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## Publications

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2025

Jurnal internasional bereputasi

### **Characteristics of Asphalt Concrete Wearing Course (AC-WC) Mixture with The Addition of Cigarette Filter Waste**

DERRY WILIYANDA NASUTION , ADINA SARI LUBIS , ANDY PUTRA RAMBE , ZUL FADLI ARDI SIREGAR , Avdesh Bhardawaj , M. Fadil Natoras Nasution , Yadvendra Ahlawat , Raghav Bhardwaj

2023

Jurnal nasional

### **Stabilisasi Tanah Lempung Menggunakan Palm Oil Fuel Ash (POFA) dan 20% Kapur Dolomit (CaMg(CO<sub>3</sub>)<sub>2</sub>) Ditinjau dari CBR dan Kuat Tekan Bebas**

DERRY WILIYANDA NASUTION , SELFI ANISA , IKA PUJI HASTUTY

2022

Jurnal internasional bereputasi

### **The Characteristics of The Asphalt Concrete Wearing Course (AC-WC) Using SIR20 Solid Rubber Compound**

ZULKARNAIN A MUIS , DERRY WILIYANDA NASUTION , ADINA SARI LUBIS , ANDY PUTRA RAMBE

2023

Jurnal nasional

### **Stabilisasi Tanah Lempung Menggunakan Palm Oil Fuel Ash (POFA) dan 20% Kapur Dolomit (CaMg (CO<sub>3</sub>)<sub>2</sub>) Ditinjau dari CBR dan Kuat Tekan Bebas**

IKA PUJI HASTUTY , DERRY WILIYANDA NASUTION , SELFI ANISA

2024

Jurnal nasional

### **The Effect Of Clam Shell Powder And Fly Ash as Clay Stabilizier on California Bearing Ratio (CBR) And Unconfined Compression Test (UCT)**

IKA PUJI HASTUTY , FAHMI KHUSAIRI I , DERRY WILIYANDA NASUTION

2023

Prosiding seminar internasional

### **Direct user benefit of Medan-Binjai toll road based on vehicle operating cost**

M RIDWAN ANAS , DERRY WILIYANDA NASUTION , IKA PUJI HASTUTY

2024

Jurnal nasional

### **The Effect Of Clam Shell Powder And Fly Ash as Clay Stabilizier on California Bearing Ratio (CBR) And Unconfined Compression Test (UCT)**

IKA PUJI HASTUTY , DERRY WILIYANDA NASUTION

2024

Jurnal nasional terakreditasi

### **Lateks KKK60 Pravulkanisasi sebagai Modifier Campuran Aspal (AC-WC)**

ADINA SARI LUBIS , DERRY WILIYANDA NASUTION , ANDY PUTRA RAMBE , RIZKI APRILIA SARI

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# Researches

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2021

Penelitian Dana Lokal Perguruan Tinggi

## **PENGARUH PENAMBAHAN LATEKS KKK60 PRAVULKANISASI TERHADAP KARAKTERISTIK CAMPURAN ASPAL AC-WC**

ADINA SARI LUBIS , ANDY PUTRA RAMBE , ZULKARNAIN A MUIS , DERRY WILYANDA NASUTION

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2023

Penelitian Dosen Pemula

## **PENGARUH LAMA PENYIMPANAN TERHADAP KARAKTERISTIK CAMPURAN ASPAL AC-WC MODIFIKASI LATEKS KKK60 PRAVULKANISASI**

ADINA SARI LUBIS , DERRY WILYANDA NASUTION

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2021

Penelitian Dana Lokal Perguruan Tinggi

## **PENGARUH PENGGUNAAN KOMPON KARET PADAT SIR 20 TERHADAP KARAKTERISTIK CAMPURAN BERASPAL AC-WC**

ADINA SARI LUBIS , ANDY PUTRA RAMBE , ZULKARNAIN A MUIS , DERRY WILYANDA NASUTION

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2025

Penelitian Fundamental

## **MODEL SISTEM DINAMIK TERHADAP KEBIJAKAN TARIF TOL**

M RIDWAN ANAS , DERRY WILYANDA NASUTION , IKA PUJI HASTUTY , FARIDSYAH LUTHFI SIREGAR

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# Community Services

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2023

## **Pengkajian Troublespot di Wilayah Polretabes Medan dan di Wilayah Hukum Polres Toba**

M RIDWAN ANAS , DERRY WILYANDA NASUTION

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