

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ

استهلال

يَا أَيُّهَا النَّاسُ اعْبُدُوا رَبَّكُمُ الَّذِي خَلَقَكُمْ وَالَّذِينَ
مِنْ قَبْلِكُمْ لَعَلَّكُمْ تَتَّقُونَ (21) الَّذِي جَعَلَ لَكُمْ
الْأَرْضَ فِرَاشًا وَالسَّمَاءَ بِنَاءً وَأَنْزَلَ مِنَ السَّمَاءِ
مَاءً فَأَخْرَجَ بِهِ مِنَ الثَّمَرَاتِ رِزْقًا لَكُمْ فَلَا تَجْعَلُوا
(لِلَّهِ أَنْدَادًا وَأَنْتُمْ تَعْلَمُونَ) 22

سورة البقرة

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Dedications

I dedicate this research

- To all my family

- To all my

friends

-To

all my teachers

hager

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List of abbreviations

-AOAD..... Arab Organization of Agricultural Development

-CBS & SSCCSE..... Central Bureau of Statistics & Southern Sudan
Commission for Census, Statistics and Evaluation

-FAO..... Food and Agricultural Organization

-UNESCO....United Nations Educational, Scientific and Cultural
Organization

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Abstract

This study was conducted in Khartoum state. Sharq an-Nīl locality, Bahri locality and Umdurmān locality. It aimed to investigate the main differences between traditional range management and ranching system.

The methods used for data collection was socio-economic survey for pastoral communities. Primary data was collected by using questionnaires. Secondary data was collected from visits , books ,scientific papers and reports .

Three localities were selected to represent study area. Random samples were used of respondents according to the size of herders and ranchers in each localities, which represent 10% of target group, with about 80 questionnaires. 40 respondents from herders and 40 respondents from ranchers are engaged .

The result showed that, the main differences between traditional range management system and ranching system include, the differences in land tenure , type and time of nutrition , water sources and frequency , veterinary services and the differences in management activities in each system .

The study suggests application of more modern management technology in ranches to improve the present traditional range management systems. Also increase the range management practices which can lead to improve the vegetation cover as well as to increase the rangeland production by reseeding new plant species and determine the rangeland carrying capacity.

ملخص الدراسة

أجريت هذه الدراسة في ولاية الخرطوم بمحليات شرق النيل ، أم درمان وبحري. هدفت الدراسة إلى التعرف إلى الاختلافات الرئيسية بين نظام إدارة المراعي التقليدية ونظام المزارع الرعوية. تم جمع المعلومات الأولية بإجراء المسح الاجتماعي والاقتصادي للمجتمعات الرعوية وتصميم استبيان. تم جمع المعلومات الثانوية من الزيارات الميدانية، الأوراق العلمية، الكتب و التقارير العلمية.

تم اختيار منطقة الدراسة، اختيرت عينة عشوائية وفقا لحجم الرعاة وأصحاب المزارع الرعوية في كل محلية بنسبة 10 % من المجموعات المستهدفة، التي تمثل 80 استبيان وزعت مناصفة بين الرعاة الرحل وأصحاب المزارع الرعوية بحيث تم تحديد 40 استبانة لكل منهما .

خلصت الدراسة أن الاختلافات الرئيسية بين نظام إدارة المراعي التقليدية ونظام المزارع الرعوية تتمثل في الاختلافات في ملكية الأراضي ، نوع ووقت تغذية الحيوان مصادر المياه وعدد مرات شرب الحيوان ، ونوع الخدمات البيطرية والاختلافات في النشاطات الإدارية في كلا النظامين.

اقترحت الدراسة ضرورة تطبيق نظم إدارية أكثر حداثة واستخدام نظام المزارع الرعوية لتحسين نظم إدارة المراعي التقليدية. كذلك زيادة تطبيقات إدارة المراعي التي يمكن أن تؤدي إلى تحسين الغطاء النباتي ، وزيادة إنتاجية المراعي بواسطة استزراع الأنواع النباتية الجيدة وتحديد قدرة تحمل المراعي.