Review of: "CNN-Based Road Damage Detection"

Murat Yakar[1]

1 Mersin University

1. What is the main question addressed by the research? Please mention it shortly and clearly at the conclusion.

2. Do you consider the topic original or relevant in the field of the journal?

3. The introduction section is very weak and can be strengthened with a new and updated article.

Bayramoğlu, Z., & Uzar, M. (2023). Performance analysis of rule-based classification and deep learning method for automatic road extraction. International Journal of Engineering and Geosciences, 8(1), 83-97. https://doi.org/10.26833/ijeg.1062250

Mohamed, A., & Bayram, A. F. (2020). UTILIZING A GEOMECHANICAL CLASSIFICATION TO PRELIMINARY ANALYSIS OF ROCK SLOPE STABILITY ALONG ROADWAY D340- 41.42, SOUTHWEST OF TURKEY: A CASE STUDY. Turkish Journal of Engineering, 4(1), 9-16. https://doi.org/10.31127/tuje.579869

Karataş, L., Alptekin, A. ., & Yakar, M. (2022). Detection and documentation of stone material deterioration in historical masonry structures using UAV photogrammetry: A case study of Mersin Aba Mausoleum. Advanced UAV, 2(2), 51–64. Retrieved from https://publish.mersin.edu.tr/index.php/uav/article/view/735

Karagianni, A. (2022). Road extraction through digital processing and visual interpretation of satellite images. International Journal of Engineering and Geosciences, 7(3), 264-271. https://doi.org/10.26833/ijeg.977032

Yakar, M., et al., 2023. Discontinuity set extraction from 3D point clouds obtained by UAV photogrammetry in a rockfall site. Survey review, 55 (392), 1–13.

4. What is YOLOv5? Please explain it in the methodology section.

5. The conclusion is very short.

6. Are the references appropriate for this manuscript?