

Projecting future sea level rise; methodology, estimates to the year 2100, and research needs



Filesize: 4.78 MB

Reviews


I just started off reading this article pdf. It is probably the most remarkable ebook we have go through. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Jeanette Kreiger)

PROJECTING FUTURE SEA LEVEL RISE; METHODOLOGY, ESTIMATES TO THE YEAR 2100, AND RESEARCH NEEDS



RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 30 pages. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1983 Excerpt: . . . the several decades that this might require, these managers need a smaller uncertainty range. This can be achieved by reducing the uncertainties surrounding the individual assumptions that must be made to project sea level rise. Interpreting the observed sea level rise will be difficult. Many factors that cause short-term variations in global temperature and sea level have not been modeled, including the internal dynamics of the climate system, changes in ocean circulation, and year-to-year fluctuations in volcanic activity. Thus, if the sea rises 9 to 13 centimeters by 2000 (the most probable range), then it will be difficult to determine the amount of this rise caused by the greenhouse warming, as opposed to temporary fluctuations caused by other factors, unless better monitoring and research is undertaken. It will be even more difficult to determine the percentage of the rise that should be attributed to thermal expansion versus glacial contribution. Better research and monitoring could help ensure that our ability to forecast sea level rise improves as additional data becomes available. UNDERSTANDING THE SOURCES OF DIFFERENCES BETWEEN SCENARIOS CAN HELP FOCUS RESEARCH PRIORITIES The estimates of thermal expansion vary by a factor of four. However, the greatest source of uncertainty is the rate of transfer of snow and ice from land to sea, which varies by a factor of eight between the low and high scenarios. Unfortunately, there has been insufficient funding of coordinated work between glaciologists, climate modelers, and Southern Hemisphere oceanographers to estimate this important source of sea level r...

 [Read Projecting future sea level rise; methodology, estimates to the year 2100, and research needs Online](#)

 [Download PDF Projecting future sea level rise; methodology, estimates to the year 2100, and research needs](#)

You May Also Like



Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers (Paperback)

Rarebooksclub.com, United States, 2012. 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 download...

[Read eBook »](#)



A Kindergarten Manual for Jewish Religious Schools; Teacher s Text Book for Use in School and Home (Paperback)

Rarebooksclub.com, United States, 2012. 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 download...

[Read eBook »](#)



A Year Book for Primary Grades; Based on Froebel s Mother Plays (Paperback)

Rarebooksclub.com, United States, 2012. 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 download...

[Read eBook »](#)



Southern Educational Review Volume 3 (Paperback)

Rarebooksclub.com, United States, 2012. 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 download...

[Read 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 . (Paperback)

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...

[Read eBook »](#)