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

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National Aeronautics and Space Administration

Ames

Discovery Innovations Solutions

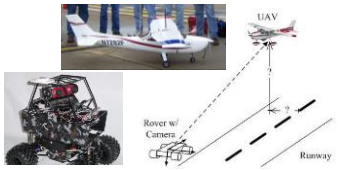
The **Exploration Aerial Vehicles Laboratory** at NASA Ames Research Center leads research into **intelligent autonomy and advanced control systems**, bridging the gap between simulation and full-scale technology through flight test experimentation on **unmanned sub-scale test vehicles**.

National Aeronautics and Space Administration

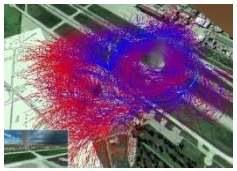
Ames

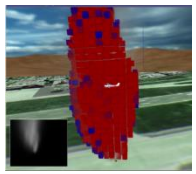
Discovery Innovations Solutions

Polymorphic Control Systems

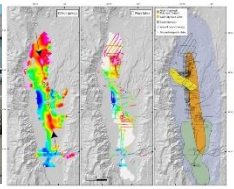


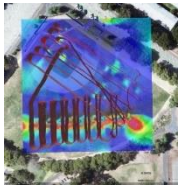
Payload Directed Flight



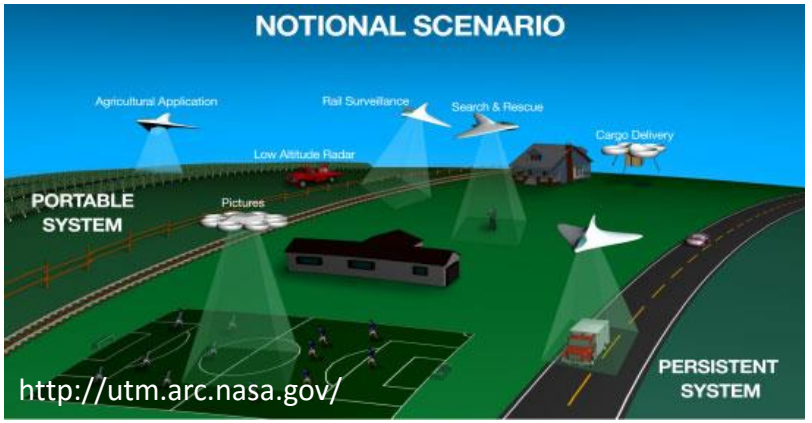


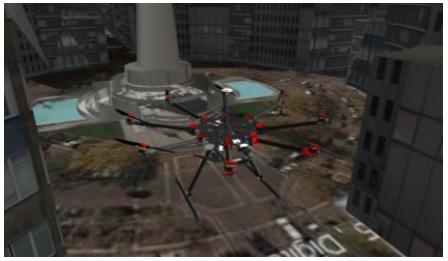
Autonomous Subsurface Earthquake Mapping



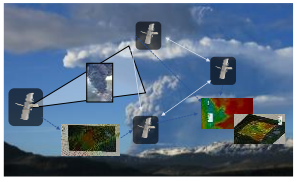


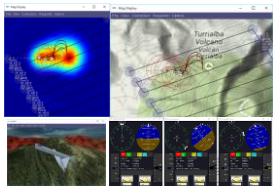
UAS Traffic Management (UTM)

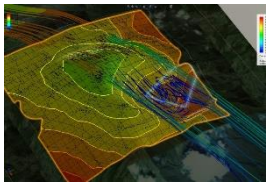


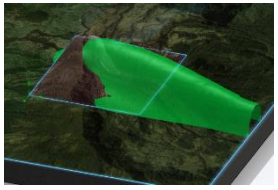


Distributed Collaborative UAS Swarms For Volcano Plume Monitoring









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