

# HICO annual report 2014

## Publications

Keith, Schaeffer, Lunetta, Gould, Rocha & Cobb. 2014. Remote sensing of selected water-quality indicators with the hyperspectral imager for the coastal ocean (HICO) sensor. *International Journal of Remote Sensing*. 35(9): 2927-2962.

Mishra, Schaeffer, & Keith. 2014. Performance evaluation of normalized difference chlorophyll index in northern Gulf of Mexico estuaries using the Hyperspectral Imager for the Coastal Ocean. *GIScience and Remote Sensing*. 51(2): 175-198.

## Presentations:

Keith, D., 2014. Hyperspectral Imager for the Coastal Ocean (HICO): Application of Space-based Hyperspectral Imagery for the Protection of the Nation's Coastal Resources. Presented at the USEPA Atlantic Ecology Division, February 6, Narragansett, Rhode Island.

Keith, D. NASA interview on HICO Imaging and application to water quality in coastal bays and estuaries. For inclusion in an online series of videos about the International Space Station benefits to humanity. Filmed 12/23/13.

Keith, D. NASA TV Interview on HICO Application to coastal and estuarine water quality monitoring. Recorded 7/17/13. 2<sup>nd</sup> Annual International Space Station (ISS) Research and Development Conference, July 16-18, Denver, Colorado

Keith, D., J. Aukamp, D. Cobb, R. Conmy, G. Craven, R. Gould, J. Jagy, J. Lehrter. R. Lunetta. M. Murrell, K. Rocha, and B. Schaeffer, 2013. ISS Hyperspectral Imager for the Coastal Ocean (HICO): Application of Space-based Hyperspectral Imagery for the Protection of the Nation's Coastal Resources. Presented at the 2<sup>nd</sup> Annual International Space Station (ISS) Research and Development Conference, July 16-18, Denver, Colorado.

Keith, D., J. Aukamp, D. Cobb, R. Conmy, G. Craven, R. Gould, J. Jagy, J. Lehrter. R. Lunetta. M. Murrell, K. Rocha, and B. Schaeffer, 2012. Application of Hyperspectral Imager for the Coastal Ocean (HICO) Imagery for coastal and ocean protection- A case study from Florida. Presented at the 1<sup>st</sup> Annual International Space Station (ISS) Research and Development Conference, June 26- 27, Denver, Colorado.