

**SUDAN UNIVERSETY OF SCIENCE AND TECHNOLOGY**

**College of Graduate Studies and Scientific Research**

**Impact of Improvement Practices on Sustainable  
Rangeland Management in Semi-arid Areas**

( (Wad Omer Area - North Omdurman

**أثر أنشطة تحسين المرعى فى الإدارة المستدامة  
للمرعى**

**بالمناطق شبه الجافه " منطقة مشروع ودعمر- شمال  
أمدرمان "**

**By**

**Samia Alsmane Babeker Farah**

**(B.Sc. (Honors**

**Collage of Forestry and Range Science**

Thesis Submitted in Fulfillment of the Requirements for the  
Degree of M.Sc. in Rangeland Science

**Supervisor: Dr. Abdelaziz karamalla Gaiballa**

**Co Supervisor: Dr. Elkheir Mugadam Salih**

**March 2012**