



Portfolio

Ridho Saifulhaq

<https://ridhosflhq.github.io>

Curriculum Vitae



Ridho Saifulhaq

About Me

I am a graduate of the Cartography and Remote Sensing study program from Gadjah Mada University. I have an interest in environmental studies topics such as environmental conservation, animal conservation. Apart from that, I am also interested in social topics such as history, population, and urban dynamics such as transportation and migration.

Profile

Name : Ridho Saifulhaq
Birthdate : Purworejo, 28 Agustus 1999
Based : Yogyakarta
Language : Indonesia (Native), English

Education

SMPIT Abu Bakar Yogyakarta
MAN Insan Cendekia Pekalongan
Universitas Gadjah Mada
Majoring Cartography and Remote Sensing

Skills

Geospatial Data Processing
Remote Sensing Analysis
Geospatial Information system
Cartography
Basic SQL

ArcGIS
QGIS
Envi
Idrisi
GEE

Experience

Practicum Assistant in Cartography Laboratory
and Geographic Information Science Laboratory at UGM

Writer and Editor at SKM Bulaksumur UGM

Work Experience

POI Verifier at Quadrant

GIS Technician at PT Pangrancana Spasialindo Pratama

- Developed base maps for RDTR (Detailed Spatial Plan) preparation.

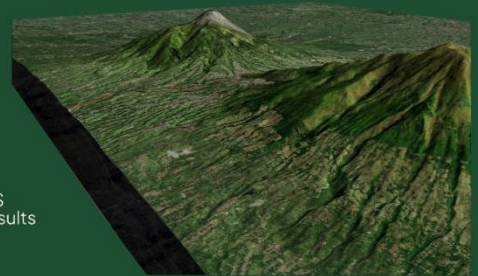
- Created spatial and spatial structure maps for RDTR

- Conducted spatial analysis to support urban planning initiatives.

- Collaborated and engaged in discussions with relevant stakeholders to ensure alignment and gather input for planning processes.

3D Visualization

- Maxar Satellite Image
- DEMNAS



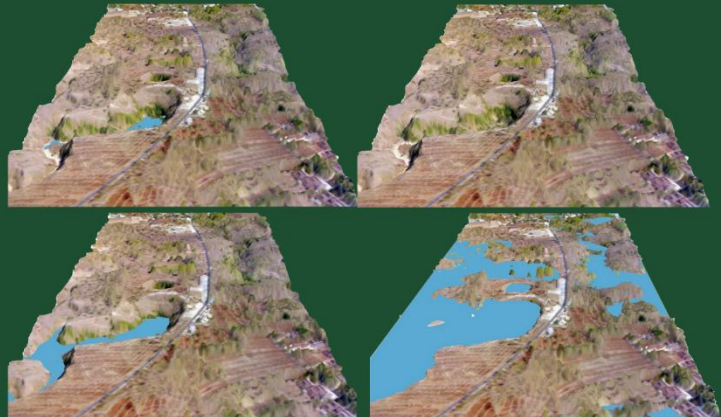
3D Map

- AMS Land Use Map
- DEMNAS



Compiled using a combination of raster-based processing using data materials in the form of the 1963 US AMS map and DEMNAS data.

Flood Inundation Modeling



Compiled using modeling results from Lidar point cloud data and animated by modeling flood water rises.

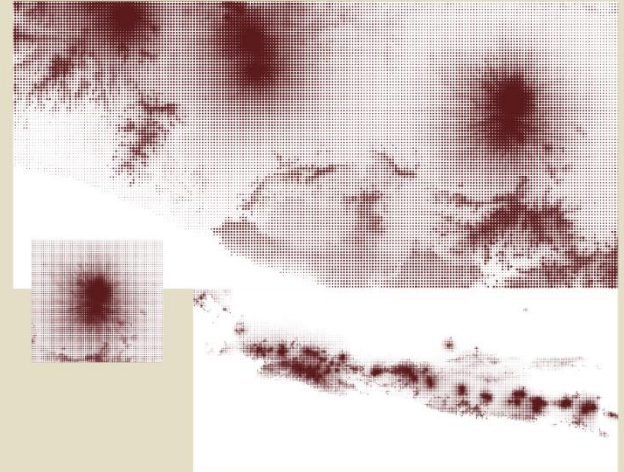
Customize Google Map Appearance



Customizing the Google Map style is done by changing several coloring and appearance styles from the existing default. Customization was carried out with inspiration from the map of one of the games that was popular some time ago, namely GTA San Andreas.

