



Presented to Drone Swarms: The Buzz of the Future, VLAB Enterprise Forum Series
October 15, 2015, at Stanford University, CA, USA

Collaborative and Enabling UAS Research at the NASA EAV Laboratory

Corey A. Ippolito

Director, Exploration Aerial Vehicle Laboratory
Intelligent Systems Division
NASA Ames Research Center
Moffett Field, CA, USA





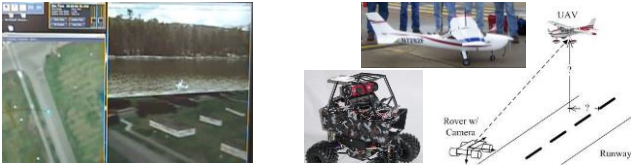
National Aeronautics and Space Administration



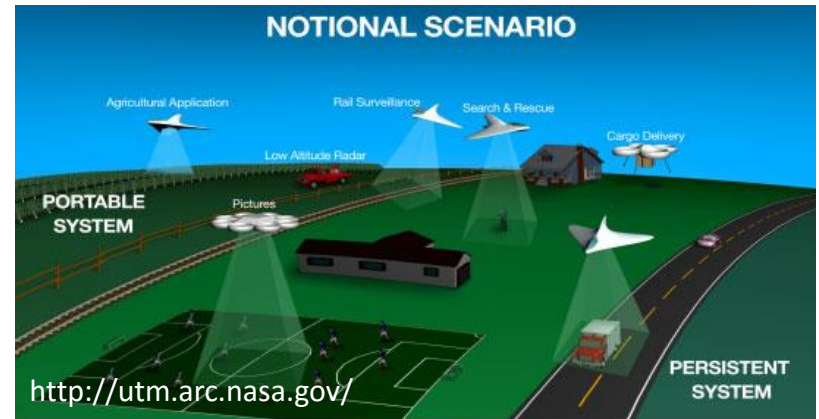
The **Exploration Aerial Vehicles Laboratory** at NASA Ames Research Center leads research into **intelligent autonomy and advanced control systems**, bridging the gap between simulation and full-scale technology through flight test experimentation on **unmanned sub-scale test vehicles**.



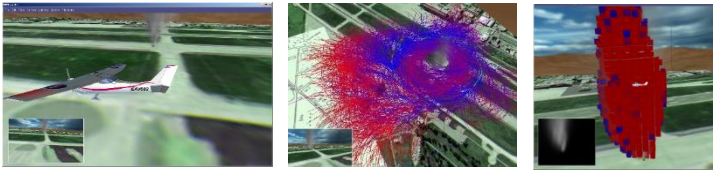
Polymorphic Control Systems



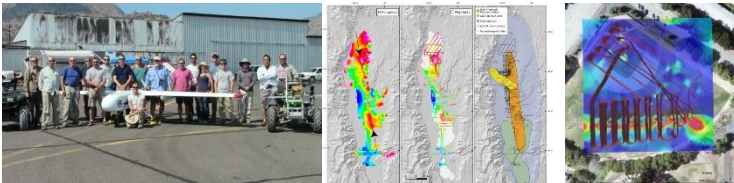
UAS Traffic Management (UTM)



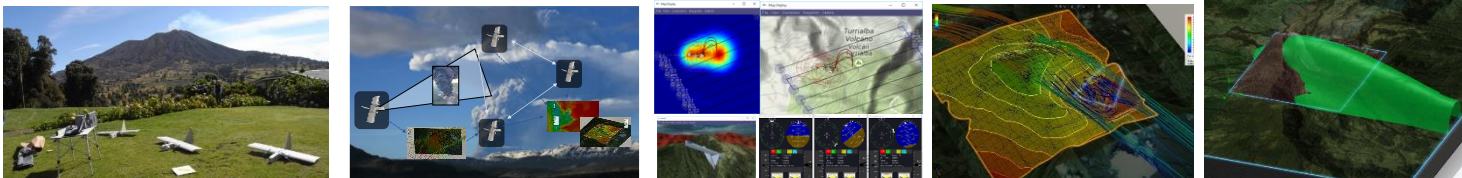
Payload Directed Flight



Autonomous Subsurface Earthquake Mapping



Distributed Collaborative UAS Swarms For Volcano Plume Monitoring





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