Compare the soil quality between Khuan Pring Subdistrict, Mueang District, and Thung Krabue Subdistrict, Yan Ta Khao District, Trang Province.

Research Team: Ms. Surangsiri Dangyong
Ms. Papada Raham
Ms. Pratthana Sangsri
Grade level: Mathayom5

Advisor : Teacher Kwanjai Kanjanasrimek
Teacher Suthira Thachin
School: Wichianmat School, Trang Province

Study point

The land area studied is at Khuan Pring Subdistrict, Mueang District, Trang Province, Thailand, 7°31'21.7" N 99°36'13.2"E

Land area in Tung Krabue Subdistrict, Yan Ta Khao District, Trang Province, Thailand 7°25'11.0"N 99°37'57.6"E

Abstract

study aimed to compare soil quality in Yan Ta Khao District, Trang Province and Mueang District, Trang Province, Thailand. The instruments used were pH, light intensity, soil moisture, and soil temperature using a garden soil moisture tester, light lux meter, and pH meter. The GLOBE method was used. The results showed that soils from both sources in Tambon Khuan Pring, Mueang District, Trang Province, Thailand, and soils in Tambon Thung Krabue, Yan Ta Khao District, Trang Province, Thailand, were very different. This can be seen from the experiments and the comparisons were made in tables and the average values were found.

Acknowledgements

This study was successfully completed because of the kind advice and assistance from Khru Khwanjai Kanchanasrimek and Khru Suthira Thachin, the environmental science subject advisors. The researcher feels very grateful and grateful. Therefore, the researcher would like to express her deepest gratitude. On this occasion, the researcher would like to thank the teachers and staff of Wichianmat School for giving various ideas and suggestions, which made this research more complete.

Finally, I would like to thank Khru Khwanjai Kanchanasrimek and Khru Suthira Thachin for providing complete information, which made this study successful in a short period of time. I would also like to thank many other people who helped me, whose names I cannot mention here.

Introduction

Background and significance of the problem

Soil quality comparison is an important process in studying and analyzing natural resources. In particular, soil is an important resource for living, which is an important factor in agriculture and environmental conservation. Each type of soil has different properties, such as acidity-alkalinity, soil moisture, soil light intensity, soil temperature of the soil where plants grow, and soil with various forms. Therefore, the researcher is interested in conducting research on the soil quality comparison project in Khuan Pring Subdistrict, Mueang District and Thung Krabue Subdistrict, Yan Ta Khao District.

Research Question

Is the quality of soil in Yan Ta Khao District and Mueang District different?

Hypothesis

Soil quality in Yan Ta Khao District and Mueang District is different.

Study area

Soil at khuanpring

Soil at thungkrabue

Materials and equipment

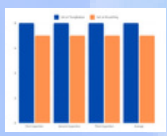
1. pH paper or pH pen or pH meter
2 . Light intensity meter
3 . Needle or digital soil thermometer

How to conduct research

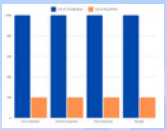
Chapter 1

3.1 Methods for measuring pH in soil
3.2 Light intensity in soil
3.3 Soil moisture measurement
3.4 Soil temperature measurement
3.5 Examine the soil texture.

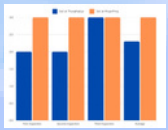
Research results



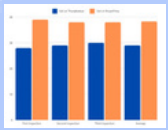
Picture 1. Bar chart showing the summary results of soil pH testing.



Picture 2 Bar chart showing the results of soil light intensity measurements.



Picture 3 Bar chart showing the results of soil moisture measurements.



Picture 4 Bar chart showing the summary results of soil temperature measurements.

Summary and discussion of research results

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Reference documents

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