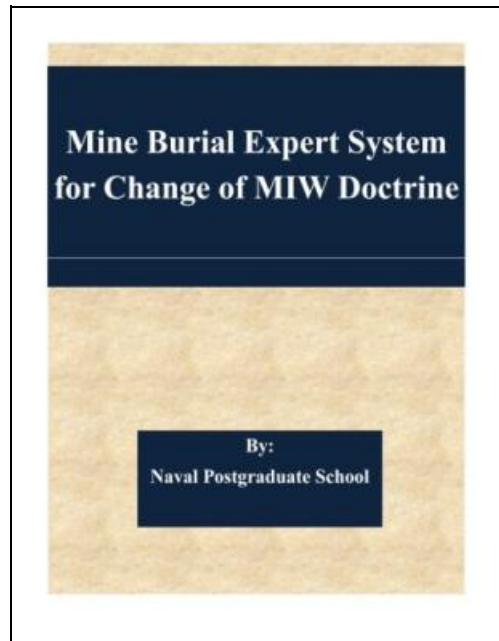


Mine Burial Expert System for Change of Miw Doctrine (Paperback)



Filesize: 1.66 MB

Reviews

Absolutely among the finest pdf I have got possibly read. I am quite late in start reading this one, but better then never. It is extremely difficult to leave it before concluding, once you begin to read the book.
(Prof. Lois Cormier II)

MINE BURIAL EXPERT SYSTEM FOR CHANGE OF MIW DOCTRINE (PAPERBACK)



Createspace Independent Publishing Platform, United States, 2015. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Mine impact burial models such as IMPACT25, IMPACT28, and IMPACT35 have been used in the MIW community in an attempt to calculate the percentage of impact burial for sea mines. Until recently the models have been deterministic, using parameters such as sediment type, air and sea trajectories, drop angle, and mine type to calculate the percentage of burial. These models have been relatively effective in calculating impact burial, but little attention has been given to the temporal effects on mine burial, known as scour burial. Another shortfall of the deterministic modeling approach is the inability to capture the stochastic nature of the input parameters. To address these issues the John Hopkins University Applied Physics Laboratory (JHU-APL), in conjunction with the NRL has developed the Mine Burial Expert System (MBES). The MBES is a Bayesian network of physics based, deterministic models, observational data, and expert opinion. It provides the opportunity to give input parameters as probability density tables (PDTs) and receive a burial percentage as an output distribution. This allows its user to capture the variability of input parameters and converge them into variability in the burial prediction, providing valuable risk data to the mine countermeasure (MCM) Commander. The MBES has been incorporated into the Environmental Post Mission Analysis (EPMA) tool for Naval Oceanographic Office (NAVO), which could give the MCM planners an idea of the confidence level of its predictions. To understand how the variability and confidence levels can be used and how it may affect current doctrine, a series of tests have been run through the MBES. A thorough review of the results can have a significant effect on future use of the system and subsequent changes to MIW...



[Read Mine Burial Expert System for Change of Miw Doctrine \(Paperback\) Online](#)



[Download PDF Mine Burial Expert System for Change of Miw Doctrine \(Paperback\)](#)

You May Also Like

**Trouble Free Travel with Children Over 700 Helpful Hints for Parents of the Go by Vicki Lansky 2003 Paperback**

Book Condition: Brand New. Book Condition: Brand New.

[Save eBook »](#)

**Change of Heart**

POCKET BOOKS, United States, 2014. Paperback. Book Condition: New. 170 x 104 mm. Language: English . Brand New Book. Two childhood playmates grow into more than just friends in #1 New York Times bestselling author...

[Save eBook »](#)

**Letters to Grant Volume 2: Volume 2 Addresses a Kaleidoscope of Stories That Primarily, But Not Exclusively, Occurred in the United States. It de**

Createspace, United States, 2013. Paperback. Book Condition: New. 216 x 140 mm. Language: English . Brand New Book ***** Print on Demand *****.Volume 2 addresses a kaleidoscope of stories that primarily, but not exclusively, occurred...

[Save eBook »](#)

**Girl Heart Boy: Rumour Has It (Book 2)**

Penguin Books Ltd, United Kingdom, 2012. Paperback. Book Condition: New. 196 x 128 mm. Language: English . Brand New Book. Real love. Real lives. The real thing . Girl Heart Boy is the irresistible new...

[Save eBook »](#)

**Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .**

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually...

[Save eBook »](#)