

Prof. Dr. Ir. Dwira Nirfalini Aulia, M.Sc.

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Dr. Ir. Dwira Nirfalini Aulia, M.Sc. was born in Medan on May 27, 1963. Currently, she serves as the Head of the Master's Program in Architectural Engineering and the Doctoral Program in Architecture and Urban Science at the Universitas Sumatera Utara.

Education:

Bachelor's Degree - University of Indonesia

Master's Degree - Universiti Sains Malaysia

Doctoral Program - Universiti Sains Malaysia

Publications

2026

Prosiding seminar internasional

Recognize of Low-Income Community Initiatives for Circular Economy Transition, A Case Study Self-help Housing Stimulant in Humbang Hasundutan Regency

HILMA TAMIAMI FACHRUDIN , IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG , ROBINHOT JEREMIA LUMBANTORUAN

2026

Jurnal internasional

Identification of Characteristics of Factors That Form Slums in Tanjung Pinggir Village, Pematang Siantar

IR. DWIRA NIRFALINI AULIA MSC PHD

2025

Jurnal internasional bereputasi

Adaptation of settled behavior for transforming standard house design by comparing before and after the COVID 19 pandemic

BENY OCTOFRYANA YOUSCA MARPAUNG , IR. DWIRA NIRFALINI AULIA MSC PHD

2025

Jurnal internasional bereputasi

Assessment of Livability Factors as an Adaptation of Settled Behavior to Improve Sustainable Housing

IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2025

Prosiding seminar internasional

Responsive Privacy of Coastal Malay Homes in Riau in Implementing Islamic Law Towards the Environment

IR. DWIRA NIRFALINI AULIA MSC PHD , DWI LINDARTO HADINUGROHO , HILMA TAMIAMI FACHRUDIN

2024

Prosiding seminar internasional

Privacy Principles in Malay House Design: Integrating Visual and Acoustic Privacy in Selatpanjang Residences

IR. DWIRA NIRFALINI AULIA MSC PHD

2024

Jurnal nasional

Strategies for Enhancing Slum Settlement Study Case: Tegal Sari Mandala III, Medan Denai District

IR. DWIRA NIRFALINI AULIA MSC PHD

2024

Artikel ilmiah

"ENCOUNTER OF REALITY AS AN ARCHITECTURAL TEXT IN THE SENSE OF CURTURAL REPRODUCTION IN URBAN PUBLIC SPACE"

SRI GUNANA SEMBIRING , IR. DWIRA NIRFALINI AULIA MSC PHD , DWI LINDARTO HADINUGROHO , BENY OCTOFRYANA YOUSCA MARPAUNG

2024

Jurnal nasional

Designing Behavioral Mental Health Rehabilitation Center in Medan

IR. DWIRA NIRFALINI AULIA MSC PHD

2024

Jurnal nasional

Children's Library with Behavioural Architecture Approach in Medan City

IR. DWIRA NIRFALINI AULIA MSC PHD

2024

Jurnal nasional

SPECIAL NEEDS SCHOOL B & C WITH TROPICAL ARCHITECTURE APPROACH IN MEDAN CITY

IR. DWIRA NIRFALINI AULIA MSC PHD

2024

Jurnal nasional

Children's Library with Behavioural Architecture Approach in Medan City

IR. DWIRA NIRFALINI AULIA MSC PHD , RAIHANAH ZAHRA DAMANIK

2024

Jurnal internasional

Study of Residents' Lifestyles Viewed from the Perspective of Millennial Generation Residential Preferences in Medan Johor District Housing

