RoboData Project
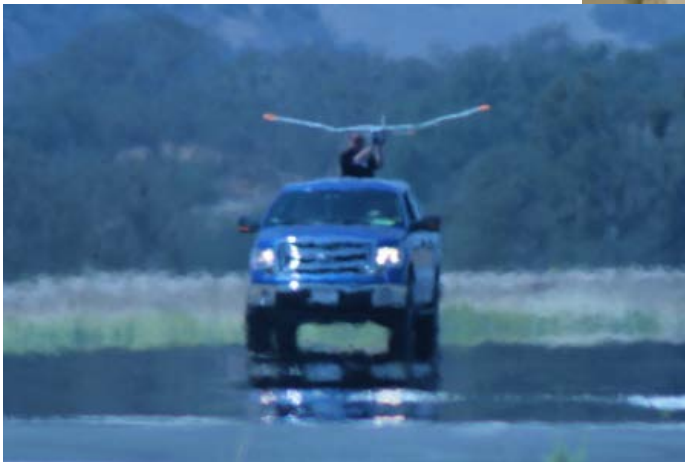
IS-3201 - Group 13

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Agenda

* Introduction
* Purpose
* Model
* Demonstration

https://my.nps.edu/web/fx

Introduction

* JIFX/CRUSER campaigns
  * Collaborative testing environment
  * Multiple vehicles/devices participate
* STOQS @ MBARI
  * (Spatial Temporal Oceanographic Query System)
  * Query-able visual oceanographic database

https://my.nps.edu/web/cruser

Purpose

* This database collects data from multiple sources
  * Key experiment parameters from STOQS
  * JIFX team registrations, including project descriptions
  * (possibly) NRP project summaries and other databases
  * Goals, results and references
* Produce initial template and data schema for an eventual institutional robodata database
  * Show data extraction, usability, functionality

Model and Demo

* Demo time!

Next Steps and Future Development

* Refine the model
  * Additional entities may be needed as more data points are identified
* Implementation and testing
* Buy in from participants and stakeholders
* Advisory Board creation to help guide the project