

Harnessing the Use of Information & Communication Technologies (ICT) in Surveying and Geo-Informatics Education in Tertiary Institutions in the South Eastern States of Nigeria

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SUMMARY

Information and communications technology (ICT) has become an indispensable tool in the field of Surveying and Geo-informatics. Surveying and Geo-informatics have encountered a gigantic leap especially since the emergence of ICT technologies around the world. This field of study has benefited so much from the steady advancement in computer, Satellite, Digital technologies and Geospatial Science. ICT has helped not only in teaching and knowledge dissemination but also in the aspect of data collection, database management and as well as in the overall end user specifications such as the delivery of high quality map products. The advancement in ICT technology has made the training of both Surveying and Geo-informatics a lot different from what it used to be in the last decades. The adoption of the latest Information and Communication Technologies (ICTS) in education must be embraced by all governments and stakeholders in education to speed up awareness on climate change and other contemporary global issues that are of spatial significance. Thus information and communication technology tools should be properly harnessed in Geomatics training in order to develop the needed capacity to face the daunting developmental challenges in this Nigerian Sub-region. This paper is a review of the role and impact of ICT in the field of Surveying and Geo-Informatics training in South Eastern Nigeria and the inherent benefits