

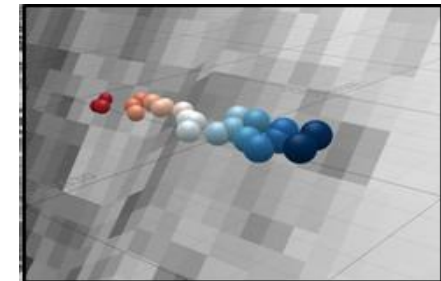
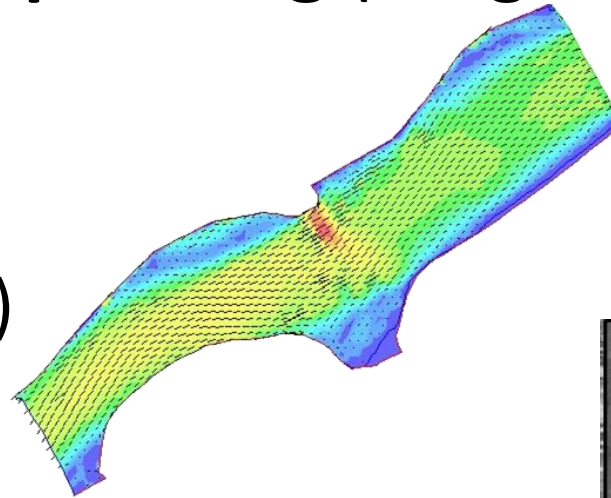
Not just sturgeon

G. Zydlewski, M. Kinnison

Bailey, Beard, Chen, Hightower, J. Zydlewski

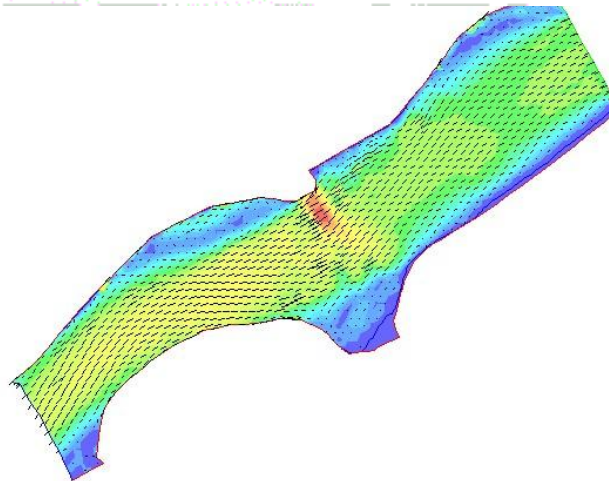


- **Sturgeon habitat and spawning (Wegener)**
- **Population dynamics**
 - Winter (Lachapelle)
 - GoM-wide (Altenritter)
- **Diadromous fish movements using hydroacoustics and data fusion (Erbland)**

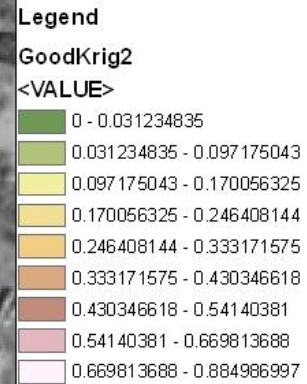
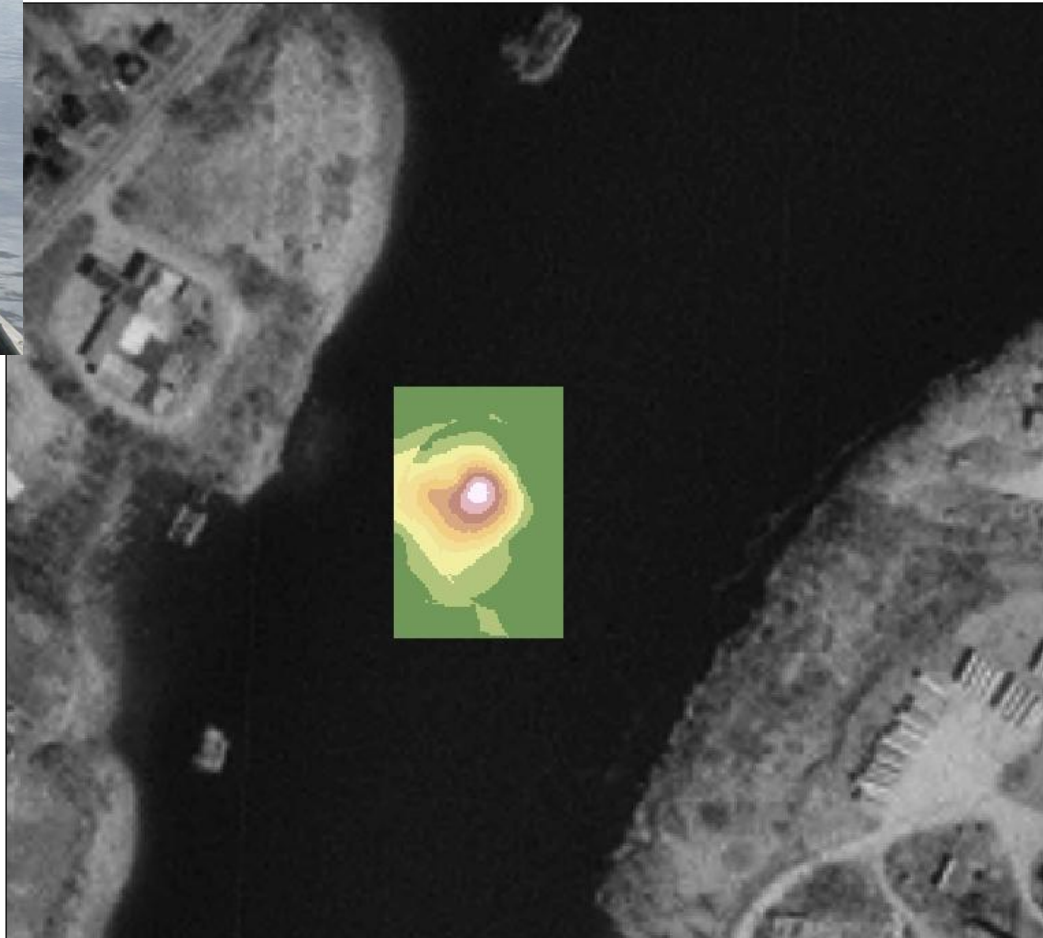


