

# **Towards Utilising Volunteered Geographic Information for Land Administration in Vietnam: Stakeholder Perspectives**

**Duc-Mau Ngo (Viet Nam)**

**Key words:** Access to land; Cadastre; VGI, land administration, SDI

## **SUMMARY**

Administration of land - a scarce community resource, plays a crucial role in the achievement of government objectives and strategic aims. The effective land administration has supported socio-economic development through monitoring and controlling the use of land, allocating rights, restrictions and responsibilities of stakeholders. Tenure security and access to real-time land information have been considered as essential factors in the governance and collaboration of government departments. Since early 2000s, Vietnam has committed itself to develop a modern land administration system towards an e-land administration, in order to increase access to land by all stakeholders. Large investments have been made to achieve the goal, estimated about US\$60 million a year during the last twenty years. One of the activities, the cadastral survey and mapping were conducted and placed for management. However, the majority of them have been out of date and become insufficient after few years of completions. Increased use of VGI data as referencing sources to update land database will improve the quality of land data, reduce labor and financial resources. This will also strengthen the interaction between governmental authorities and citizens. This research employed a multi-method approach for investigating problems in using VGI data in order to draw the situation of utilisation of VGI for land administration in the country, to increase the effectiveness of a fit-for-purpose land administration system concept towards a spatially enabled society vision. The research findings were found, including low-capacity of institutional arrangements, lack of technical framework, social issues, and the limitation of stakeholder engagement.

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(9352)

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FIG Congress 2018

Embracing our smart world where the continents connect: enhancing the geospatial maturity of societies  
Istanbul, Turkey, May 6–11, 2018