

Dr. Craig Woolsey

Site Director – Virginia Tech Aerospace &
Ocean Engineering

Dr. Woolsey's research aims to improve performance and robustness of autonomous ocean and atmospheric vehicles.

His research includes the development of fundamental control theory and the application of theory to practical problems.

Particular interests include: Nonlinear control of mechanical systems, guidance and control for ocean and atmospheric vehicles, and novel applications of autonomous systems for science and exploration.

Dr. Woolsey served as the inaugural director of the Virginia Center for Autonomous Systems (VaCAS) from 2006 to 2014.

He is a recipient of the NSF Career Award and the ONR Young Investigator Program Award, in addition to multiple teaching awards.

He is also an Associate Fellow for the AIAA and a Senior Member of IEEE.

