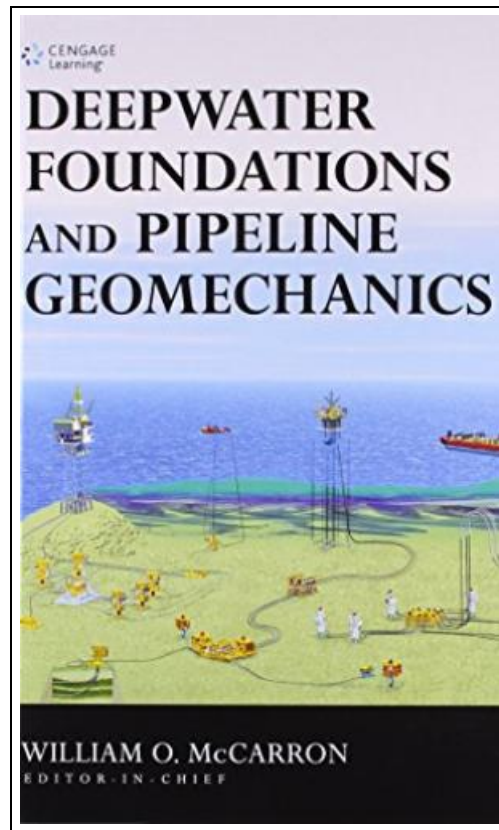


## Deepwater Foundations and Pipeline Geomechanics



Filesize: 6.12 MB

### ***Reviews***

*This publication is very gripping and interesting. We have go through and so i am confident that i am going to planning to read through yet again again in the foreseeable future. You are going to like how the blogger write this ebook.*  
***(Dr. Thaddeus Turner PhD)***

## DEEPWATER FOUNDATIONS AND PIPELINE GEOMECHANICS

[DOWNLOAD PDF](#)

J. Ross Publishing/Cengage Learning India Pvt. Ltd, 2014. Hardcover. Book Condition: New. First edition. Practicing engineers in the offshore engineering industry will find in this contributed handbook practical information on current oil field production development practices for foundations and subsea flowlines. The technical challenges associated with deepwater developments have led to significant innovations. The contributors are practicing engineers and academics who have been at the forefront of offshore geotechnical development for several decades. Until the 1980s, the most common design concerns for offshore foundation and pipeline engineering were associated with extreme storm loadings, earthquakes, mudflows, fatigue, and installation activities. Engineers today face additional concerns, including: submarine slope failures, thermal buckling of pipelines, catenary riser interaction with the seafloor, vortex induced vibration of flowlines, shallow water flows encountered during drilling operations, and thermal interaction of pipelines with permafrost. This handbook describes recent advances in geophysical data acquisition and evaluation as they relate to offshore developments, as well as foundation and pipeline design considerations. The presentation is focused on deepwater geotechnics as well as subsea and Arctic pipeline design considerations, but engineers will find much of it applicable to other situations. Tables of Contents:- Chapter 1 - Deepwater Foundations and Pipeline Geomechanics William O. McCarron 1.1 Introduction 1.2 Integrated Geophysical Investigations 1.3 Foundation Concept Selection and Design 1.4 Pipeline Geomechanics 1.5 Foundation Analysis and Centrifuge Model Testing 1.6 Probabilistic Risk Analysis 1.7 References Chapter 2 - Deepwater Integrated Geosciences Studies Alan G. Young and Vernon Kasch 2.1 Introduction 2.1.1 Chapter Overview 2.1.2 Technological Improvements 2.2 Objective of an Integrated Site Investigation 2.3 Spatial Variability and Data Uncertainty 2.4 Planning Study with 3D Seismic Data 2.5 Geophysical Site Survey 2.5.1 Data Acquisition 2.5.2 Deepwater Geophysical Tools 2.5.3 Deepwater Geophysical Survey 2.5.3.1 Single-Beam Echo-Sounder 2.5.3.2 Multi-beam Echo-Sounder 2.5.3.3 Side-Scan Sonar 2.5.3.4 Sub-Bottom Profiler 2.6...

[Read Deepwater Foundations and Pipeline Geomechanics Online](#)[Download PDF Deepwater Foundations and Pipeline Geomechanics](#)

## Other eBooks



**TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Save PDF »](#)



**TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Save PDF »](#)



**Klara the Cow Who Knows How to Bow (Fun Rhyming Picture Book/Bedtime Story with Farm Animals about Friendships, Being Special and Loved. Ages 2-8) (Friendship Series Book 1)**

Createspace, United States, 2015. Paperback. Book Condition: New. Apoorva Dingar (illustrator). Large Print. 214 x 149 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Klara is a little different from the other...

[Save PDF »](#)



**TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Save PDF »](#)



**The Tale of Jemima Puddle-Duck - Read it Yourself with Ladybird: Level 2**

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, The Tale of Jemima Puddle-Duck - Read it Yourself with Ladybird: Level 2, This is a gentle adaptation of the classic tale by Beatrix Potter. Jemima...

[Save PDF »](#)