

# Geo-Citizen Information System – A Strategic Initiative for Private and Public Sector Development in Sri Lanka

TS De Silva<sup>1#</sup>, RP De Silva<sup>2</sup> and NDK Dayawansa<sup>2</sup>

<sup>1</sup>Centre for Research and Development, Sri Lanka

<sup>2</sup>University of Peradeniya, Sri Lanka

#thirandesilva@gmail.com

Non availability of timely updated citizen, household, land and utility information is the major obstacle for administrators, decision makers and resource managers who are involved in strategic decision making in Sri Lanka. Available information on citizens, households, utilities and land is in various forms and various spatial scales which need a greater effort to analyze and visualize upon a common platform. Due to rapid development and changes in every aspect of the society, spatial and non-spatial information also rapidly undergo changes within a very short period of time. All these constraints and other limitations on spatial and non-spatial information have resulted in excessive use of manpower, equipment and other resources. The objective of this research is to develop a comprehensive state of the art, Open Source Geo – Citizen Information System Platform to integrate Spatial and Nonspatial attribute with Citizen Information. Intelligent and high processing capabilities on the platform will make it one of the highly accessible and user-friendly platforms available in the world. Methodological design was a somewhat unique and evolving model to suit any industrial requirements. After carrying out a comprehensive literature review and based on the conclusions, the development methodology for Geo-Citizen Information System Platform was designed and developed which was tested on the Precision agriculture, Disaster Management, Project Management and continued to evaluate the platform on different industries for proof of concept.

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