



Application of geospatial technologies for development of an efficient Election Management System in Meghalaya

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Abstract: The Election Commission of India (ECI) has been exploring the applications of geospatial technologies in order to improve the fidelity of the electoral rolls. This work presents an application of geospatial technology for development of an efficient Election Management System (EMS) for the state of Meghalaya. It also focuses on a geospatial approach adopted to model a strategy for identification of appropriate locations of Polling Stations (PS) with their corresponding Polling Areas (PA) within an Assembly Constituency (AC) or Parliamentary Constituency (PC) as per the guidelines of ECI.

Keywords: Election management system, Geospatial technology