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Publications

2026
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Tropical coastal facade design in high-rise hospitality architecture: an analysis of the Penang Island hotels

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Prosiding seminar internasional

Impact of Green Building Principles in Public Facilities towards Indoor Air Pollution

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Buku referensi

Penerapan Konsep Berkelanjutan, Adaptif, dan Fleksibel pada Desain Street Furniture

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

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Healing Environment Approach on Wellness Center Design Toward Sustainable Development

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Peningkatan Kewaspadaan Bencana Gempa Bumi Pada Anak Usia Dini Melalui Media Game Edukasi Digital

HILMA TAMIAMI FACHRUDIN

2025
Buku referensi

DESAIN STREETSCAPE BERKELANJUTAN MENUJU KOTA HIJAU BEBAS EMISI

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Analysis of the level of Permeability and Wayfinding of a Retirement Village: The Case of Kampung Admiralty, Singapore

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Preface The 5th TALENTA Conference on Engineering, Science and Technology (TALENTA CEST) 2024

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The Effect of Visitor's Comfort on the Success of City Park AS A Social Interaction Space (Case Study: Blang Padang Field, Banda Aceh)

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Analisis transformasi ruang hunian program rumah subsidi pemerintah

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Considerations for Integrating Sustainable Attributes into Property Valuation

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Analysis of Factors Affecting Property Value at Residence with Cluster Concept: Case Study - J City Residence

KHAIRA AMALIA FACHRUDDIN , HILMA TAMIAMI FACHRUDIN

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

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2020
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Analysis of Physical Factors and Housing Reputation Effect to Property Value in Citra Wisata Residence

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The Morphology of Vernacular Architecture in Medan City and Its Surroundings: Case Study - Malay Architecture

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ELISABET SIAHAAN , KHAIRA AMALIA FACHRUDDIN , HILMA TAMIAMI FACHRUDIN

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Changes of Form of Malay Traditional Houses in Medan and Surroundings

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2020
Buku referensi

Kampus Hijau

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2020
Jurnal internasional

Architectural Design by Considering Communication Systems with Observer (Case Study: KLIA Internasional Airport)

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Jurnal nasional terakreditasi

Penataan Kampung Nelayan Dengan Pendekatan Arsitektur Ekologi di Kelurahan Bagan Deli Kota Medan

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2019
Jurnal internasional bereputasi

Education Activities to Realize Green Campus

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2018
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Analysis of Factors Affecting Property Value at Residence with Cluster Concept: Case Study - J City Residence

FAURANTIA FORLANA SIGIT , KHAIRA AMALIA FACHRUDDIN , HILMA TAMIAMI FACHRUDIN

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Can activity support influence image of a street?

HILMA TAMIAMI FACHRUDIN

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Green Design Application on Campus to Enhance Student's Quality of Life

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Buku referensi

Penilaian Perkebunan Kelapa Sawit

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Researches

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Penelitian Dosen Pemula

Integrasi Desain Arsitektur Berkelanjutan dan Bangunan Berkinerja Tinggi Pada Gedung Digital Learning Center Universitas Sumatera Utara Untuk Mewujudkan Green Campus

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2025
Penelitian Dana Lokal Perguruan Tinggi

Pengembangan Desain Street Furniture yang Mengintegrasikan Konsep Berkelanjutan, Adaptif dan Fleksibel Sebagai Strategi Mewujudkan Identitas dan Branding Kota

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Penelitian Dana Lokal Perguruan Tinggi

Strategi Penghijauan Kota dan Desain Streetscape Untuk Meningkatkan Kenyamanan Pejalan Kaki Sebagai Pendukung Kualitas Desain Perkotaan

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PUI Bangunan Hijau dan Kualitas Lingkungan Perkotaan

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Ipteks Bagi Inovasi Kreativitas Kampus

Pervious Concrete Sebagai Cover U - Ditch untuk Meminimalisir Genangan Air

MUHAMMAD AGUNG PUTRA HANDANA , HILMA TAMIAMI FACHRUDIN , RAHMI KAROLINA

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
Kerjasama Luar Negeri dan Publikasi Internasional

Desain Streetscape Berkelanjutan Pada Kawasan Komersil Untuk Mewujudkan Kota Hijau Zero Emission

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Penelitian Dana Lokal Perguruan Tinggi

Kluster Keilmuan Bangunan Hijau Untuk Mewujudkan Kualitas Lingkungan Perkotaan

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Penelitian Dana Lokal Perguruan Tinggi

Mewujudkan Kota Hijau Melalui Penerapan Prinsip Desain Perkotaan Dan Green Behavior Pada Generasi Millennial Dan Generasi Z

HILMA TAMIAMI FACHRUDIN , KHAIRA AMALIA FACHRUDDIN , RAHMI KAROLINA , MICO ADRIEL PARAPAT , DZAKI MUZHAFFAR FARIIS , HAZARINA AZWA

