

145

PLANATION SURFACES AND THEIR CHARACTERISTICS ON TINOS ISLAND (CYCLADES-GREECE).

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Abstract

Planation surfaces are megaforms characterised by horizontal structure, which cut various rocks and tectonic structures. Thereby, they are the result of previous relief cycle erosion and have been developed independently of the geological structure. Thus, in each geomorphological cycle, these forms represent stability and planation phases of the relief.

Cycladic Islands are characterised by an assorted planation surfaces' relief, which could derive from older planation surfaces or younger pedimentation stages.

The scope of this paper is to study the planation surfaces of Tinos Island and their morphological characteristics, specifically their dimensions and size, their shape, their slope and slope direction, as well as their geographical distribution.