

# **BULETIN**

# **F I S I K A**

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Terbit setiap enam bulan sekali

## Kata Pengantar

Puji syukur kami panjatkan kehadapan Tuhan Yang Maha Esa atas terbitnya Buletin Fisika Program Studi Fisika Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Udayana, Volume 23, No. 1, February 2022.

Dalam volume Buletin kali ini, kami memuat delapan artikel yang merupakan hasil penelitian dan studi *literature*, yaitu:

1. *Calibration of the BMP280 and ESP-12S Based Wireless Atmospheric Pressure Measure Equipment Using a Pressure Chamber*, Arief Laksono, I Gusti Agung Widagda
2. *Design of a Digital Temperature and Humidity Measuring Instrument Using ATmega 328P Microcontroller*, Hadi Apriandi, I Made Satriya Wibawa, I Gde Antha Kasmawan
3. *Smoke Distribution Patterns Analysis on Meteorological Conditions on Kalimantan Island Related to Forest and Land Fires: A Case Study Forest Fires In September 2019*, Ivan Bachtiar Pandapotan, Komang Ngurah Suarbawa, I Gusti Agung Widagda
4. *Effect of Combination of X-Ray Tube Current and Exposure Time on Contrast to Noise Ratio (CNR) using Computed Radiography*, Ni Wayan Mega Savira Utami, Ni Nyoman Ratini, I Putu Eka Juliantara
5. *Simulation of Microwave Effects on Heating Some Bio-Oil Basic Components*, Wayan Trimawiasa, I Nyoman Sudiana, La Aba
6. *Mapping the Level of Earthquake Hazards in Banyuwangi Region Based on Peak Ground Acceleration*, Muhamad Abdul Ghofur, I Ketut Sukarasa, Rudy Darsono
7. *Introduction of Spectral Reflectance Pattern in Benoa Bay as an Indicator of Density Change of Mangrove Based on Landsat 8 Image*, Wiwik Kurniawati, I Made Yuliara, Ni Nyoman Ratini, Windarjoto
8. *Analysis of Electrical Energy Consumption Control System in A-205 JTE PNB Lecture Building Based on Bidirectional Visitor Counter*, I Made Sumerta Yasa, I Wayan Teresna, I Wayan Raka Ardana
9. *3D Modelling of Subsurface Structures of Mount Anak Ranakah and Surrounding Using Gravity Method*, Desiderius Jarut, I Ketut Sukarasa, Ida Bagus Alit Paramarta

Kami mengucapkan terimakasih kepada semua pihak terkait yang telah membantu terlaksananya penerbitan Buletin ini, dan kepada pembaca kami mohon kritik dan saran yang membangun untuk kesempurnaan Buletin Fisika ini.

**Redaksi**

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