

Creep into the DEEPEND™

CHAD LEMBKE

UNIVERSITY OF SOUTH FLORIDA

STUDIES:

Operates the University of South Florida Slocum Glider Fleet for the DEEPEND Consortium. Gliders are robots that float and sink by adjusting their buoyancy and use wings propel themselves forward. They sample the ocean water column for weeks at a time, communicating by satellite.

DEEPEND FOCUS:

The data collected by the gliders is used by the modelers to ensure that the physics and optics depicted in the models are correct and that predictions of the future are more accurate.

HAS STUDIED:

For the past 15 years, has worked with robots and other instrumentation most of the work in the Gulf of Mexico some as far away as Iceland. Current efforts focused on using the gliders, towed platforms equipped with video, and acoustics to attempt to improve fisheries stock analysis methods.

SOMETHING SURPRISING ABOUT CHAD:

I'm a nerd and proud of it!

THREE THINGS CHAD DOES TO HELP THE EARTH:

My job, only eat sustainable seafood, and drive as little as possible

