

# Ian Black

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OOI OPTAA Workshop

2019-07-21

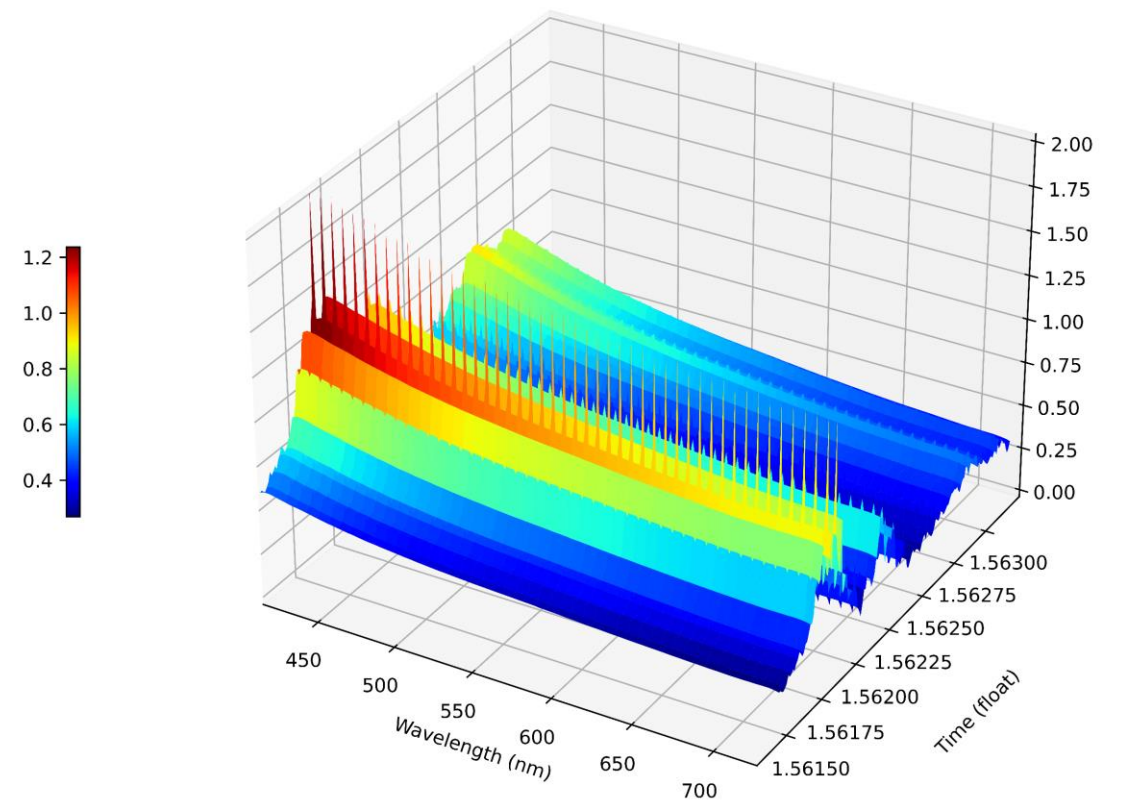
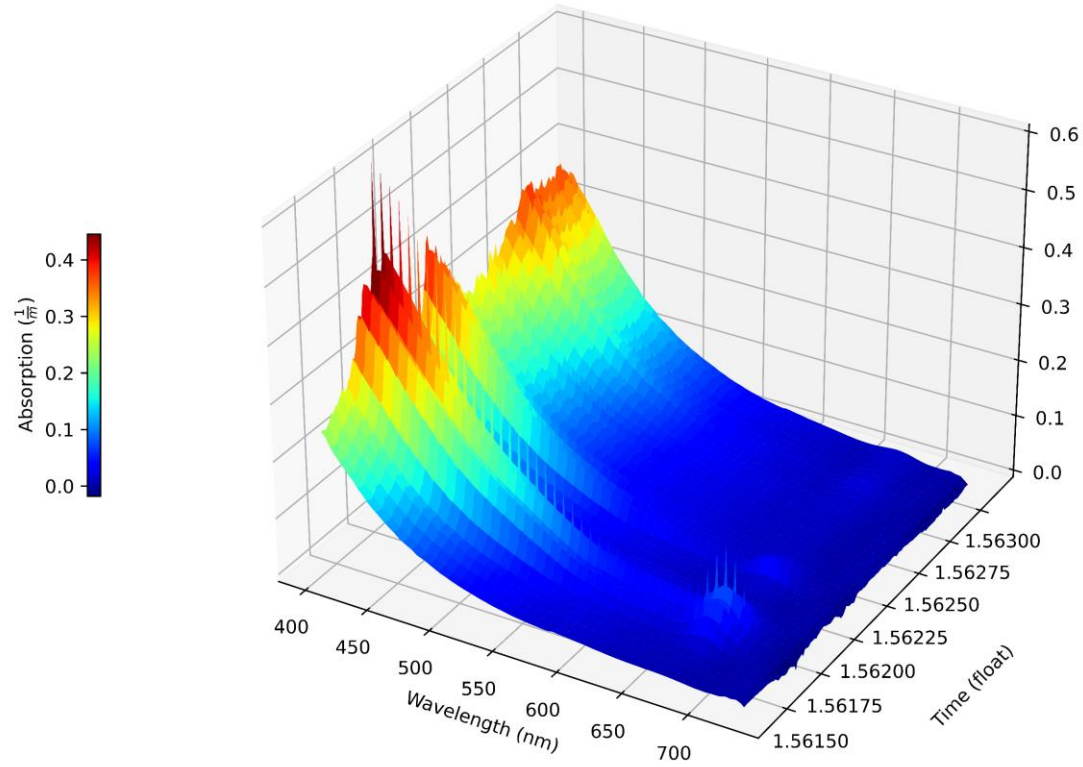
# Project

