A Global Survey of Reference Frame Competency in terms of Education, Training and Capacity Building (ETCB): Results, Analysis and Update

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SUMMARY

Geodetic infrastructure such as continually operating reference stations are a vital component of reference frames around the world. As such, a strong foundation of Education, Training and Capacity Building is essential too for ensuring geodetic infrastructure can be established, maintained and operated correctly, but also that their data and information outputs can be processed, analysed and interpreted correctly.

In early 2018, the UN-GGIM Subcommittee on Geodesy sought to facilitate a self-assessment of all member nations' sovereign capabilities to manage and maintain reference frames. The Subcommittee's working group on Education, Training and Capacity Building developed an online Questionnaire seeking feedback specific to Reference Frame Competency. Feedback to this survey so far, has been provided by ninety-eight representatives of member states and observers across the world.

This paper presents the results of this survey, affords a brief analysis of the findings, and identifies a number of follow-on tasks for the UN-GGIM Subcommittee on Geodesy and its working groups to consider when defining the scope of the forthcoming Global Geodetic Centre of Excellence.

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