranus) with humans in Besitang

NURDIN SULISTIYONO

2019
Prosiding seminar internasional

Evaluation of two-year mangrove rehabilitation using Rhizophora apiculata

propagules in Lubuk Kertang Village, North Sumatra

NURDIN SULISTIYONO

2019
Prosiding seminar internasional

Mangrove vegetation supports milkfish production in silvofishery pond

NURDIN SULISTIYONO

2019
Prosiding seminar internasional

Assessment of one-year mangrove reforestation using Rhizophora apiculata seedlings in Lubuk Kertang village, North Sumatra

ERA YUSRAINI , LOLLIE AGUSTINA P , NURDIN SULISTIYONO , INDRA LESMANA. S.PI M.SI , BEJO SLAMET , MOHAMMAD BASYUNI

2019
Prosiding seminar internasional

Introducing of a silvofishery pond on sapling and seedling density based in Lubuk Kertang Village, North Sumatera

NURDIN SULISTIYONO

2019
Jurnal nasional

Analisis Tingkat Kerawanan Longsor Dengan Integrasi Analytical Hierarchy Process dan Pemodelan Spasial Sistem Informasi Geografis di Kabupaten Aceh Tenggara

SIROJUZILAM , NURDIN SULISTIYONO

2019
Jurnal internasional bereputasi

Salinity and subsequent freshwater influences on the growth, biomass, and polyisoprenoids distribution of Rhizophora apiculata seedlings

MOHAMMAD BASYUNI , NURDIN SULISTIYONO , POPPY ANJELISA ZAITUN HASIBUAN

2019
Jurnal internasional bereputasi

Salinity and subsequent freshwater influences on the growth, biomass, and polyisoprenoids distributi

NURDIN SULISTIYONO

2018
Prosiding seminar internasional

Polyisoprenoids profile and composition from selected mangrove associates leaves

NURDIN SULISTIYONO

2018
Jurnal internasional bereputasi

Landscape planning and economic valuation of mangrove ecotourism using GIS and Google Earth image

NURDIN SULISTIYONO , MOHAMMAD BASYUNI , BEJO SLAMET

2018
Prosiding seminar internasional

Isolation and phylogenetic analysis of new predicted polyprenol reductase from mangrove plant (Kandelia obovata Sheue, HY Liu & J. Yong)

NURDIN SULISTIYONO

2018
Prosiding seminar internasional

Isolation and phylogenetic analysis of new predicted polyprenol reductase from mangrove plant (Kande

NURDIN SULISTIYONO

2018
Prosiding seminar internasional

Predicted cycloartenol synthase protein from Kandelia obovata and Rhizophora stylosa using online software of Phyre2 and Swiss-model

NURDIN SULISTIYONO

2018
Prosiding seminar internasional

Deforestation and reforestation analysis from land-use changes in North Sumatran Mangroves, 1990-2015

NURDIN SULISTIYONO

2018
Prosiding seminar internasional

Land surface temperature distribution and development for green open space in Medan city using imagery-based satellite Landsat 8

NURDIN SULISTIYONO

2018
Prosiding seminar internasional

Carbon dioxide emissions from forestry and peat land using land-use/land-cover changes in North Sumatra, Indonesia

NURDIN SULISTIYONO

2018
Jurnal internasional bereputasi

Diversity and habitat characteristics of macrozoobenthos in the mangrove forest of Lubuk Kertang Village, North Sumatra

NURDIN SULISTIYONO

2018
Jurnal internasional bereputasi

Management of mangrove ecosystems for increasing fisheries production in Lubuk Kertang village, North Sumatra, Indonesia

NURDIN SULISTIYONO

2018
Prosiding seminar nasional

Aplikasi Sistim Informasi Geografis Dan Penginderaan Jarak Jauh Dalam Model Spasial Tingkat Kerawanan Konversi Lahan Hutan Di Daerah Aliran Sungai (Das) Deli

NURDIN SULISTIYONO

2018
Prosiding seminar internasional

Isolation and analysis of a multifunctional triterpene synthase KcMS promoter region from mangrove plant kandelia candel

