

**ASSESSING THE ENVIRONMENTAL IMPACTS OF  
PHOSPHATE MINING IN OSUKULU SUBCOUNTY TORORO  
DISTRICT.**

**BY**

**NAKASANGO PROSCOVIA.**

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**SUPERVISOR.**

**MR. TURYAHABWE REMIGIO.**

**A RESEARCH PROPOSAL SUBMITTED TO THE  
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**DECLARATION**

I, NAKASANGO PROSCOVIA do hereby declare that this dissertation is a result of my own individual effort and has not been submitted to any institution of higher learning of any award.

Student's signature.....Date.....

NAKASANGO PROSCOVIA

**APPROVAL.**

This is to certify that this research work is for NAKASANGO PROSCOVIA, entitled "assessing the impacts of phosphate mining in Osukulu sub county Tororo district. "has been under my supervision and is now ready for submission to the department of geography for approval.

Supervisor's signature..... Date.....

TURAHABWE REMIGIO.

## **DEDICATION**

This book is a special dedication to my entire family Mr.Kasango Fred and Mrs. Kasango Justine for their entire efforts my supervisor Mr.Turyahabwe Remigio and my friends who have tried their level best to bring me up to this far morally and this has been the source of courage and inspiration throughout this school life .May God provide them with more of life as a special gift. Thanks so much.

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## **ABSTRACT**

The purpose of the study is to assess the environmental impacts of phosphate mining in osukulu Sub County in Tororo district. The study aimed at identifying the methods of extracting phosphate mineral and it revealed the following; placer mining, In-situ and surface mining.

The impacts of phosphate mining on the land and vegetation cover in Osukulu sub county and included deforestation, loss of biodiversity, loss of soil fertility.

The impacts on the atmosphere included pollution, death of organs, noise pollution.

The strategies towards conserving the biophysical environment included the following sensitization of the public, working cooperatively with the management, tree planting, proper disposal of waste materials, adding cover on the land and also planting native grass.

## **CHAPTER ONE**

### **INTRODUCTION.**

This chapter presents the background to the study, problem statement, and purpose of the study, specific objectives, research questions, significance, and scope, background of the study area, limitations and delimitations of data collection.

### **BACKGROUND OF THE STUDY.**

The factories of osukuru industrial complex are located in sukulu hills in Osukulu County, Tororo district, Eastern region of Uganda and approximately 206km by road east of Kampala the capital and largest city of Uganda. The approximate coordinates of the osukuru industrial complex are 0 37'25.0''N, 34 09'13.0''E (Latitude: 0.623611; Longitude: 34.153611).

A considerable amount of minerals particularly flint, phosphorus and iron have been known to exist in sukulu hills south west of Tororo town as far back as 1954.

Starting around 2008, the government of Uganda began engaging various investors including a local firm Nilefos limited a subsidiary of madhivan group to commercially exploit the deposits. Local land owners in the mining area, however, filed lawsuit against the government, protesting the development. The landowners lost that case in 2010

In 2013, the government started negotiations with Guangzhou Dong Song Energy Company from china to set up a mining and manufacturing operations at osukuru. In2014 the government and landowners agreed that exploration and construction should begin.

Construction begun in 2014 and was expected to last for two years. Commissioning was expected during the fourth quarter of 2016.

After delays, construction resumed in October 2015, starting with the office blocks and staff housing. Construction is by the 23 Metallurgical construction group companies limited.

In february2016, the developers reached financial closure with ICBC for a loan worth US\$240 million. Some of the industries are expected to be commissioned in October 2018.

In March 2018 the industrial complex advertised the first 92 jobs looking to hire welders store keepers, drivers, security guards and supervisors.

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