WAHYUNI ZAHRAH , IR. DWIRA NIRFALINI AULIA MSC PHD

2024

Jurnal nasional

Rehabilitation Center for Drugs Addicts with Biophilic Architectural Approach

IR. DWIRA NIRFALINI AULIA MSC PHD

2024

Jurnal nasional

Designing Art Center in Medan with Metaphor Architecture Theme

IR. DWIRA NIRFALINI AULIA MSC PHD

2024

Jurnal internasional

The New Fisher Village in Belawa, Medan With Green Architecture

IR. DWIRA NIRFALINI AULIA MSC PHD

2023

Jurnal internasional

THE EFFECT OF THERMAL COMFORT ON THE HEALTH OF OCCUPANTS AT CITRA GRAHA HOUSING

IR. DWIRA NIRFALINI AULIA MSC PHD , HILMA TAMIAMI FACHRUDIN

2023

Jurnal internasional bereputasi

Spirit of Place toward Tourist Attraction at Maimun Palace

NURLISA , DWI LINDARTO HADINUGROHO , IR. DWIRA NIRFALINI AULIA MSC PHD , ANDALUCIA

2023
Jurnal internasional bereputasi

Spirit of Place toward Tourist Attraction at Maimun Palace

ANDA LUCIA , DWI LINDARTO HADINUGROHO , NURLISA , IR. DWIRA NIRFALINI AULIA MSC PHD

2023
Jurnal internasional

Educational Tour of The Bamboo Village of Telagah With Ecological Architecture

IR. DWIRA NIRFALINI AULIA MSC PHD

2023
Jurnal internasional bereputasi

Spirit of Place as an Attraction of Heritage Area in Medan City, Indonesia

IR. DWIRA NIRFALINI AULIA MSC PHD , ANDA LUCIA , NURLISA , DWI LINDARTO HADINUGROHO

2023
Jurnal internasional

Evaluation Of The Management Of Low-cost Flat (RUSUNAWA) In Sibolga City. Case Study: Rusunawa Jolong Basusuk

DWI DEBORA SITANGGANG , IR. DWIRA NIRFALINI AULIA MSC PHD , AMY MARISA

2023
Jurnal internasional

Evaluation of The Management of Low-Cost Flat (RUSUNAWA) in Sibolga City. Case Study: RUSUNAWA Jolong Basusuk

IR. DWIRA NIRFALINI AULIA MSC PHD

2023
Jurnal internasional

Public and Commercial Facilities as A Reinforcement of Residential Preferences in Johor City Housing, Medan

IR. DWIRA NIRFALINI AULIA MSC PHD

2023
Jurnal nasional

Perencanaan Penggunaan Lahan Kawasan Tano Ponggol Sebagai Tujuan Ekowisata

IR. DWIRA NIRFALINI AULIA MSC PHD , SUCI ASTARI

2023
Jurnal internasional bereputasi

Spirit of Place as an Attraction of Heritage Area In Medan City, Indonesia

ANDA LUCIA , DWI LINDARTO HADINUGROHO , NURLISA , IR. DWIRA NIRFALINI AULIA MSC PHD

2023
Buku referensi

E-Comic Based Tourism Opportunities for Place Branding in Pangururan City, Indonesia

BENY OCTOFRYANA YOUSCA MARPAUNG , IR. DWIRA NIRFALINI AULIA MSC PHD , ANTHONI VEERY MARDIANTA

2022
Jurnal internasional bereputasi

Evaluation of Tourism Policy Based on Local Knowledge: The Case of Lake Toba, Indonesia

BENY OCTOFRYANA YOUSCA MARPAUNG , IR. DWIRA NIRFALINI AULIA MSC PHD

2021
Buku referensi

Kebijakan Pariwisata Berbasis Kearifan Lokal Di Pangururan Kabupaten Samosir

IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2021
Prosiding seminar internasional

Quality of life for livable mixed use living

IR. DWIRA NIRFALINI AULIA MSC PHD , AMY MARISA , WAHYUNI ZAHRAH , NURLISA

2021

Jurnal nasional terakreditasi

Analisis transformasi ruang hunian program rumah subsidi pemerintah

IR. DWIRA NIRFALINI AULIA MSC PHD , HILMA TAMIAMI FACHRUDIN

2021

Jurnal internasional bereputasi

The morphology and characteristics of livable public space in gated community settlement of Medan City, Indonesia

R LISA SURYANI , IR. DWIRA NIRFALINI AULIA MSC PHD

2020

Makalah ilmiah

Women Residentsâ€™ Quality of Life in the Shophouse in Medan, Indonesia

WAHYUNI ZAHRAH , IR. DWIRA NIRFALINI AULIA MSC PHD , AMY MARISA , NURLISA

2020

Jurnal nasional terakreditasi

Adaptation of Muslim Family Activity in Occupying Minimalist Contemporary Architectural Housing design.

