

Sample of Center's Achievements

Research collaboration contracts (4)

- Autonomous water surface vehicle for water quality monitoring
- A system for underwater creature detection and monitoring
- A mechanism for biofouling removal and disposal
- An unmanned aerial vehicle for plant structure inspection

Products at various technology readiness levels (4)

- Autonomous water surface vehicle
- Water sample extraction system
- Well inspection device
- Unmanned aerial vehicle

Published papers (186:138 Journal and 48 Conference)

Patents (6)

- Quadrature Spatial Modulation, USPTO
- Adaptable Incident Surveillance System, USPTO
- A Multiple-Attributes Classifier Based Broadcast Scheme for Vehicular Ad-Hoc Networks, USPTO
- Energy Warehouse with Energy Management (USPTO, Pending)
- AI-Based Sea Creature Detection, Monitoring, and Decision Making (USPTO, Pending)
- System for Water Sample Extraction (USPTO, Pending)

Product registration (2)

- Autonomous Water Surface Vehicle
- Well Inspection Device

Published book (1)

- Sensor Networks for Sustainable Development