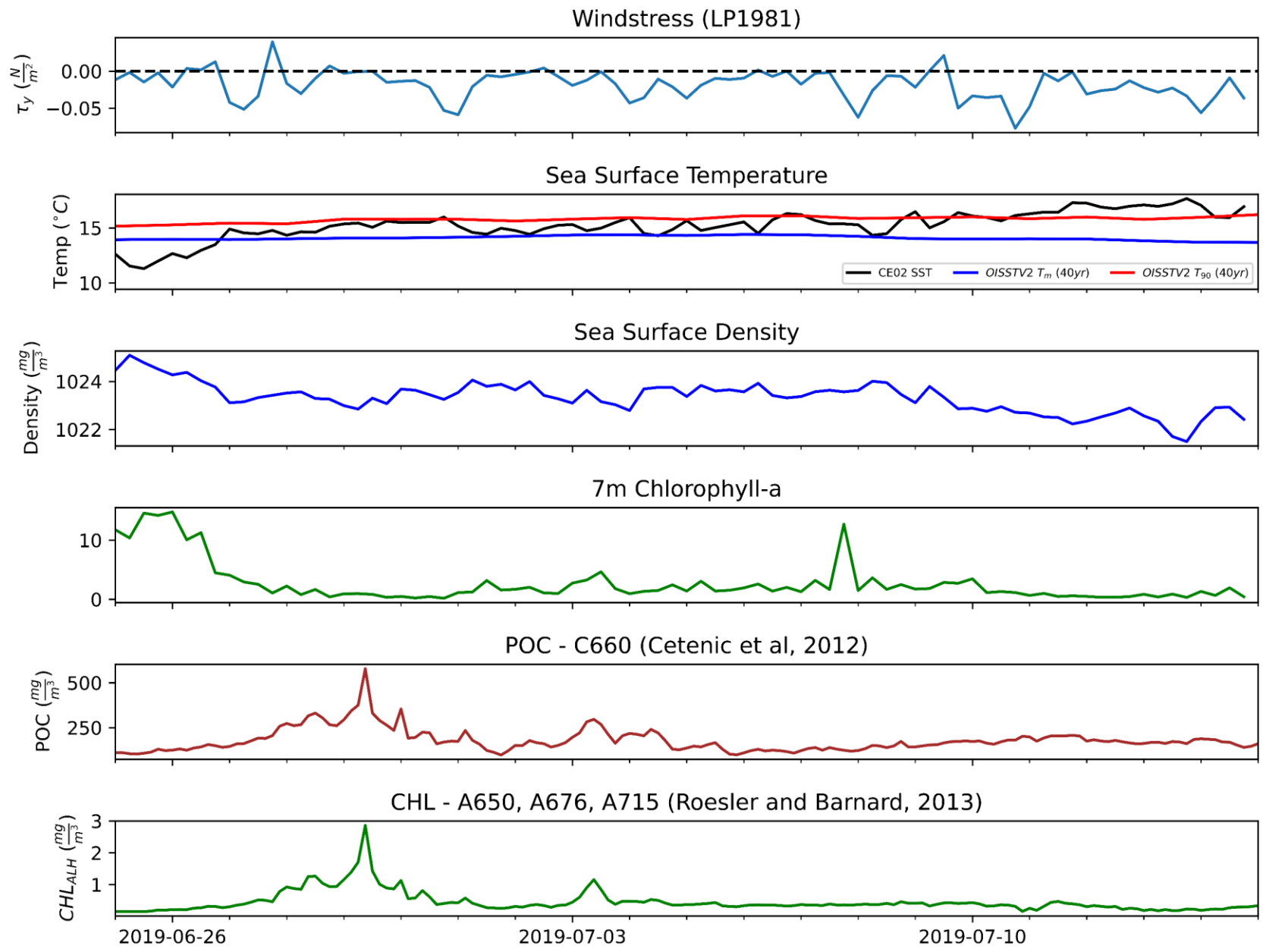
- Explore seafloor POC/CHL signals at CE02SHBP and related processes.
- Data Used
  - CE02SHBP OPTAA
  - CE02SHSM METBK
  - CE02SHSM FLORT
  - CE02SHBP ZPLSC
  - CE02SHBP CAMDS

