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*Mohammad Dolok Lubis, S.T., M.Sc. was born in Medan on May 5, 1972, and is a lecturer in Architecture at Universitas Sumatera Utara. He completed a Master's Program in Planning at USM in 2007.*

## Publications

0202

Prosiding seminar nasional

### **Penerapan Arsitektur Hijau dan Ruang Adaptif Pada Bangunan Perpustakaan Daerah Deli Serdang**

MOHAMMAD DOLOK LUBIS

2023

Jurnal nasional terakreditasi

### **Application of Cosmology Concepts to Nias Cultural Park Planning**

MOHAMMAD DOLOK LUBIS

2022

Prosiding seminar nasional

### **Museum Simalungun Pematang Siantar Ditinjau dari Arsitektur Vernakular dan Ruang Adaptif**

MOHAMMAD DOLOK LUBIS

2023

Prosiding seminar nasional

### **Ruang Adaptif Mitigasi Gempa Bumi pada Perencanaan Bangunan Akuarium Edutainment Sumatera Utara**

MOHAMMAD DOLOK LUBIS

2024

Prosiding seminar internasional

### **Building for tomorrow: A green building approach to children and youth activity center in Medan City**

MOHAMMAD DOLOK LUBIS

2022

Poster seminar nasional

### **Penerapan Desain Inklusif Terhadap Perencanaan Pasar Tradisional Kota Tarutung**

MOHAMMAD DOLOK LUBIS

2022

Prosiding seminar nasional

### **Studi Pendekatan Arsitektur Adaptif pada Perencanaan Taman Budaya di Kota Gunungsitoli**

MOHAMMAD DOLOK LUBIS

2023

Jurnal nasional

# Application of Metaphorical Architecture to the Karo Cultural Center

MOHAMMAD DOLOK LUBIS

2024

Prosiding seminar internasional

## Interior planning of the veterinary hospital examination room with a functional architectural approach in Medan city

MOHAMMAD DOLOK LUBIS

2023

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## Development planning of Lapangan Merdeka Pematangsiantar with visible landscape approach

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Jurnal nasional terakreditasi

## Contemporary Design of Cultural Park in Binjai City

MOHAMMAD DOLOK LUBIS

2025

Prosiding seminar internasional

## A Model for Arranging the Sutomo Street Corridor as an Area of Livability and Sustainability City Towards Sustainable City and Architecture

DEVIN DEFRIZA HARISDANI , MOHAMMAD DOLOK LUBIS , AMY MARISA , ALYA DESKY DARMAWAN , DINA YUSRIYAH , DZAKI MUZHAFAR FARIIS , Ahmad Sanusi Hassan , Aulia Malik Affif

2025

Jurnal internasional bereputasi

## Angle of Folding of Dynamic Kinetic Façade Configuration for Air Velocity and Indoor Air Temperature in a Naturally-Ventilated Hotel Guestroom in the Hot and Humid Climate

MOHAMMAD DOLOK LUBIS , Mohamad Fairus Mohd Rafi , Muhammad Hafeez Abdul Nasir , Mohd Hafizal Mohd Isa , Mohd Najib Mohd Salleh , Hazril Sherney Basher

2022

Prosiding seminar nasional

## Kebutuhan Rumah Sakit Hewan di Kota Medan Berkaitan dengan Ruang Adaptif

MOHAMMAD DOLOK LUBIS

2022

Prosiding seminar nasional

## Kajian Penerapan Ruang Adaptif pada Perencanaan Kebun Botani

MOHAMMAD DOLOK LUBIS

2016

Prosiding seminar internasional

## Planning for riverside area as water tourism destination to improve quality of life local residents, case study: Batuan-Sikambang River, Medan, Indonesia

MOHAMMAD DOLOK LUBIS

2024

Prosiding seminar internasional

## Energy Conservation: Utilization of Artificial Intelligence (AI) in Entertainment Industrial Design, Case Study on Jalan Sutomo, Medan

MOHAMMAD DOLOK LUBIS

2025

Jurnal internasional bereputasi

## A space syntax study on the Cornell University, College of Veterinary Medicine

MOHAMMAD DOLOK LUBIS , Ying Chi Tan , Muhammad Hafeez Abdul Nasir , Ahmad Sanusi Hassan , Jestin Nordin , Yasser Arab

2024

Prosiding seminar internasional

## Behavioral architecture approach in the design of mental health hospital in

## Medan city

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## Researches

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2023

Penelitian Dana Lokal Perguruan Tinggi

### **Model Penataan Koridor Jalan Sutomo Medan Sebagai Kawasan Kota Layak Huni Dan Keberlanjutan Menuju Kota Dan Arsitektur Berkelanjutan**

MOHAMMAD DOLOK LUBIS , AMY MARISA , DEVIN DEFRIZA HARISDANI , DINA YUSRIYAH , MUHAMMAD AKBAR NASUTION , AISYAH SALSABILA , ALYA DESKY DARMAWAN , DZAKI MUZHAFAR FARIIS

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2022

### **Dekorasi pada Arsitektur Mandaiing**

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## Community Services

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2023

Ipteks Bagi Masyarakat

### **Penguatan Kemampuan Pengetahuan, Ilmu, Dan Teori Tentang Bangunan Hijau Pada Guru Dan Siswa Sman 1 Medan Sebagai Upaya Percepatan Kualitas Lingkungan**

MOHAMMAD DOLOK LUBIS , AMY MARISA , DEVIN DEFRIZA HARISDANI , AISYAH SALSABILA , DZAKI MUZHAFAR FARIIS , MUHAMMAD AKBAR NASUTION , FARHAN SYARIFUDDIN , MOHAMMAD ILHAM

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