SNS Spawning

- Spawning and coastal movements
 - Acoustic Telemetry
- Habitat modeling pre- and post- dam removal



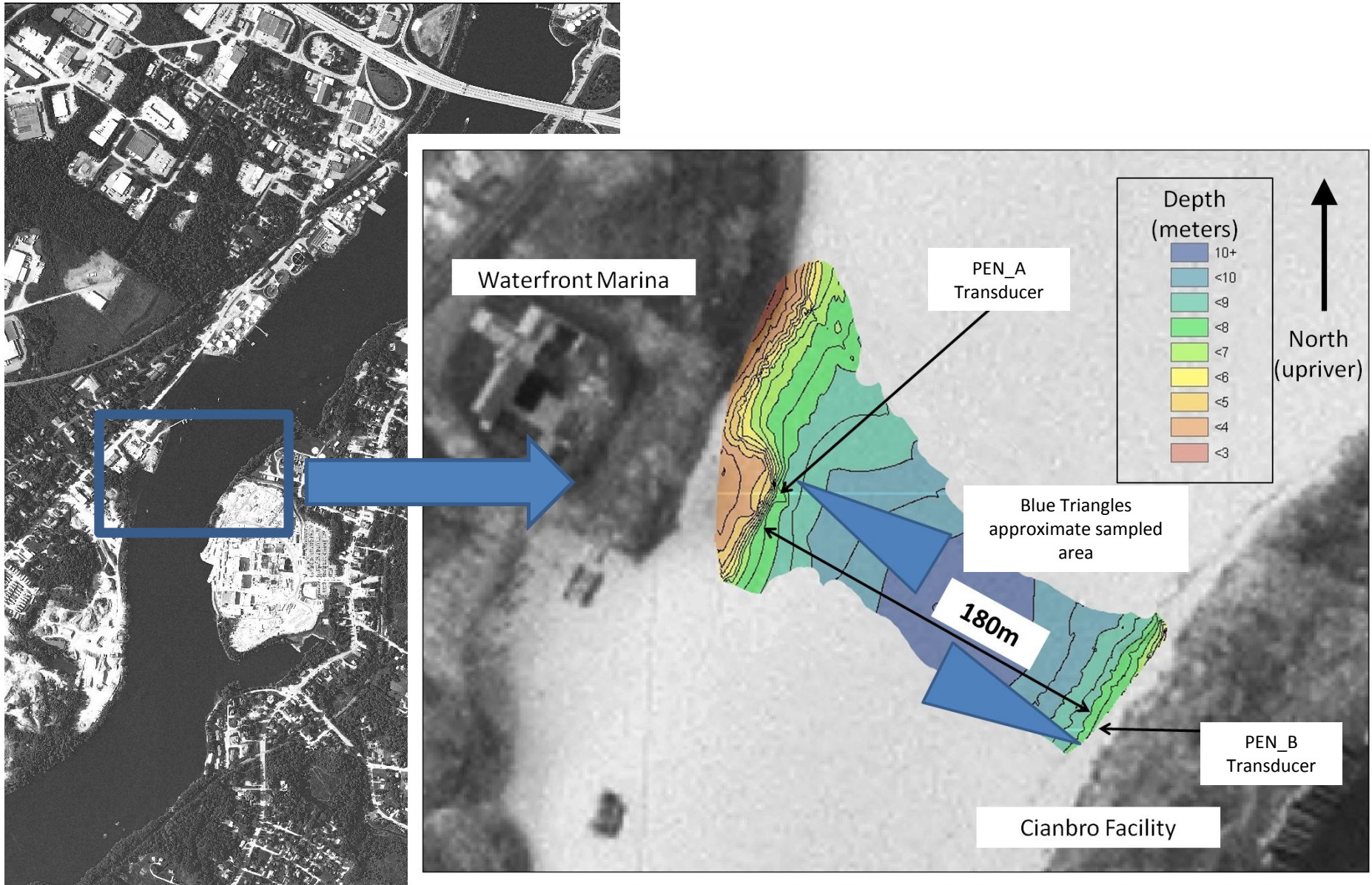
Winter population estimate



Gulf of Maine Sturgeon Metapopulation



Hydroacoustic Estimation of Diadromous Fishes

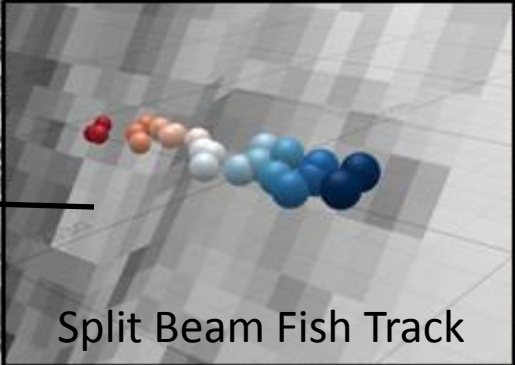


Sun and Moon

