

Weekly Report – March 07, 2025
Cooperative Institute for Satellite Earth System Studies (CISESS)
NOAA/NESDIS/STAR

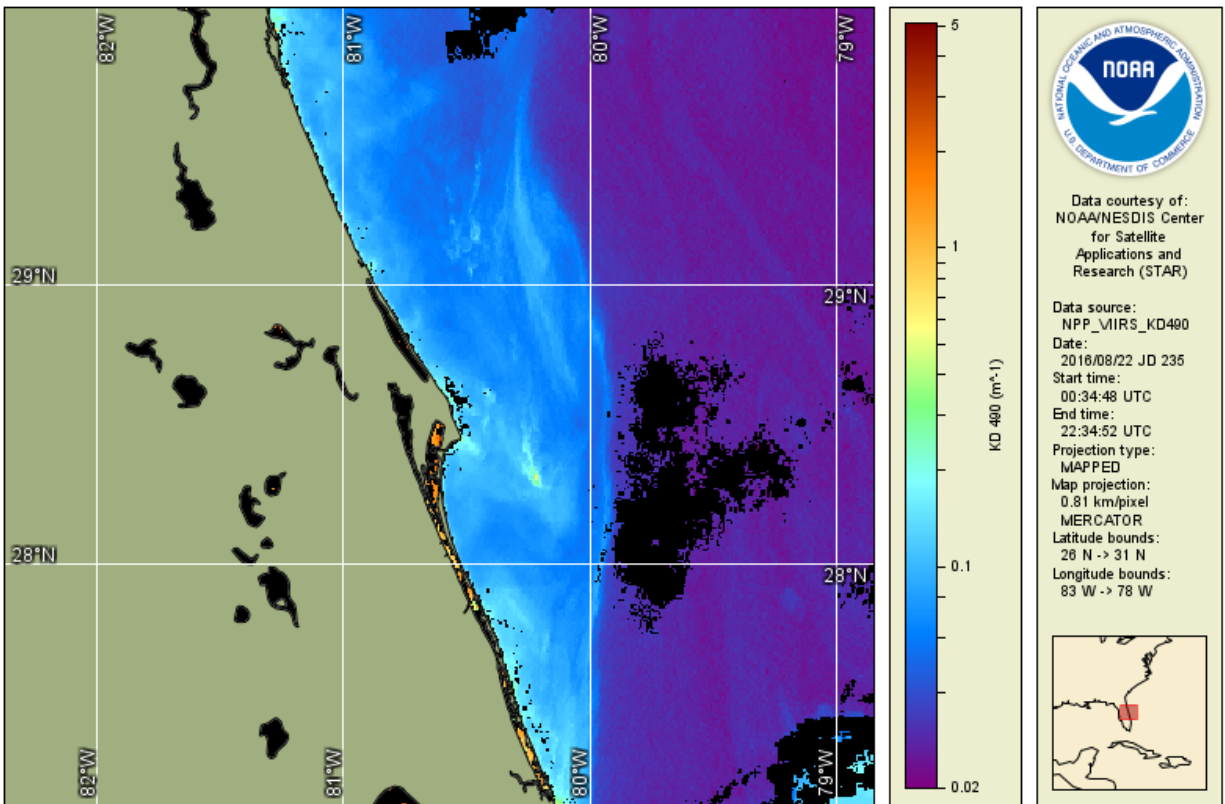
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TRAVEL AND MEETING REPORTS

Potential Use of Light Attenuation Data in a Legal Case

CISESS Scientist Ron Vogel provided consultation to U.S. Army Corps of Engineers attorneys on the utility of satellite in-water light attenuation data ([Kd490](#)) for a legal case involving underwater visibility during the construction of an artificial reef off Cape Canaveral, FL in 2016. The satellite data's applicability to the attorneys' case, as well as the public availability of satellite data in 2016, was discussed with the attorneys. Along with colleagues at [NOAA CoastWatch](#), the team provided data and images, as well as the status of data availability on the CoastWatch website in 2016 as retrieved from an internet archive. This information may be used by the attorneys in the case.



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Figure. In-water light attenuation off Cape Canaveral, FL, August 22, 2016, as observed by the Visible Infrared Imaging Spectroradiometer instrument onboard the Suomi National Polar-orbiting Partnership satellite. Red-orange colors indicate high water turbidity, whereas purple colors indicate low turbidity.

(Ron Vogel, CISESS, vogelr@umd.edu; Funding: ORS)

(Maureen Cribb, CISESS, mcribb@umd.edu, Funding: CISESS Task I)