

DEALING WITH NATURAL DISASTERS: COMPETENCES FOR THE LAND PROFESSIONAL.

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Abstract

‘Strengthening Education for Land Professionals’ was proposed as one of the themes for the 2015 Joint International Workshop in Nepal, organised by the Nepal Institution of Chartered Surveyors (NICS) and Nepal Remote Sensing and Photogrammetric Society (NRSPS), FIG Commission 2 and the ISPRS Commission IV, Working Group 4.

However, in the midst of the preparations for the workshop, Nepal was hit by a devastating earthquake. This recent earthquake in Nepal made the surveying community painfully aware of one of the major responsibilities in their profession: its contribution to disaster risk reduction and disaster risk management. For this reason the theme of the workshop was adapted to the urgent needs of people in Nepal in: "The role of Land Professionals and SDI in Disaster Risk Reduction: in the Context of Post 2015 Nepal Earthquake".

This paper therefore will address professional education and the challenges of the land professional in disaster risk management. A literature analysis will be conducted with aim to identify competences and training needs of the land professional in disaster risk reduction and management. Use will be made of two recent publications by FIG. The first is the FIG publication: The surveyor’s role in monitoring, mitigating and adapting to climate change (Hannah, et al, 2014)¹. This publication is the result of the work by the FIG Task Force on Surveyors and Climate Change. The second publication being explored is the Land Tenure and disaster Risk Management themed edition of the *Land Tenure Journal*, 2014(1)² and reflects in five articles the work undertaken by FAO in partnership with FIG Commission 7.

¹ Hannah, J. (ed.) (2014). Surveyor's role in monitoring, mitigating and adapting to climate change; (Vol. 65). Copenhagen: International Federation of Surveyors (FIG).

² FAO (2014). Thematic issue on land tenure and disaster risk management. *Land Tenure Journal*, 2014(1).