

# Introduction to the Analysis and Design of Offshore Structures– An Overview

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## **ABSTRACT**

*This paper provides a broad overview of some of the key factors in the analysis and design of offshore structures to be considered by an engineer uninitiated in the field of offshore engineering. Topics covered range from water wave theories, structure-fluid interaction in waves to the prediction of extreme values of response from spectral modeling approaches. The interested reader can then explore these topics in greater detail through a number of key references listed in the text.*

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