Halftone Map

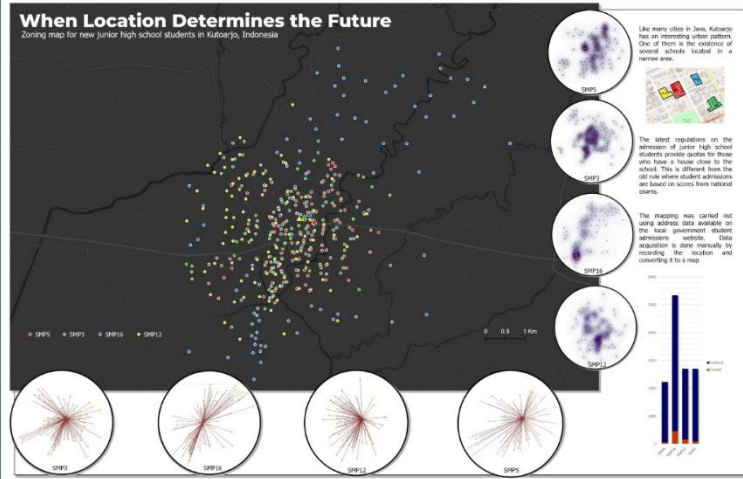
- DEMNAS



Compiled using processing in the form of a symbology configuration that utilizes values from altitude data. Produces a map with symbol density indicating the greater the existing height value. The material used is DEM (digital elevation model) elevation data.

When Location Determines the Future

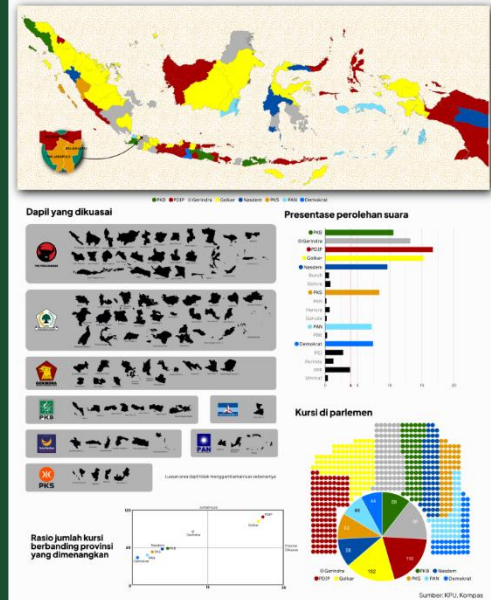
Zoning map for new junior high school students in Kutoarjo, Indonesia



The map was prepared to take part in the 2022 GISCI Map Competition map competition. The map shows the distribution of houses for students accepted into the State Middle School PPDB program in Purworejo Regency in 2021 at 4 State Middle Schools in Kutoarjo. Data taken from the Purworejo Regency PPDB Website. Data is presented in several forms of presentation, making it easier to read the data.

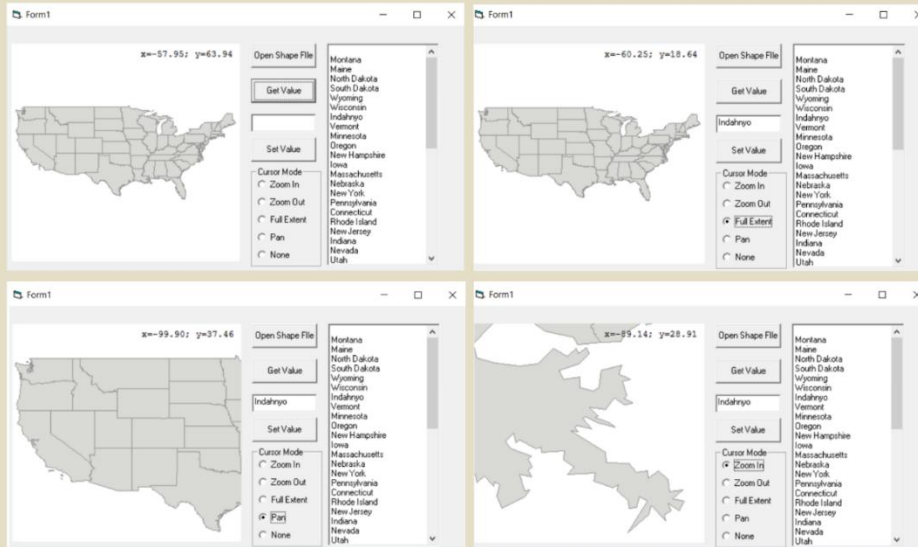
Pemenang Pemilu di Setiap Dapil

Pada 2024, Indonesia menyelenggarakan pemilihan umum yang salah satunya adalah pemilihan parlemen. Terdapat 18 Partai nasional yang bertanding di 84 daerah pemilihan. Berikut ringkasan umum dari proses pemilu pada tanggal 14 Februari 2024.



Infographics show a general description of the Indonesian Election 2024. Compiled from the official data of the General Election Commission (KPU) and Kompas.

Preparing a Simple Data Shapefile Program



Compiled by Microsoft Visual Basic 6.0, using several programming tools and scripts.
Allows the program to open shapefile files, display object names, and rename objects.