



UNIVERSITI  
TEKNOLOGI  
MARA

College of  
Built Environment

# Poster Book

**IIIDBEE X 2023**  
20 JANUARY 2023  
*International Invention, Innovation & Design Exposition  
for Built Environment and Engineering 2023*

**College of Built Environment  
UiTM Puncak Alam**  
20 January 2023 | Friday

**Editors:**

*Dr Aidatul Fadzlin Bakri, Nurzafira Zainul Abidin, Sr Dr Noor Akmal Adillah Ismail,  
Dr Har Einur Azrin Baharuddin, Assoc. Prof. Ts Gs Dr Abdul Rauf Abdul Rasam*



BY SUBJECT | 2022



[kab.uitm.my](https://www.kab.uitm.my)



[kab.uitm](https://www.kab.uitm)



[KAB UTM](https://www.kab.uitm)

#weareAlamBina

*Generations of Professional Excellence*

**Unleashing Potentials  
Shaping the Future**

# CONTENTS

---

**01 Contents**

**02 Preface**

**03 Welcome remarks**

**04 Exhibition layout**

**05 Event programme**

**06 List of entries**

**07 Poster category: Academician &  
Professionals**

**08 Poster category: Postgraduate**

**09 Poster category: Undergraduate**

**10 Appreciation**

# ASEAN GEOSOCIECOPOLITICS DASHBOARD

**IIIDBEE X 2023**  
20 JANUARY 2023  
International Invention, Innovation & Design Exposition  
for Built Environment and Engineering 2023



## INTRODUCTION

Our project, "Asean GeoSocioEcoPolitics Dashboard System (2021)" utilizes ArcGIS Online to create a dashboard system showcasing the density, political stability, urban population, GDP per capita, and economic growth of Southeast Asian countries by year 2021.

## ISSUES/ PROBLEM STATEMENT

- Assessing the **level of risk** associated with operating or visiting Southeast Asian countries.
- Understanding the **level of development** and **potential for growth** in Southeast Asian countries through urbanization data.
- Comparing the **levels of economic prosperity** and **standard of living** in Southeast Asian countries.

## OBJECTIVES

- To visualize and explore the political, economic, and social status of Southeast Asian countries.
- To provide a comprehensive and nuanced understanding of Southeast Asian countries.
- To create a valuable resource for businesses, investors, governments, and tourists interested in Southeast Asia.

## COMMERCIALIZATION

- Market the dashboard system to businesses, investors, governments, and tourists.
- Create reports for organizations seeking in-depth analysis.
- Utilize data and insights to provide valuable information and analysis

## NOVELTY

This project presents the diverse and comprehensive range of data on Southeast Asian countries, using ArcGIS Online to create an interactive and easily understandable dashboard system. It offers a valuable insight into the political, economic and social status of the region.

## FINDINGS

- There is a wide range of political stability among Southeast Asian countries, with some countries scoring highly positive and others scoring highly negative on the political stability scale.
- Urbanization is relatively high in some Southeast Asian countries, with a significant proportion of the population living in urban areas.
- Economic growth rates in Southeast Asian countries also vary significantly, with some countries experiencing strong growth while others have slower or negative growth.

## CONCLUSION

This project has provided a comprehensive and innovative perspective on the political, economic, and social status of Southeast Asian countries, using ArcGIS software to create a dashboard system that allows for easy visualization and exploration of the data. The project has the potential to be commercially successful and provides valuable insights and analysis for businesses, investors, governments, and tourists interested in Southeast Asia. It highlights the diverse and complex nature of the region and serves as a valuable resource for understanding the current status and potential for growth

## METHOD

### DATA COLLECTION

- Related to Political, Economic, and Social Status

### PRE – PROCESS

- Clean data using ArcGIS software
- Add administrative map with attributes

### CREATE WEB-MAP

- Process the data for a creation of interactive web-based map using ArcGIS online.
- Add symbols, Visual Variable.

### DESIGN DASHBOARD

- Design a dashboard system using ArcGIS Online



*" This project presents the diverse and comprehensive range of data on Southeast Asian countries, using ArcGIS Online to create an interactive and easily understandable dashboard system. It offers a valuable insight into the political, economic and social status of the region "*