

Dear Prof. Dr. Lam Kuok Choy,

Submission of Manuscript to Geografia

Hereby I enclosed a manuscript entitled “Three-Dimensional Tetrahedron Network (3D TEN) and Volumetric Geo-Objects (VGO) Data Model for Groundwater Simulation” for your Editorial team’s consideration for publication in Geografia.

2. This paper attempts to construct resistivity data in actual 3D environment using volumetric geo-objects (VGO) and 3D Tetrahedron Network (3D TEN) data structure. Subsurface data were collected using Vertical Electrical Sounding (VES) approach to analyse the geological structure of the study area. The study resulted high possibility of modelling resistivity data in 3D visualization. The 3D TEN and volumetric geo-objects (VGO) data model resulted better options in terms of modelling resistivity data and ground surface visualization. Thus, would enable related groundwater resources authorities and organizations to determine, maximise and manage groundwater resources as an alternate option to ensure continuous water supply. Below are the detail of the paper :

Title : Three-Dimensional Tetrahedron Network (3D TEN) and Volumetric Geo-Objects (VGO) Data Model for Groundwater Simulation

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3. I hope the submitted manuscript would be of interest to your journal. Below are the suggestion of Reviewers :

- a) Dr. Norhakim Yusof
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Thank you for considering the manuscript. I am looking forward to hear from you soon.

Yours sincerely,

Izham Mohamad Yusoff.