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Ade Candra joined Universitas Sumatera Utara as a lecturer in 2009. He got his Bachelor and Master degrees from Universitas Gadjah Mada. Then he received a Doctor of Philosophy in Engineering from Kanazawa University, Japan, in 2019. He has a research interest in Geographic Information Science, Disaster Mitigation, and Mixed Reality.

Studying in Japan has given him opportunities to manage and join some international conferences in Japan and Korea, take VR training by Forum8 in Japan, and take a short course in China. He cooperated with Japan's local disaster prevention community to manage the main evacuation shelter using mixed reality. In Indonesia, he has experience in supporting local government officers to utilize GIS in managing their territory.

He is a Spatial Planning and Sustainable Development (SPSD) community member and editor for the IRSPSD journal. He is also a member of the ICT Volunteer and has experience with the Indonesian and Korean governments for ICT volunteer projects.

Publications

2024

Prosiding seminar internasional

Utilization of K-Means Clustering to Examine Library User Segmentation's Impact on Student Graduation Rates

ADE CANDRA , MOHAMMAD ANDRI BUDIMAN , IHDI SYAHPUTRA RITONGA

2023

Prosiding seminar internasional

Synthetic Data Generation Using Time-Generative Adversarial Network (Time-GAN) to Predict Cash ATM

ADE CANDRA , FERI RANJA , ERNA BUDHIARTI NABABAN

2024

Prosiding seminar internasional

Enhancing Digital Document Security with Elliptic Curve Digital Signature Algorithm and Watermarking Techniques

M ABDUL GANI , ADE CANDRA , ERNA BUDHIARTI NABABAN

2024

Prosiding seminar internasional

Improved accuracy of long short term memory (LSTM) algorithm in chili price prediction

ADE CANDRA , BENNY BENYAMIN NASUTION

2020

Prosiding seminar internasional

Dijkstra's and A-Star in Finding the Shortest Path: a Tutorial

MOHAMMAD ANDRI BUDIMAN , ADE CANDRA

2024

Prosiding seminar internasional

Combination of 2DPCA, sPCA, and Ridge Regression Model for Face Recognition

ADE CANDRA , RUSNAI RAHAYU

2024

Prosiding seminar internasional

Data Preprocessing on Triage Data for Predicting ICU Transfer within 24 Hours

ANDRIAN REINALDO CRISPIN , ADE CANDRA , OPIM SALIM SITOMPUL

2019

Jurnal internasional bereputasi

Feasibility study of mixed reality on education of design and planning students based on Bloom taxonomy

ADE CANDRA

2022

Jurnal internasional bereputasi

Legal Aid Online Application for People with Disabilities - Opportunities and Challenges

ADE CANDRA , NINGRUM NATASYA , ROSMALINDA

2026

Prosiding seminar internasional

An Analysis of The Mamdani Complex Fuzzy Inference System for Sunshine Duration Prediction

ADE CANDRA , RAHMAT WIDIA SEMBIRING , HARIO TAMTOMO SINAGA

2025

Jurnal internasional bereputasi

Monitoring Land Surface Temperature on Urban Expansion using Normalised Difference Vegetation Index and Google Earth Engine

ADE CANDRA

2024

Prosiding seminar internasional

Utilizing Fine-Tuning ResNet-18 For Acute Leukemia Diagnosis From Blood Smear Images

ADE CANDRA , BEDY PURNAMA , TRIANDES SINAGA

2021

Prosiding seminar internasional

Application of A-Star Algorithm on Pathfinding Game

ADE CANDRA , MOHAMMAD ANDRI BUDIMAN

2026

Tulisan ilmiah

Riset Awal: Pengembangan Pola Requirements untuk Pengembangan Perangkat Lunak Pendukung Sistem Informasi

ADE CANDRA

Researches

2021

Penelitian Unggulan Perguruan Tinggi

PEMANFAATAN APLIKASI LAYANAN BANTUAN HUKUM ONLINE BAGI PENYANDANG DISABILITAS

NINGRUM NATASYA , ADE CANDRA , ROSMALINDA
