

# Quadcopters

An investigation into the suitability of  
consumer quadcopters for mapping

# The Problem

- ▶ It can be difficult to create air photos on a budget
- ▶ Current solutions pose many difficulties
  - Kites
  - Balloons

# Introducing:



<http://www.dji.com/product/phantom/>

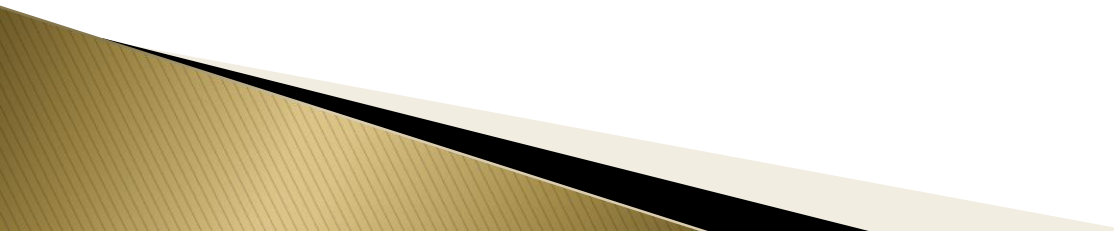
# The Good

- ▶ GPS enabled
- ▶ Cost effective
- ▶ Range
- ▶ After market apps

# The Bad

- ▶ Battery life
- ▶ Stock camera

# Potential projects:

- ▶ Ecosystem health; IR camera
  - ▶ Large 3D object scanning
  - ▶ Air photos
  - ▶ Pre-determined flight paths
- 

# Thank You!

»» Max Koenig  
Skidmore College  
[mkoenig@skidmore.edu](mailto:mkoenig@skidmore.edu)