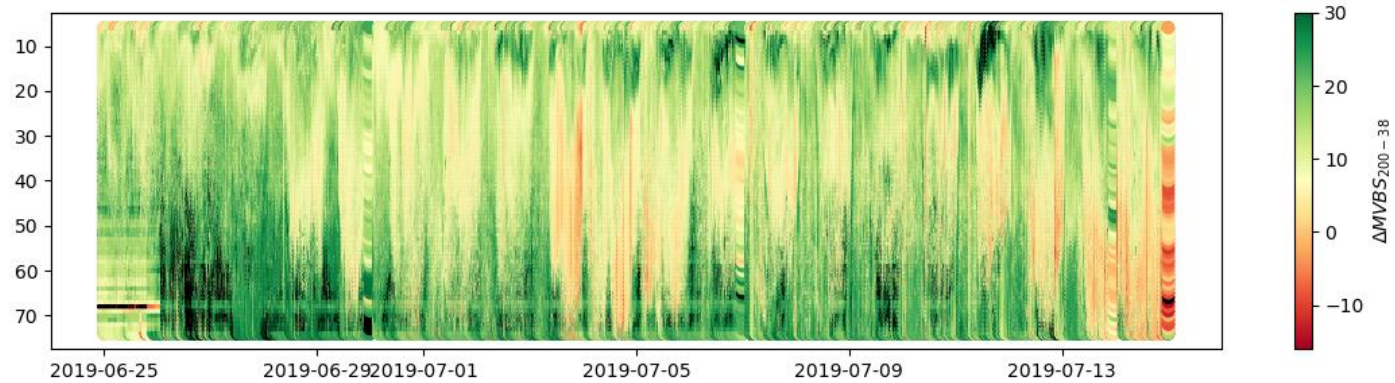
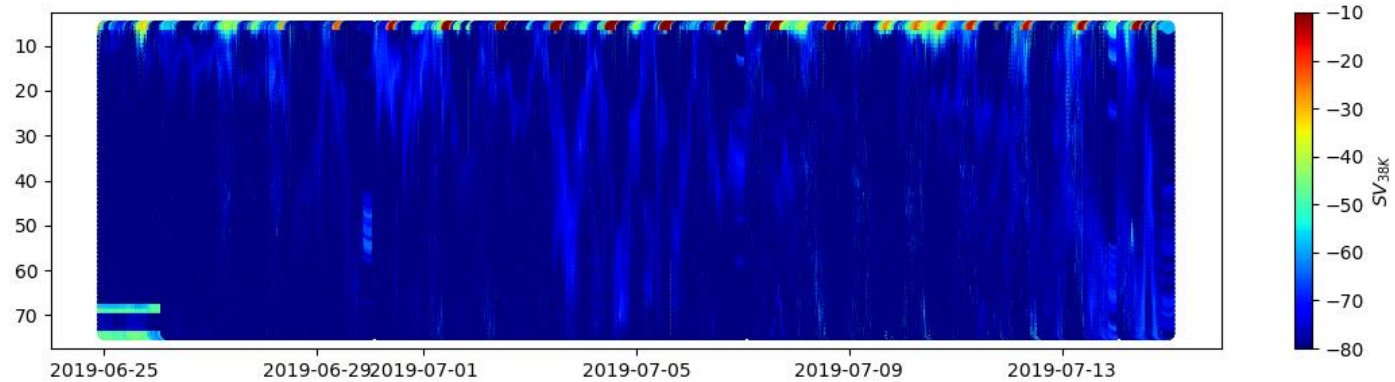
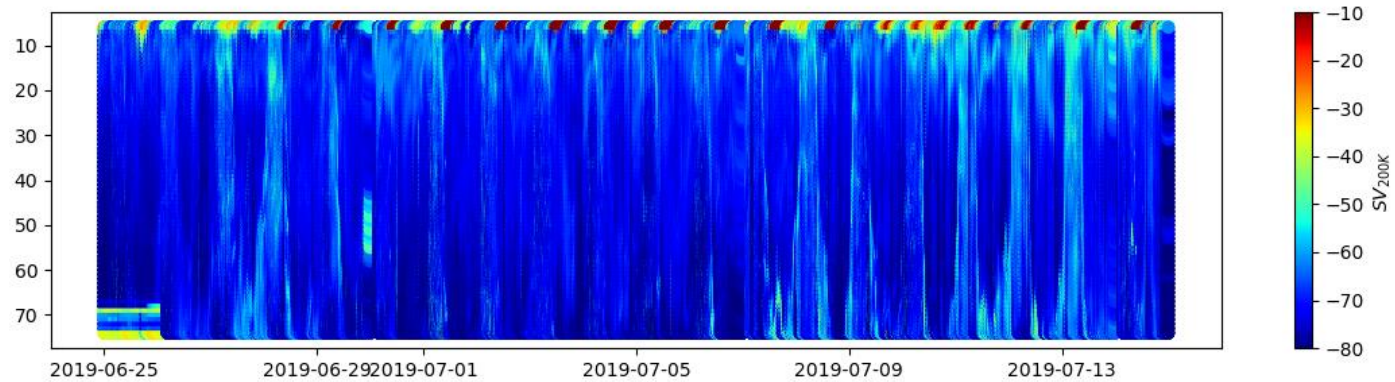
# Context

- Marine heatwave evolved over Oregon shelf in 2019 (The Blob 2.0)
- Surface density decreased and resulted in subduction of upwelling-driven production.
- Can we see signals of gravitational flux at the seafloor?

# CE02SHBP: 2019-06-25 to 2019-07-15







Sato et al, 2015  
 MVBS (200-38)  
 -16 to 2 = Fish  
 2 to 30 = Zoops

# Workshop Learning Outcomes

- The ACS is a powerful tool that maintains a large range of bio-optical applications.
- Caveats of processing