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Areas of research/expertise

Nearshore Hydrodynamics

- Waves in shallow water
- Dangerous nearshore currents

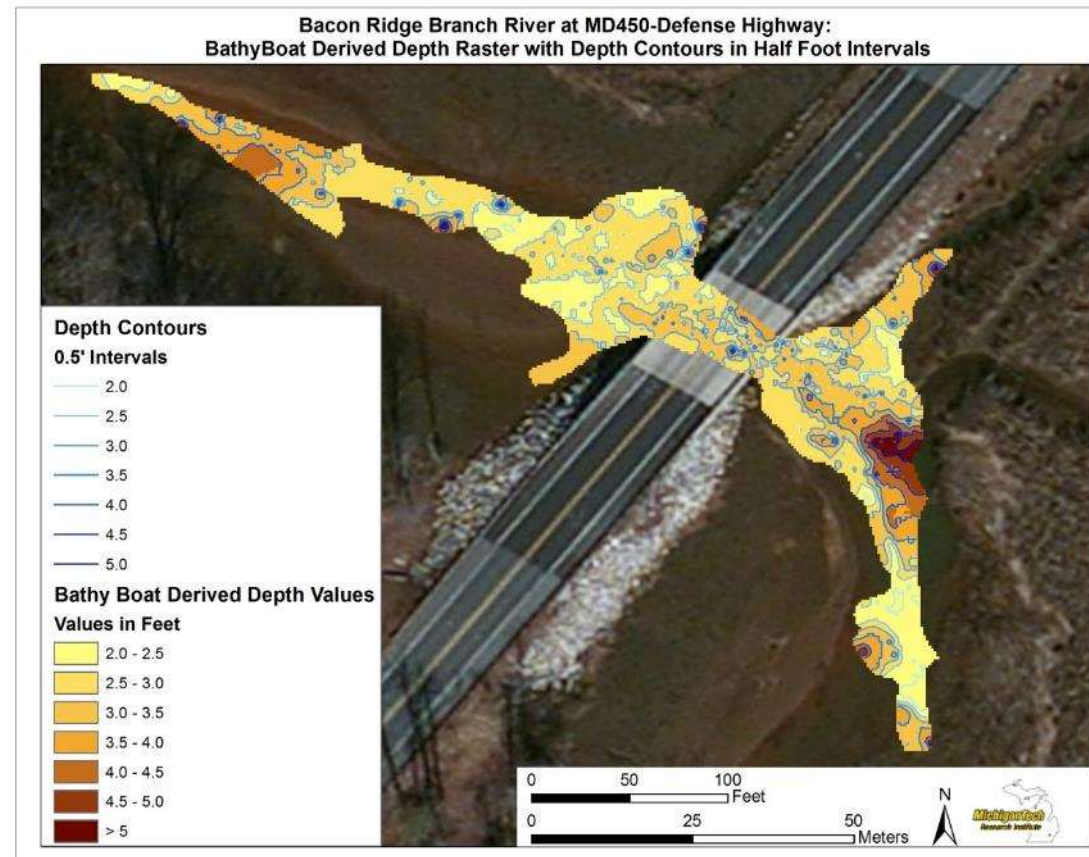
Marine Engineering

- Sensors and platforms
- Consumer of autonomy...not a creator
- I am looking for creators who wish to collaborate



Contributions to Mobility – An Early Developer

- Ocean Autonomous Surface Vehicles (ASVs)
- With MTRI



Contributions to Mobility – Flying and Swimming

- Persistent Ocean Surveillance (DARPA)
- Autonomous Underwater Vehicles (AUVs)



Contributions to Mobility – Back to the Surface

- ASV Global Co-Worker 5 – Full Autonomous
 - Pending NSF – MRI
- Autonomous Wave Glide
 - Arrives this summer - NOAA

