Environmental drivers of *Enterococcus* spp. concentrations at Escambron Beach, San Juan, Puerto Rico

**Environmental factors**
- Precipitation
- Sunlight
- Sea surface temperature
- Mean sea level
- Turbidity

**Multiple linear regression model**
\[ r^2 = 20\% \]

Abdiel E. Laureano-Rosario, Erin M. Symonds, Digna Rueda, Daniel Otis, Frank E. Muller-Karger
Example of spatial distribution of water clarity anomalies
($R_{rs} 645 – 250m$)

Conclusions
Identify anomalous events driven by changes in environmental factors

Combined effects of environmental factors

Broader Impacts
Satellites contribute to a public health early warning system

Acknowledgements:
NASA Earth and Science Fellowship Program Grant No. NNX15AN60H
NSF Partnerships for International Research (PIRE) under Grant No. 1243510