IR. DWIRA NIRFALINI AULIA MSC PHD

2020

Prosiding seminar internasional

Factors Affecting the Value of Land on the Street of Williem Iskandar Pasar V Medan Estate Sei Tuan District, Deli Serdang Regency

HILMA TAMIAMI FACHRUDIN , IR. DWIRA NIRFALINI AULIA MSC PHD

2020

Jurnal nasional

PENGELOLAAN SAMPAH MENGGUNAKAN KERANJANG TAKAKURA, BIOPORI, DAN KOMPOSTING DI KECAMATAN MEDAN JOHOR

INDRA CHAHAYA , IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2020

Prosiding seminar internasional

Analyze of physical land use changes: Case study: Gagak Hitam Street, Medan

HILMA TAMIAMI FACHRUDIN , IR. DWIRA NIRFALINI AULIA MSC PHD

2020

Prosiding seminar internasional

Air temperature and CO2 concentration in naturally ventilated classrooms in hot and humid tropical climate

BASARIA T TAMPUBOLON , IR. DWIRA NIRFALINI AULIA MSC PHD

2019

Jurnal internasional

Spatial Configuration of Fishing Village in Bagan Deli Belawan Medan Indonesia

MUHAMMAD NAWAWIY LOEBIS , IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2019

Jurnal internasional

Causing factors of declining trend on samosir panorusan goat population as endangered species in Samosir Island

IR. DWIRA NIRFALINI AULIA MSC PHD

2019

Jurnal nasional

EVALUASI CAHAYA PADA RUANG RAWAT INAP PASIEN: STUDI KASUS RUMAH SAKIT UNIVERSITAS SUMATERA UTARA

ACHMAD DELIANUR NASUTION , IR. DWIRA NIRFALINI AULIA MSC PHD , TITI SANTI EVRIYANTA NAIBAHO

2019

Jurnal internasional

Development Evaluation of The Fisherman Indah Village Belawan Medan Indonesia Based on The Context of Applicable Policy

BENY OCTOFRYANA YOUSCA MARPAUNG , IR. DWIRA NIRFALINI AULIA MSC PHD

2019

Jurnal internasional

The Spatial Transformation of Fishing Village Bagan Deli Belawan Medan In Indonesia

IR. DWIRA NIRFALINI AULIA MSC PHD , MUHAMMAD NAWAWIY LOEBIS , BENY OCTOFRYANA YOUSCA MARPAUNG

2018

Jurnal internasional bereputasi

The Process of Shaping Place in Residential Area Towards Livable Neighbourhood

IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG , WAHYUNI ZAHRAH

2018

Jurnal nasional

Utilization of Moringa (Moringa Oleifera) as A Multi Function Plant for Conservation Land in Lumban Suhi-Suhi Village, Samosir Regency

JULIZA HIDAYATI , IR. DWIRA NIRFALINI AULIA MSC PHD , NURZAINAH GINTING

2017

Prosiding seminar internasional

Place Shaping in Residential Area as a Process of Increasing Livable Neighbourhood

IR. DWIRA NIRFALINI AULIA MSC PHD , WAHYUNI ZAHRAH , BENY OCTOFRYANA YOUSCA MARPAUNG

2016

Prosiding seminar internasional

Transformation of gated community in the last three decades in Medan City, Indonesia

BENY OCTOFRYANA YOUSCA MARPAUNG , IR. DWIRA NIRFALINI AULIA MSC PHD

2016

Prosiding seminar nasional

Konsep komunitas layak huni pada ruang publik perumahan Taman Setia Budi Indah, Medan

WAHYUNI ZAHRAH , BENY OCTOFRYANA YOUSCA MARPAUNG , IR. DWIRA NIRFALINI AULIA MSC PHD

2016

Makalah ilmiah

Koridor Ruang Kota Layak Huni: Budaya “Merampas” Ruang Publik ?

WAHYUNI ZAHRAH , BENY OCTOFRYANA YOUSCA MARPAUNG , IR. DWIRA NIRFALINI AULIA MSC PHD

2016

Prosiding seminar nasional

Perencanaan Berbasis Partisipasi dalam Rangka Mencapai Pembangunan Kampung yang Layak Huni

BENY OCTOFRYANA YOUSCA MARPAUNG , WAHYUNI ZAHRAH , IR. DWIRA NIRFALINI AULIA MSC PHD

2016

Jurnal internasional

The Criteria of Residential Satisfaction in Gated Community: Medan City

IR. DWIRA NIRFALINI AULIA MSC PHD

2015

Jurnal internasional bereputasi

Modeling of urban growth in tsunami-prone city using logistic regression: Analysis of Banda Aceh, Indonesia

IR. DWIRA NIRFALINI AULIA MSC PHD

2015

Jurnal internasional bereputasi

Spatial relationship between city center and economic activity center on urban growth in Tsunami-prone city: The case of Banda Aceh, Indonesia

