

THE CARTOGRAPHICAL REPRESENTATION OF RURAL CADASTRAL WORKS IN MEXICO

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The Programa de Certificación de Derechos Ejidales y Titulación de Solares Urbanos (PROCEDE) has been change radically cartographical production work in Mexico. For one side, the size of the project, that when finish has been surveying 51% of the national territory, and the need to have it in a very short time period, has conducted to the National Institute of Geography,

Statistics and Informatics (INEGI) to adopt the state of art technology. For this to aspect Mexico didnot prepared. Among different kinds of difficulties to development of the project, it was detecte the correct interpretation of the cartographical information.

This last aspect encorage to development a research to simplify the Universal Transverse Mercator (UTM) projection, producing a variation of this projection. This variation is easy understanding for non specializate user in cartographical aspects, and keep all the possible cartographical characteristics.

This paper shown the Transversa Modificada Ejidal (TME) projection, which it is base for cartographycal representation of works made by INEGI, inside its participation at PROCEDE.