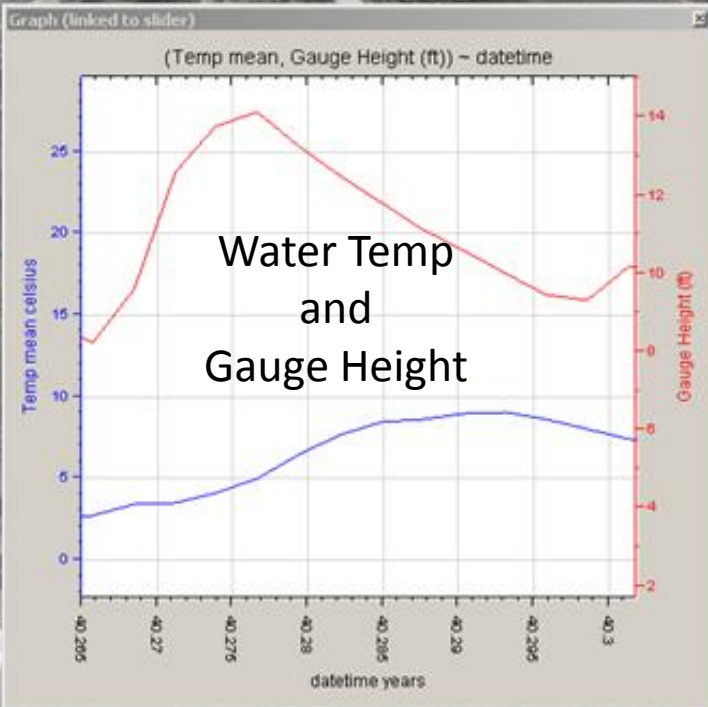
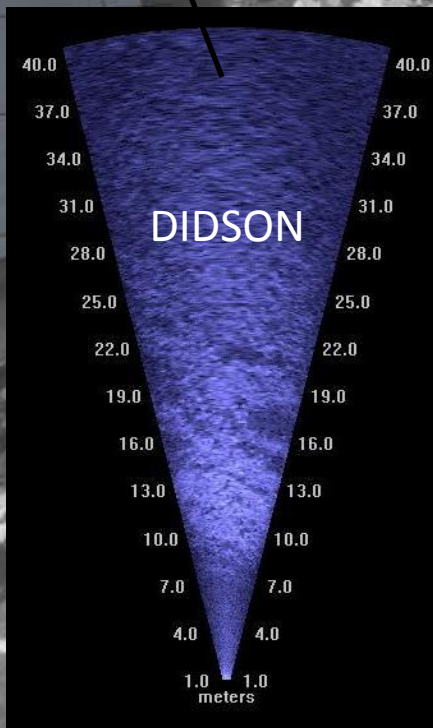


Current Velocity and Direction

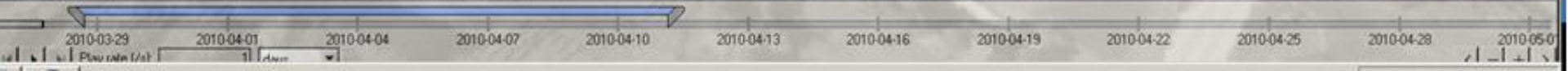
Eonfusion



Split Beam Fish Track

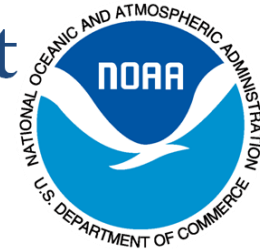


Time Slider



Penobscot River Restoration Trust

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ESA Section 6