NURDIN SULISTIYONO

2018
Prosiding seminar nasional

Valuasi Ekonomi Hutan Sebagai Pengendali Banjir dan Erosi di Das Deli Berdasarkan Metode Kontingensi

NURDIN SULISTIYONO

2018
Prosiding seminar nasional

Deteksi Deforestasi Menggunakan Citra Satelit Resolusi Tinggi Pada Lanskap Hutan Mangrove Percut Sei Tuan

NURDIN SULISTIYONO

2018
Prosiding seminar internasional

Evaluation of Rhizophora Mucronata Growth at first-year Mangrove Restoration at Abandoned Ponds, Langkat, North Sumatra

NURDIN SULISTIYONO

2018
Prosiding seminar nasional

Peranan Restorasi Hutan dalam Konservasi Jenis Mangrove di Pesisir Timur Sumatera Utara

NURDIN SULISTIYONO

2018
Jurnal internasional bereputasi

Diversity and habitat characteristics of macrozoobenthos in the mangrove forest of Lubuk Kertang Village, North Sumatra, Indonesia

BEJO SLAMET , NURDIN SULISTIYONO , MOHAMMAD BASYUNI

2018
Prosiding seminar internasional

Developing community-based mangrove management through eco-tourism in North Sumatra, Indonesia

NURDIN SULISTIYONO

2018
Prosiding seminar internasional

Protein modelling of triterpene synthase genes from mangrove plants using Phyre2 and Swiss-model

NURDIN SULISTIYONO

2018
Prosiding seminar internasional

Deforestation trend in North Sumatra over 1990-2015

NURDIN SULISTIYONO

2018
Prosiding seminar internasional

Deforestation and reforestation analysis from land-use changes in North Sumatran Mangroves, 1990-201

NURDIN SULISTIYONO

2018
Jurnal internasional bereputasi

Landscape planning and economic valuation of mangrove ecotourism using gis and google earth image

NURDIN SULISTIYONO , BEJO SLAMET , ERMAN MUNIR , MOHAMMAD BASYUNI

2017
Jurnal nasional

KEANEKARAGAMAN KOMUNITAS MANGROVE DI SEKITAR KAWASAN WISATA MANGROVE KAMPOENG NIPAH, SUMATERA UTARA

NURDIN SULISTIYONO

2015
Jurnal internasional bereputasi

Spatial Model of Deforestation in Sumatra Islands Using Typological Approach

NURDIN SULISTIYONO

2015
Jurnal internasional

Detection of Deforestation Using Low Resolution Satellite Images in the Islands of Sumatra 2000-2012

NURDIN SULISTIYONO

2015
Hasil penelitian/pemikiran yang tidak dipublikasikan

Pemodelan Spasial Deforestasi Menggunakan Pendekatan Tipologi Di Kepulauan Sumatera

NURDIN SULISTIYONO

2015
Jurnal internasional

Resiliency of Singkil coastal vegetation due to natural catastrophes

NURDIN SULISTIYONO

2013
Jurnal nasional terakreditasi

Carbon Sequestration Potential in Aboveground Biomass of Hybrid Eucalyptus Plantation Forest

NURDIN SULISTIYONO

2011
Book chapter nasional

Earthquake and Tsunami Impact on Coastal Vegetation in Aceh Singkil, Indonesia

NURDIN SULISTIYONO

2010
Hasil penelitian/pemikiran yang tidak dipublikasikan

Analisis perubahan penggunaan lahan hutan dan pembayaran jasa lingkungan di daerah aliran sungai Deli: laporan akhir hibah bersaing tahun kedua

NURDIN SULISTIYONO

2008
Hasil penelitian/pemikiran yang tidak dipublikasikan

Pemanfaatan Jasa Lingkungan Hutan Sebagai Kawasan Ekotourisme

NURDIN SULISTIYONO

2008
Hasil penelitian/pemikiran yang tidak dipublikasikan

Kebutuhan Sumber Daya Manusia (SDM) Menuju Kemandirian Kph

NURDIN SULISTIYONO

2008
Jurnal nasional

Aplikasi Teknologi Penginderaan Jarak Jauh Dalam Mendeteksi Pola Penggunaan Lahan di Das Cikaso Kabupaten Sukabumi, Jawa Barat

NURDIN SULISTIYONO

2006
Hasil penelitian/pemikiran yang tidak dipublikasikan

Penilaian Ekonomi Berbagai Pola Penggunaan Lahan Berdasarkan Citra Satelit Ikonos Tahun 2003 (Studi Kasus di Sub DAS Ciesek, DAS Ciliwung Hulu, Kabupat...

