

MCITY

THAD COCHRAN MISSISSIPPI CENTER
FOR INNOVATION AND TECHNOLOGY

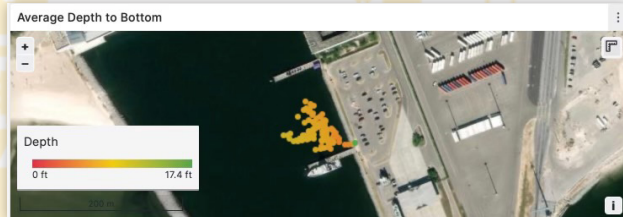
The Mississippi Center for Innovation and Technology (MCity) is home to the Vicksburg regional efforts of the Mississippi Research Consortium (MRC), a partnership of the four research universities in the state of Mississippi (USM, JSU, UM, MSU).

The Mississippi Research Consortium aims to develop and sustain nationally competitive research programs in the state of Mississippi.

Driving Translational Research at MCity

To help drive translation research at MCity, the University of Southern Mississippi is:

- **Fostering research collaborations** with U.S. Army Engineer Research and Development Center (ERDC), the Navy, and other federal partners in the state of Mississippi to grow innovation and high demand jobs;
- **Advancing technologies** to meet the mission critical needs of the Department of Defense; and
- **Accelerating technology transfer and supporting entrepreneurship** at MCity through the MRC partnership with ERDCWERX.



FY23 USM ACCOMPLISHMENTS AT MCITY

- Led the build out of MRC office space at MCity
- Successfully added additional support staff
- CRADA* signed with the Commander, Naval Meteorology and Oceanography Command (CNMOC)
- CRADA in negotiation with ERDC-EL
- Coordinated Multi-Domain Operations MCity Demo (RFWCOE and ERDC PM UAS Q3 FY23)
- Coordinated River Mapping Demo with the U.S. Army Corps of Engineers Vicksburg District's Levee and Dam Safety Center (for Q2 FY24)
- Assisted MSU at MCity with its \$50K SBA Stage 1 Growth Accelerator award, helping it secure a \$150K Stage 2 Growth Accelerator award supporting development and growth of Vicksburg area technology companies
- Assisted a Vicksburg area startup founded by a retired ERDC employee pursuing federal SBIR/STTR funding opportunities with NASA and the National Science Foundation. Assistance will include technical support from USM's Mississippi Polymer Institute.
- Collaborated with ERDC on the development and commercialization of joint intellectual property of a novel composite Z-bar
- Coordinated a Virtual Maritime Data Analytics Training to ERDC (for Q2 FY24)

*Cooperative Research and Development Agreement

