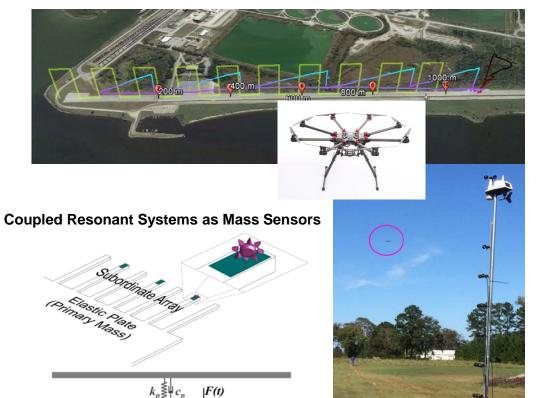


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# The Effect of Atmospheric Properties on Long Distance Acoustic Propagation



### Laser Doppler Vibrometry

Custom Scanning Laser Doppler Vibrometer

#### *UAV Mapping of Atmospheric Properties*

Volumetric profiles of temperature, humidity, and atmospheric pressure

## **Distributed Acoustic Array**

High spatial resolution GPS synchronized acoustic mapping

## Engineering Education

- Ethics and Academic Integrity
- Technical Communication Skill Development

