

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



**Sudan University of Science and Technology  
College of Graduate Studies  
Department of Surveying Engineering**

**Integration of GPS and GIS as Applied on the  
Design of a Reliable Cadastral System**

**تطبيق تكامل نظام التوقيع العالمى ونظم المعلومات الجغرافية فى  
تصميم نظام كاداستر معتمد**

**By\ ABDEL RAHIM ELHAG ABDEL AZIZ**

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of the Degree of Ph.D of Philosophy in Surveying  
Engineering**

**Supervisor: Dr.K.M.Badi**

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