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TITLE OF DIPLOMA THESIS:

Military Port Constructions

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ABSTRACT

Greece constitutes a demanding "theatre" for port constructions, thanks to its diverse coast line and the numerous islands of all sizes. In addition, the recent geostrategic challenges make the port constructions an ideal tool of demonstrating and underlining national presence over areas where rich oil and gas fields are emerging, according to the last surveys that take place in the SE Mediterranean Sea. On the other hand, the military port constructions have to take into account many challenges, because of their special characteristics and the challenges they face. To this task, a presentation of selected port constructions of different scales will be demonstrated, focusing mainly on their unique characteristics and the differences from the majority of these constructions

KEYWORDS

Waves, Deep Water Area, Energy Spectrums(SMB, JONSWAP, Pierson-Moskowitz), HUDSON Type, Van Der Meer Type, Weibull, Reyleigh, Iribarren Number, Concrete Cubes, Tetrapods, Acropods, Dolos, Core-locs, Tribars