

Creating Detail Geological Map based on students' final year geological mapping assignment using GIS

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This project explores the collection of final year geological mapping assignment of final year students in Department of Geological Engineering Faculty of Engineering Hasanuddin University in Makassar, Indonesia. One of the expected learning outcomes of this study program is able to create a detail geological map of a given area. Creating a higher resolution geological map based on students' final year geological mapping assignment can be an excellent project to enhance the students' skills and contribute to the field. \r\nThe assignment consists of steps where the students must perform to achieve the final geological map product using the concept of Geographic Information Systems (GIS). This includes data collection from the field of the given area, digitizing field maps, compiling additional data, integrating secondary data from different sources. Interpretation is essential to be done with all the data to create an accurate geological map. The final product of the map should be standardized with the layout and steps for Reviewing the map for accuracy and completeness and validation of the geological interpretations by comparing them with existing geological knowledge and consulting with experts if necessary. Finally, all the methodologies and data sources must be documented and presented to public.

Nationalism and Disinformation Perception of University Students in Mainland China

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Drawing upon empirical data collected from focus group discussions and survey experiments, this study examines university students' responses to online disinformation in mainland China. It finds that, regarding the controversy surrounding Japan's discharge of treated nuclear wastewater into the Pacific Ocean, nationalism is a major factor influencing university students' disinformation perception in mainland China. This study also reveals that, although university students show a level of tolerance for official disinformation from the Chinese government, the tolerance level gets decreased in cases where university students believe their personal interests are not protected by the Chinese state. This suggests the effect of nationalism on university students' disinformation perception in mainland China depends on whether students consider their personal interests are protected or not. In other words, Chinese university students' nationalism has a pragmatic dimension and this dimension is significant in deciding the effect of nationalism on their disinformation perception.

Data Analysis of Technology Utilization for Hybrid Classes: A Case Study

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As a result of the pandemic, educational institutions in the Philippines are slowly transitioning back to onsite conduct of classes. Currently, in our university, the minimum recommended onsite classes are 75% for Undergraduate subjects. Post pandemic, educational institutions are utilizing the use of online platform in teaching. The goal of the research is to relate online utilization of students of Learning Management System (LMS) and their class performance. Data from a Math General Education subject is utilized for this research. With this information, classes can be planned and adjusted to maximize student experience and learning. This research is a clear application of making use of data in planning our courses. This is especially helpful since the trend of the mode of teaching after pandemic is geared towards hybrid of online and onsite lectures. It will also be guide to both teachers and students in order maximize the experience and satisfy the objectives of the course. Initial results reveal that online participation for the two groups of data have a significant difference. But the grades of the students of the two have no significant difference. This contradicts the perception that onsite engagement will improve the performance of the students.