

C. Charles Malveaux
Environmental Robotics Institute
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A. Professional Development:

McNeese State University	Sociology	B.S
Johnson's Flying Service	FAA Part 61 Pilot Training	Licensed Pilot
Louisiana State University	Bio and Ag Engineering	M.S
Louisiana State University	Engineering Science, BE	PhD candidate

B. Positions and Employment

Research Associate, BAE, LSU and LSU AgCenter
Founder of the Environmental Robotics Institute
Owner C and C Performance Construction
Simien and Simien Law Firm
People Helping People Overseas Medical Missions
Loomis Fargo Armored Manager
Calcasieu Parish Sheriff's Office

C. Publications/Patents

Five Related Publications

Malveaux, Charles. 2014. Investigating the Potential for Drone Use in Agriculture. Louisiana Agriculture, Winter 2014, 8-13, <http://www.lsuagcenter.com/NR/rdonlyres/CDDE1EE5-BB6B-4CD4-B100-B0BA0BCC721D/96270/PDFI.pdf>.

Malveaux, C., S. G. Hall and R. Husser, 2014. Design, Development and Testing of an Engineered Alligator Culture Facility.. ASABE Paper 141911062, accepted, 6 pp.

Malveaux, C., S. G. Hall and R. Price, 2014. Using Drones in Agriculture: Unmanned Aerial Systems for Agricultural Remote Sensing Applications. ASABE Paper 141911016, accepted, 7 pp.

Malveaux, C., S. G. Hall, 2014. Water Hyacinth for Ethanol Production and Coastal Protection. ASABE Paper 141911016, accepted, 6 pp.

Malveaux, Charles. 2014. The Potential for Drone Based Remote Sensing Control Systems in Agriculture. Pending Publication, Journal of Remote Sensing.

Other Relevant Publications

Malveaux, Charles. 2013. U.S. Patent Pending: 13845123. Vertical Take Off and Landing Autonomous/SemiAutonomous/Remote Controlled Aerial Agricultural Remote Sensor Platform www.uspto.gov.

Malveaux, Charles. 2013. U.S. Patent Pending: 13923335. Wearable Networked and Standalone Biometric Sensor System to Record and Transmit Biometric Data for Multiple Applications. www.uspto.gov.

Malveaux, Charles. 2013. U.S. Patent Pending: 14210219. Unmanned Aerial System Drone Situational Awareness Flight Safety and Tracking System. www.uspto.gov .

Malveaux, Charles 2014. Coastal Preservation by . Abstract #1004. World Aquaculture Society 2013, Nashville TN.

D. Synergistic Activities

1. Autonomous Vehicle Demonstrations, ASABE Meeting, Spring 2014
2. Autonomous Vehicle Demonstrations, 4-H University, LSU AgCenter, 2014.