NURDIN SULISTIYONO

2003
Hasil penelitian/pemikiran yang tidak dipublikasikan

Pendugaan model nilai ekonomi air untuk kebutuhan sektor rumah tangga di Kawasan Resapan Air Sibolangit: laporan hasil penelitian dosen muda

NURDIN SULISTIYONO

2026
Artikel ilmiah

NILAI KEBERADAAN PERKEBUNAN TEH DAN MATA AIR SIDAMANIK DALAM PENGEMBANGAN WISATA ALAM BERBASIS MASYARAKAT

NURDIN SULISTIYONO

2026
Prosiding seminar internasional

The Economic Value of Forest Environmental Services for Mitigating Human-Wildlife Conflict in the Village Around Management Section of National Park (MNSP) VI Besitang, GunungÂ …

NURDIN SULISTIYONO

2026
Prosiding seminar nasional

Upaya Membangun Harmoni Penghidupan Manusia dan Konservasi Harimau

Sumatera Melalui Program Desa Binaan USU di Timbang Lawan, Kabupaten Langkat

NURDIN SULISTIYONO

2026

Prosiding seminar nasional

Analisis Pemasaran Hasil Hutan Non Kayu Di Sekitar Taman Nasional Batang Gadis (Studi Kasus Desa Batahan Kecamatan Kotanopan Kabupaten Mandailing-Natal)

NURDIN SULISTIYONO

2026

Prosiding seminar internasional

Isolation and phylogenetic analysis of new predicted polyprenol reductase from mangrove plant (Kandelia obovata Sheue, HY Liu & J. Yong)

NURDIN SULISTIYONO

Researches

2025

Penelitian Tim Pasca Sarjana

Analisis Jangkauan Historis Dan Daya Dukung Kantong Populasi Orangutan Tapanuli Di Pesisir Barat Tapanuli Tengah

NURDIN SULISTIYONO , SRI SUCI UTAMI

2024

Penelitian Dana Lokal Perguruan Tinggi

Pengembangan Model Spasial Kerusakan dan Kesehatan Ekosistem Mangrove Berbasis Integrasi Data Penginderaan Jauh Multi-Sensor, Analisis Struktur dan Komposisi Vegetasi, dan Machine Learning

ANJAR DIMARA SAKTI , SAHID AGUSTIAN HUDJIMARTSU , NURDIN SULISTIYONO , YUDI SETIAWAN

2023

Pemodelan Distribusi Spasial Indek Kesehatan Mangrove Berbasis Citra Satelit dan UAV Multispectral

SAHID AGUSTIAN HUDJIMARTSU , NURDIN SULISTIYONO , PUTRI YULI UTAMI

2023

Pemodelan Distribusi Spasial Indek Kesehatan Mangrove Berbasis Citra Satelit dan UAV Multispectral

SAHID AGUSTIAN HUDJIMARTSU , NURDIN SULISTIYONO

2020

Pendugaan Biomassa Hutan Mangrove Menggunakan Teknologi UAV (Unmanned Aerial Vehicle) dan Citra Satelit Resolusi Tinggi

SAHID AGUSTIAN HUDJIMARTSU , NURDIN SULISTIYONO

2020

Penelitian Fundamental

Pendugaan Biomassa Hutan Mangrove Menggunakan Teknologi UAV (Unmanned Aerial Vehicle) dan Citra Satelit Resolusi Tinggi

SAHID AGUSTIAN HUDJIMARTSU , NURDIN SULISTIYONO

Community Services

2020

Kompos dari Jerami Padi dan Penanaman Hortikultura

NURDIN SULISTIYONO , NETTI HERLINA , ETTI SARTINA SIREGAR