IR. DWIRA NIRFALINI AULIA MSC PHD

2026

Jurnal nasional

Konsep Penataan Permukiman Kumuh di Wilayah Peri-Urban

IR. DWIRA NIRFALINI AULIA MSC PHD

2026

Prosiding seminar internasional

Privacy Design in Riau's Coastal Malay Houses in Adherence to Islamic Sharia

IR. DWIRA NIRFALINI AULIA MSC PHD

Researches

2024

Penelitian Tim Pasca Sarjana

Faktor-Faktor Pemilihan Hunian Generasi Milenial dan Adaptasi sebagai Resiliensi Bermukim di Kota Medan

WAHYUNI ZAHRAH , IR. DWIRA NIRFALINI AULIA MSC PHD

2024

Penelitian Disertasi Doktor

Strategi desain perumahan formal yang Livable untuk implementasi ekonomi sirkular. Studi kasus : Pembangunan Perumnas di Indonesia

HILMA TAMIAMI FACHRUDIN , IR. DWIRA NIRFALINI AULIA MSC PHD

2023

Ipteks

PUSAT UNGGULAN IPTEKS (PUI) PARIWISATA BERKELANJUTAN

NURLISA , ANDA LUCIA , IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2022

Penelitian Tim Pasca Sarjana

HUBUNGAN STRUKTUR TATA RUANG KOTA DENGAN TINGKAT PENYEBARAN VIRUS COVID 19

IR. DWIRA NIRFALINI AULIA MSC PHD

2022

Penelitian Dana Lokal Perguruan Tinggi

Place Branding Kota Pangururan Kabupaten Samosir Sebagai Destinasi di Era Baru Pariwisata

ANTHONI VEERY MARDIANTA , IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2022

Penelitian Unggulan Perguruan Tinggi

KERANGKA DISAIN PEMBENTUKAN PERUMAHAN FORMAL YANG 'LIVABLE' DENGAN PENDEKATAN ADAPTASI PRILAKU BERMUKIM

IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2021

Penelitian Unggulan Perguruan Tinggi

Penerapan Kebijakan Pariwisata Berbasis Kearifan Lokal Di Pangururan Kabupaten Samosir

IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2021

Penelitian Unggulan Perguruan Tinggi

Makna Lingkungan Binaan dan Kualitas Hidup Penghuni Rumah Toko di Medan, Indonesia

NURLISA , WAHYUNI ZAHRAH , IR. DWIRA NIRFALINI AULIA MSC PHD

2020

Penelitian Unggulan Perguruan Tinggi

Makna Lingkungan Binaan dan Kualitas Hidup Penghuni Rumah Toko di Medan

NURLISA , WAHYUNI ZAHRAH , IR. DWIRA NIRFALINI AULIA MSC PHD

2020

Penelitian Unggulan Perguruan Tinggi

Penerapan Kebijakan Pariwisata Berbasis Kearifan Lokal Di Pangururan Kabupaten Samosir

IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2019

Penelitian Unggulan Perguruan Tinggi

Konteks Perancangan Kebijakan Untuk Pengelolaan Permukiman Berbasis Masyarakat Tradisional Di Kampung Nelayan Belawan Medan

MUHAMMAD NAWAWIY LOEBIS , IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2018

Penelitian Unggulan Perguruan Tinggi

Konteks Perancangan Kebijakan Untuk Pengelolaan Permukiman Berbasis Masyarakat Tradisional Di Kampung Nelayan Belawan Medan

MUHAMMAD NAWAWIY LOEBIS , IR. DWIRA NIRFALINI AULIA MSC PHD

2018

Utilization of Moringa (Moringa Oleifera) as A Multi Function Plant for Conservation Land in Lumban Suhi-Suhi Village, Samosir Regency

NURLISA , NURZAINAH GINTING , IR. DWIRA NIRFALINI AULIA MSC PHD

2018

Penelitian Unggulan Perguruan Tinggi

Kajian Komparative Permukiman Tepi Air berbasis Kearifan Lokal menuju Kota Layak Huni

WAHYUNI ZAHRAH , IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2016

Penelitian Unggulan Perguruan Tinggi

Model Kebijakan Kota Layak Huni Dengan Pendekatan Perilaku Berbasis Kearifan Lokal

WAHYUNI ZAHRAH , IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2014

Penelitian Fundamental

Transformasi 'Gated Community' Dan Pengaruhnya Terhadap Pertumbuhan Permukiman Di Perkotaan. Studi Kasus Kota Medan

IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2013

Evaluasi Pelaksanaan Sistem Studio di Program Studi Magister Teknik Arsitektur Universitas Sumatera Utara