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Penelitian Dana Lokal Perguruan Tinggi

MENEMUKENALI ARSITEKTUR NIUWE BOWEN DI KOTA MEDAN

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2021
Penelitian Dana Lokal Perguruan Tinggi

Model Desain Ruang Kerja dengan Penerapan Konsep Hijau Sebagai Arsitektur Adaptif di Masa Pandemic Covid 19

HILMA TAMIAMI FACHRUDIN , KHAIRA AMALIA FACHRUDDIN , IMAM FAISAL PANE

2020
Penelitian Dana Lokal Perguruan Tinggi

Model Desain Green Campus Berdasarkan Perilaku Hijau Pada Prinsip Konservasi Energi

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2015
Penelitian Hibah Bersaing

KAJIAN MANAJEMEN INVESTASI DAN DESAIN PROPERTI BERKELANJUTAN

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Community Services

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Ipteks Bagi Masyarakat

Peningkatan Kesadaran Mitigasi Gempa untuk Anak-Anak di Kampung Nelayan Sebrang melalui Augmented Reality dan Simulasi Evakuasi Virtual

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2025

KAJIAN PENILAIAN KINERJA GEDUNG WARENHUIS SERTA PENGARUHNYA TERHADAP IKLIM MIKRO DALAM UPAYA MENUJU BANGUNAN HIJAU KEGIATAN PENELITIAN DAN PENGEMBANGAN BIDANG EKONOMI DAN PEMBANGUNAN SUB KEGIATAN PENELITIAN DAN PENGEMBANGAN PERUMAHAN DAN KAWASAN PERMUKIMAN TAHUN 2025

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Penelitian Dana Lokal Perguruan Tinggi

Peningkatan Kewaspadaan Bencana Gempa Bumi Pada Anak Usia Dini Melalui Media Game Edukasi Digital

HILMA TAMIAMI FACHRUDIN , INDRA AULIA , RAHMI KAROLINA

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Pembuatan Kamar Mandi di Ekowisata Mangrove Kampung Nelayan Seberang

HILMA TAMIAMI FACHRUDIN , RAHMI KAROLINA , BEBY KENDIDA HASIBUAN

2018
Penelitian Dana Lokal Perguruan Tinggi

Optimalisasi Pendapatan Asli Daerah Melalui Peningkatan Efektivitas Kegiatan Updating Data dan Penilaian Objek Pajak Bumi dan Bangunan Kota Medan

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Khaira's FinLit Go

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Logo Kota Kita

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Logo Kota Kita

KHAIRA AMALIA FACHRUDDIN , HILMA TAMIAMI FACHRUDIN

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Swamp Residence: Permukiman Lahan Resapan Air Berkelanjutan Tahan Banjir Dan Mandiri Energi, Inovasi Lifted House And Swamp Building System

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Eco-Smart and Sustainable Vertical Village: Relokasi Penduduk Bantaran Sungai Deli ke Dalam Satu Bangunan Green Berbasis IoT dan AI

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Eco-Smart and Sustainable Vertical Village: Relokasi Penduduk Bantaran Sungai Deli ke Dalam Satu Bangunan Green Berbasis IoT dan AI

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Orion Advanced Fish Market: Konsep Revitalisasi Pasar Ikan Dengan Memanfaatkan Sumber Daya Pesisir Guna Mendukung Perekonomian Indonesia

ZUHERNI SYUHADA MUTHMAINNAH HUTABARAT , YUNISA SIANTURI , ADISTY AYU HAFIZAH , ADEK ZAHRAN ARAVI , MUHAMMAD HABIB RIVA RAMADHAN MATONDANG , HILMA TAMIAMI FACHRUDIN

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Orion Advanced Fish Market: Konsep Revitalisasi Pasar Ikan Dengan Memanfaatkan Sumber Daya Pesisir Guna Mendukung Perekonomian Indonesia

HILMA TAMIAMI FACHRUDIN , ADEK ZAHRAN ARAVI , MUHAMMAD HABIB RIVA RAMADHAN MATONDANG , ADISTY AYU HAFIZAH , ZUHERNI SYUHADA MUTHMAINNAH HUTABARAT , YUNISA SIANTURI

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Pengujian Sifat Termal Material Menggunakan Differential Scanning Calorimetry (DSC)

AZHARI , Oki Handinata , Ilham Pangestu , Sally Irvina Ritonga , RAHMI KAROLINA , HILMA TAMIAMI FACHRUDIN

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Perencanaan dan Desain Kota Hijau

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AGRAPANA: Eco-Architecture Building Second Home For Nature As A Vertical Urban Forest For Urban Community

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Maja Block City : Perencanaan Kota Tumbuh Berkelanjutan Dengan Ketahanan Bencana Dan Kemandirian Energi Bagi Kehidupan Di Masa Depan

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BATA RINGAN BERBAHAN DASAR FLY ASH

HILMA TAMIAMI FACHRUDIN

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