

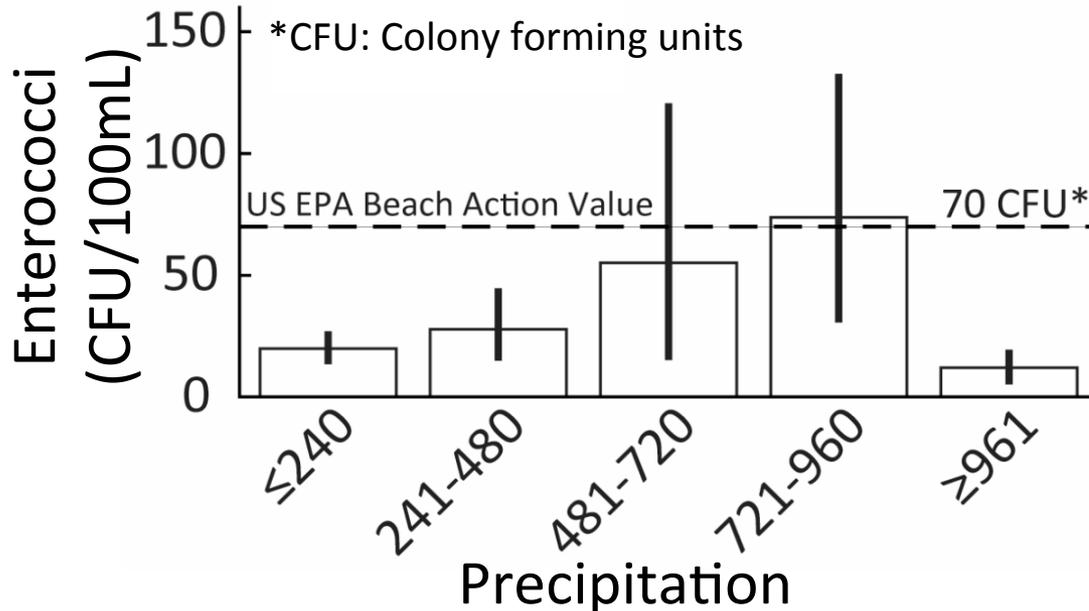


# Environmental drivers of *Enterococcus* spp. concentrations at Escambron Beach, San Juan, Puerto Rico



## Environmental factors

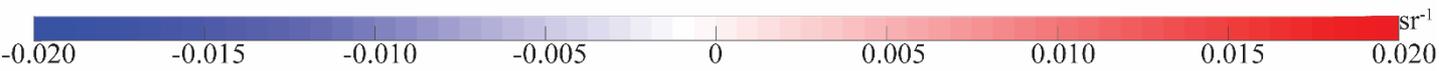
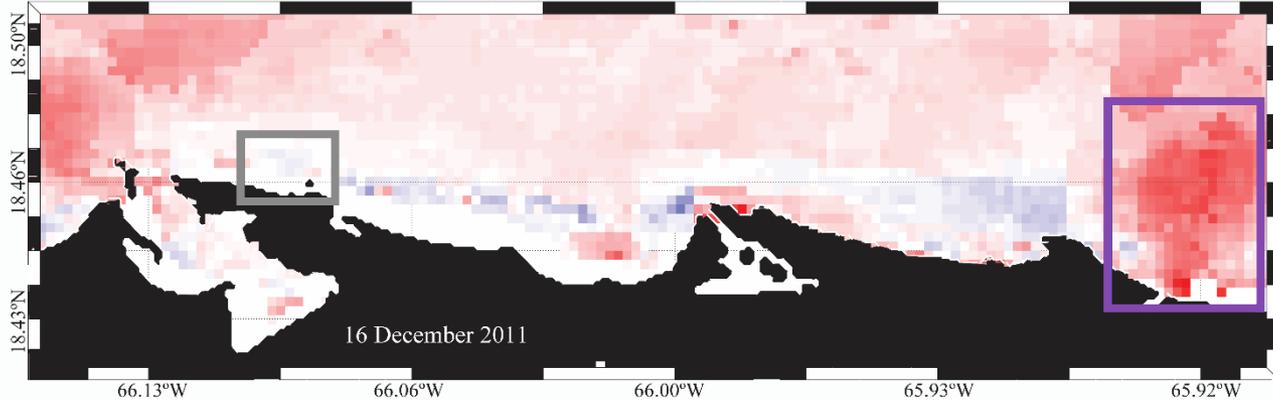
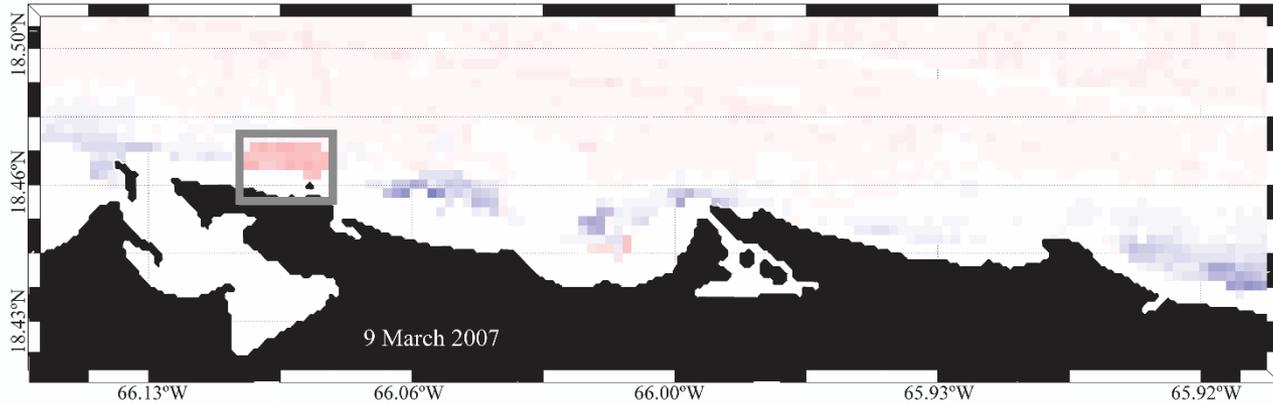
- Precipitation
- Sunlight
- Sea surface temperature
- Mean sea level
- Turbidity



Multiple linear regression model  
 $r^2 = 20\%$

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# Example of spatial distribution of water clarity anomalies ( $R_{rs}$ 645 – 250m)



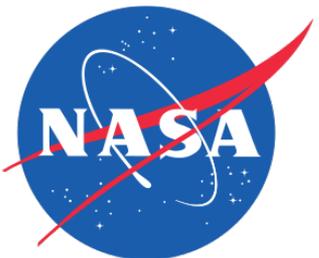
## Conclusions

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



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