WAHYUNI ZAHRAH , IR. DWIRA NIRFALINI AULIA MSC PHD , SALMINA WATI GINTING , BENY OCTOFRYANA YOUSCA MARPAUNG

Community Services

2026

PRO-Senggara Institusi Pendidikan: Pemeraksanaan Budaya Penyenggaraan Bangunan bagi Mengukuh Keselamatan dan Kelestarian Sekolah

NURLISA , IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2024

TIM PUSAT UNGGULAN IPTEKS (PUI) PARIWISATA BERKELANJUTAN TAHUN 2024

NURLISA , ANDA LUCIA , IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2024

TIM PUSAT UNGGULAN IPTEK (PUI) PARIWISATA BERKELANJUTAN TAHUN 2024

NURLISA , N VINKY RAHMAN , IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2023

TIM PUSAT UNGGULAN IPTEKS (PUI) PARIWISATA BERKELANJUTAN TAHUN 2023

NURLISA , ANDA LUCIA , IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2023

Penerapan Aspek Pariwisata Berkelanjutan Di Destinasi Wisata Desa Buluh Duri Kecamatan Sipispis, Serdang Bedagai, Sumatera Utara

NURLISA , WAHYUNI ZAHRAH , IR. DWIRA NIRFALINI AULIA MSC PHD , SUBHILHAR

2023

TIM PUSAT UNGGULAN IPTEKS (PUI) PARIWISATA BERKELANJUTAN TAHUN 2023

NURLISA , N VINKY RAHMAN , IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2023

Ipteks

PUSAT UNGGULAN IPTEKS (PUI) PARIWISATA BERKELANJUTAN

NURLISA , N VINKY RAHMAN , ANDA LUCIA , IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2022

Pusat Unggulan Ipteks Pariwisata Berkelanjutan

NURLISA , IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2022

Monitoring Centre for Sustainable Tourism Observatory

NURLISA , N VINKY RAHMAN , IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2022

Produk E-Comic dalam bentuk aplikasi Jezioto untuk pemasaran objek wisata kota Pangururan Samosir yang dapat diinstall melalui playstore dan appstore

ANTHONI VEERY MARDIANTA , IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2022

Ipteks Bagi Wilayah

Penyusunan Sistem Pengelolaan Desa Wisata Pangambatan Kabupaten Karo

ARLIZA JUAIRIANI LUBIS , ANTHONI VEERY MARDIANTA , IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2018

Ipteks Bagi Masyarakat

PEMBERDAYAAN MASYARAKAT MELALUI PENGELOLAAN SAMPAH MENGGUNAKAN KERANJANG TAKAKURA, BIOPORI DAN KOMPOSTING MENUJU KECAMATAN SEHAT DI KECAMATAN MEDAN JOHOR KOTA MEDAN

INDRA CHAHAYA , IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2017

Kegiatan Pengabdian Masyarakat Desa Binaan Program Program Pengembangan Desa Wisata di Desa Lumban Suhi-Suhi, Parbaba, Samosir

NURLISA , IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG

2010

Menumbuhkan budaya Berkota bagi Ibu-Ibu Majelis Taklim Siti Aisyah Telkom Divre Sumatera Medan

ACHMAD DELIANUR NASUTION , NURLISA , WAHYUNI ZAHRAH , IR. DWIRA NIRFALINI AULIA MSC PHD , R LISA SURYANI , BENY OCTOFRYANA YOUSCA MARPAUNG

Intellectual Property Rights

2024
Hak cipta nasional

Perencanaan Perumahan Layak Huni

IR. DWIRA NIRFALINI AULIA MSC PHD

2024
Hak cipta nasional

Perumahan berpagar. Manifestasi bentuk 'Gated Community'

IR. DWIRA NIRFALINI AULIA MSC PHD

2023
Hak cipta nasional

Jezioto : Aplikasi E-Comic Berlatar Objek Wisata Di Danau Toba

BENY OCTOFRYANA YOUSCA MARPAUNG , IR. DWIRA NIRFALINI AULIA MSC PHD , ANTHONI VEERY MARDIANTA ,
NURLISA

2023
Hak cipta nasional

E-Comic Based Tourism Opportunities for Place Branding in Pangururan City, Indonesia

IR. DWIRA NIRFALINI AULIA MSC PHD , BENY OCTOFRYANA YOUSCA MARPAUNG , ANTHONI VEERY MARDIANTA

2023
Paten nasional

Jezioto : Aplikasi E-Comic Berlatar Objek Wisata di Danau Toba

BENY OCTOFRYANA YOUSCA MARPAUNG , IR. DWIRA NIRFALINI AULIA MSC PHD , NURLISA , ANTHONI VEERY
MARDIANTA
