

3D Modelling of Faculty of Physical Science Ahmadu Bello University Zaria Kaduna State Nigeria

Stephen Dauda Yabo, Kaka Zenabu Atta and Ishaq Sani Muhammad (Nigeria)

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SUMMARY

A 3-dimensional (3D) modelling of Faculty of Physical Science Ahmadu Bello University Zaria was carried out to produce a 3D model of the area. The area which is approximately 0.250ha was obtained from the perimeter survey carried out and also the spatial and attribute data within the study area were acquired using Leica Total Station and Google earth software and also plotted in ArcGIS. The study provides a very low cost and effective solution for visual 3D modelling and also provide a lot of possibilities for users for mapping and designing, and also help in decision making process to understand the 3-dimensional features in the study area.

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