

An Investigation of E-Government by Using GIS and Establishing E-Government in Developing Countries Case Study: Iraq

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Abstract : Electronic government initiatives and public participation to them are among the indicators of today's development criteria of the countries. After consequent two wars, Iraq's current position in, for example, UN's e-government ranking is quite concerning and did not improve in recent years, either. In the preparation of this work, we are motivated with the fact that handling geographic data of the public facilities and resources are needed in most of the e-government projects. Geographical information systems (GIS) provide most common tools not only to manage spatial data but also to integrate such type of data with nonspatial attributes of the features. With this background, this paper proposes that establishing a working GIS in the health sector of Iraq would improve e-government applications. As the case study, investigating hospital locations in Erbil is chosen.

Keywords : e-government, GIS, Iraq, Erbil

Conference Title : ICEG 2016 : International Conference on e-Government

Conference Location : Zurich, Switzerland

Conference Dates : January 12-13, 2016