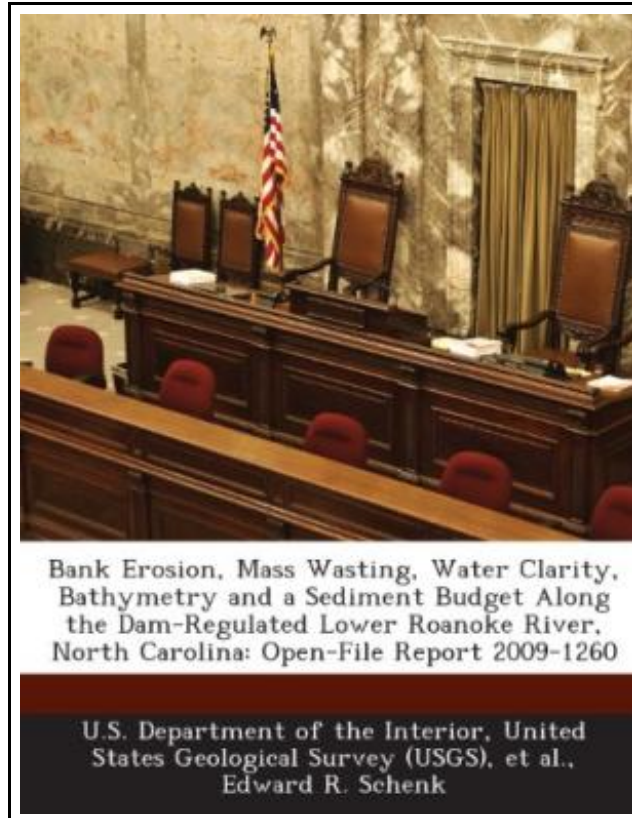


## Bank Erosion, Mass Wasting, Water Clarity, Bathymetry and a Sediment Budget Along the Dam-Regulated Lower Roanoke River, North Carolina: Open-File Report 2009-1260 (Paperback)



Filesize: 9.09 MB

### ***Reviews***

*Absolutely essential read through pdf. it was actually writtern extremely flawlessly and valuable. You will like how the writer publish this book.*

*(Destin Leffler)*

## **BANK EROSION, MASS WASTING, WATER CLARITY, BATHYMETRY AND A SEDIMENT BUDGET ALONG THE DAM-REGULATED LOWER ROANOKE RIVER, NORTH CAROLINA: OPEN-FILE REPORT 2009-1260 (PAPERBACK)**



To read **Bank Erosion, Mass Wasting, Water Clarity, Bathymetry and a Sediment Budget Along the Dam-Regulated Lower Roanoke River, North Carolina: Open-File Report 2009-1260 (Paperback)** eBook, you should refer to the web link below and save the ebook or gain access to other information that are in conjunction with BANK EROSION, MASS WASTING, WATER CLARITY, BATHYMETRY AND A SEDIMENT BUDGET ALONG THE DAM-REGULATED LOWER ROANOKE RIVER, NORTH CAROLINA: OPEN-FILE REPORT 2009-1260 (PAPERBACK) ebook.

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Dam construction and its impact on downstream fluvial processes may substantially alter ambient bank stability, floodplain inundation patterns, and channel morphology. Most of the world's largest rivers have been dammed, which has prompted management efforts to mitigate dam effects. Three high dams (completed between 1953 and 1963) occur along the Piedmont portion of the Roanoke River, North Carolina; just downstream, the lower part of the river flows across largely unconsolidated Coastal Plain deposits. To document bank erosion rates along the lower Roanoke River, more than 700 bank erosion pins were installed along 124 bank transects. Additionally, discrete measurements of channel bathymetry, water clarity, and presence or absence of mass wasting were documented along the entire 153-kilometer-long study reach. Amounts of bank erosion in combination with prior estimates of floodplain deposition were used to develop a bank erosion and floodplain deposition sediment budget for the lower river. Present bank erosion rates are relatively high [mean 42 millimeters per year (mm/yr)] and are greatest along the middle reaches (mean 60 mm/yr) and on lower parts of the bank on all reaches. Erosion rates were likely higher along upstream reaches than present erosion rates such that erosion rate maxima have migrated downstream. Mass wasting and water clarity also peak along the middle reaches.



**Read Bank Erosion, Mass Wasting, Water Clarity, Bathymetry and a Sediment Budget Along the Dam-Regulated Lower Roanoke River, North Carolina: Open-File Report 2009-1260 (Paperback) Online**



**Download PDF Bank Erosion, Mass Wasting, Water Clarity, Bathymetry and a Sediment Budget Along the Dam-Regulated Lower Roanoke River, North Carolina: Open-File Report 2009-1260 (Paperback)**

## See Also



[PDF] **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)**

Access the web link under to download and read "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)" PDF document.

[Download PDF »](#)



[PDF] **Ohio Court Rules 2013, Practice Procedure (Paperback)**

Access the web link under to download and read "Ohio Court Rules 2013, Practice Procedure (Paperback)" PDF document.

[Download PDF »](#)



[PDF] **Froebel s Occupations (Paperback)**

Access the web link under to download and read "Froebel s Occupations (Paperback)" PDF document.

[Download PDF »](#)



[PDF] **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)**

Access the web link under to download and read "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)" PDF document.

[Download PDF »](#)



[PDF] **The First Epistle of H. N. a Crying-Voyce of the Holye Spirit of Loue. Translated Out of Base-Almayne Into English. (1574) (Paperback)**

Access the web link under to download and read "The First Epistle of H. N. a Crying-Voyce of the Holye Spirit of Loue. Translated Out of Base-Almayne Into English. (1574) (Paperback)" PDF document.

[Download PDF »](#)



[PDF] **Variations on an Original Theme Enigma , Op. 36: Study Score (Paperback)**

Access the web link under to download and read "Variations on an Original Theme Enigma , Op. 36: Study Score (Paperback)" PDF document.

[Download PDF »](#)