













MiKids

Mitigation game for kids

A mobile apps-based game about disaster risk reduction (DRR) for early childhood (7-8 years old).

si Midi



Children are a vulnerable group to disaster



Therefore, educating them must be the priority

Educational game can boost their understanding



So that, they will be an agent of change in the future



The game's menu consist of disaster classification

Flood prevention game as an example





Get to know the neighbourhood's game



SHORT BIO

- The team was first met at a student union namely "Young Researcher Community" at Universitas Negeri Jakarta
- The idea about DRR for early childhood was generated from scientific paper which has been successfully accepted at National Student Scientific Week (PIMNAS) at Gadjah Mada University in 2020

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NUSANTARA FLOOD?







EXPERT





Nusantara Analysis Flood (NUSAFLOOD)

What's new?

- NUSAFLOOD is a website that functions in the impact of analyzing (agriculture, urban, population) affected by flooding.
- Users can find out and experiment in visualizing flood-affected areas of an area.

Inspiration

The rise of floods that occurred in Indonesia. Especially the flooding in NTT due to the influence of Tropical Cyclone Seroja in early April 2021.



Technology



Cloud Computing

Combination of computing in an internetbased network.









Satellite Image

- Sentinel-1 SAR GRD: C-band SAR GRD
- MCD12O1.006 MODIS Land Cover
- JPOPULASI JRC Global Surface Water Mapping Layers v1.3

Let's Access NUSAFLOOOD!

The results of the work on the **NUSAFLOOD Web**

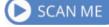




arco.de/NUSAFLOODbyALLUVIONE

Web Usage Demo Video





arco.de/demowebNUSAFLOOD

ALLUVIONE

Undergraduate Student of the Department of Geography, Faculty of Mathematics and Natural Sciences, University of Indonesia



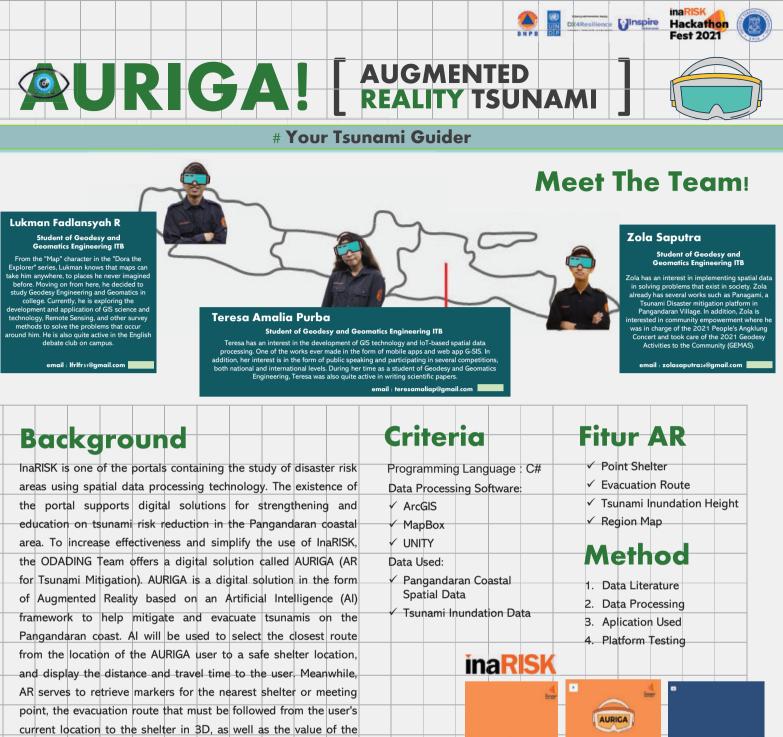
Sachi **Andini** "Let's Mitigate Flood!"





REFERENCE

UN SPIDER. Step-by-Step: Recommended Practice: Flood Mapping and Damage Assessment using Sentinel-1 SAR data in Google Earth Engine. Diakses melalui https://un-spider.org/advisory-support/recommended-practices/recommended-practices/recommended-practices-google-earth-engine-flood-mapping/step-by-step



immersion height during a tsunami.

Procedure Start Registration Login to **Inarisk** Query No Yes

Finish

Open AURTGA **AURIGA**

"Is Okay if you Lose or Win "

- Our Supervisor





Edurisk

Educational game depicting events earthquake in a junior high school, this game aims to train attitude and responsiveness disaster.





Follow the instruction to survive when disaster come



Hackathon Fest 2021





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Fullstack web developme at the robotic pautomatio companies





