


[DOWNLOAD PDF](#)

Application of Acoustic and Optic Methods for Estimating Suspended-Solids Concentrations in the St. Lucie River Estuary, Florida: USGS Scientific Investigations Report 2004-5028

By Eduardo Patino, Michael J Byrne

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Acoustic and optic methods were applied to estimate suspended-solids concentrations in the St. Lucie River Estuary, southeastern Florida. Acoustic Doppler velocity meters were installed at the North Fork, Speedy Point, and Steele Point sites within the estuary. These sites provide varying flow, salinity, water-quality, and channel cross-sectional characteristics. The monitoring site at Steele Point was not used in the analyses because repeated instrument relocations (due to bridge construction) prevented a sufficient number of samples from being collected at the various locations. Acoustic and optic instruments were installed to collect water velocity, acoustic backscatter strength (ABS), and turbidity data that were used to assess the feasibility of estimating suspended-solids concentrations in the estuary. Other data collected at the monitoring sites include tidal stage, salinity, temperature, and periodic discharge measurements.



[READ ONLINE](#)
[6.85 MB]

Reviews

It in a single of the best pdf Of course, it can be enjoy, still an amazing and interesting literature. I discovered this publication from my i and dad encouraged this pdf to learn.

-- **Baron Steuber**

A brand new e book with a brand new standpoint. It really is simplified but unexpected situations in the 50 % of the publication. Your daily life period will likely be transform as soon as you full looking over this publication.

-- **Dr. Carmine Hammes**