

PHYSICAL CHEMICAL BIOLOGICAL
CHARACTERISTICS OF
SOILS

by

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PHYSICAL- CHEMICAL-BIOLOGICAL CHARACTERISTICS OF SOILS
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SUMMARY

The main purpose of this project is to investigate and report on the types of soils available with emphasis on these in Cyprus and on the physical, chemical and biological characteristics of them.

Also to state major tests and specifications.

The approach followed was based on ten chapters. Chapters 1 and 2 were entirely devoted on giving information about the origination and formation of soils as well on the types of soil deposits.

In chapter 3 it was discussed and analysed in detail the different types of soils, based on their particle size. Additionally the chapter gives information about the mineral composition, structure and other characteristics for every type of soil.

Index test and soil classification system are discussed in chapters 4 and 5.

In chapter 6 and 7 the physical and biological characteristics of soils are given. Also stating their impact on the whole assemblage (typical values of the above characteristics are given).

A Geological study of Cyprus is presented chapter 8, referring to the main zones, formations and minerals resources.

The main types of soils are discussed in chapter 9. Finally in Chapter 10, six different test which had been performed are analysed and the results are discussed.

C O N T E N T S

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