

REMOTE SENSING TEAM'S PUBLICATIONS

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Applied and Theoretical Remote Sensing/GIS, Environmental Chemistry/Water Quality, Coastal Processes/Coastal Morphology, Oceanography/Hydrology, Programming/Statistical Analysis

PUBLICATIONS

- Ramsey III, E., A. Rangoonwala, M. S. Thomsen, and A. Schwarzschild, in progress. Determining the optical properties of the seagrass, *Gracilaria*.
- Marsh, Q., A. Blum, R. Christian, E. Ramsey III, and A. Rangoonwala, in progress. Mapping the condition of *Spartina alterniflora* associated with sudden wetland dieback.
- Ramsey III, E., Y. Suzuoki, and A. Rangoonwala, in progress. Monitoring marsh canopy optical and structure changes with Landsat TM and ALOS PALSAR satellite data and site-specific measurements.
- Ramsey III, E., D. Werle, Y. Suzuoki, A. Rangoonwala, and Z. Lu, in progress. Limitations and Potential of Optical and Radar Satellite Imagery to Monitor Environmental Response to Coastal Emergencies in Louisiana, USA
- Ramsey III, E., A. Rangoonwala, and T. Bannister, in USGS review. Forest storm impact and recovery mapped with the Normalized Difference Water Index based on Landsat Thematic Mapper image data.
- Ramsey III, E., and A. Rangoonwala, resubmission. Bottomland hardwood type related to hurricane impact severity.
- Ramsey III, E., J. Spruce, A. Rangoonwala, Y. Suzuoki, J. Smoot, and J. Gasser, in review. Monitoring wetland forest recovery along the lower Pearl River with daily MODIS satellite data.
- Ramsey III, E., Z. Lu, Y. Suzuoki, A. Rangoonwala, and D. Werle, in submission. Monitoring duration and extent of storm surge flooding along the Louisiana coast with Envisat ASAR data. *IEEE Journal of Selected Topics in Earth Observations and Remote Sensing*.
- Ramsey III, E., A. Rangoonwala, M. S. Thomsen, and A. Schwarzschild, in submission. Flat-plate techniques for measuring reflectance of macro-algae (*Ulva curvata*). *International Journal of Remote Sensing*.
- Ramsey, E., III, A. Rangoonwala, M. S. Thomsen, and A. Schwarzschild, in submission. Spectral definition of the macro-algae *Ulva curvata* in the back-barrier bays of the Eastern Shore of Virginia, USA. *International Journal of Remote Sensing*
- Ramsey III, E., A. Rangoonwala, R. Christian, and A. Marsh, in submission. Spectral reflectance of purple bacteria occurring in an upper saline marsh. *American Society of Limnology and Oceanography*
- Ramsey III, E. and A. Rangoonwala, in press. Mapping the Onset and Progression of Marsh Dieback. editor Yeqiao Wang, *Remote Sensing of Coastal Environments*, Publisher CRC Press "Remote Sensing Applications Series."
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PROPOSALS

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