Declaration

I declare that this dissertation is my own unaided work. It is being submitted to the Degree of Master of Science in Civil Engineering Project Management to the University of the Witwatersrand, Johannesburg. It has not been submitted before for any degree or examination to any other University.

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Abstract

Prior 1994, South Africa did not resemble a background of actively participatory communities in local and provincial government development affairs. Democracy exposed new emphasis on government activities and the commencement of respect for human rights. This approach differed from the old-style authoritarian concept where community consideration was limited.

The dissertation intends to cover research in relation to technological transfer and policy implementation. It targets three groups of participants: the academia, the government, and the community. The objectives consist of establishing processes of technological transfer through community participation, to provide possible solutions for the deficiencies found in policies and implementation and to establish methods of integration of social, psychological and technical elements in the community participation procedure.

This study uses the descriptive/normative survey method.The descriptive research method combines *qualitative* and *quantitative* research methods to obtain data.

The results illustrate a formation of a participatory process model which incorporates the views of all the various levels of participants and external factors influencing the tiers of the model.

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