

# Contact Information

OpenUAS Team

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This document contains contact information for individuals who have extensive knowledge of UAS and could be helpful as additional resources when working on this project.

## 1 Dr. George Ligler

**Email:** ligler@earthlink.net

**About:** Dr. Ligler is the co-founder of RTCA SC-228, chair of new Academic Committee on UAS risk assessment, and lecturer on UAS related topics.

## 2 InfraDrone Company

**Email:** Contact@InfraDroneLLC.com

**Phone Number:** 515-394-6948

**About:** This company was started by Iowa State students with the mission "to make inspections and solutions safer, more accurate and faster using integrated UAS and innovative technologies to ensure healthy sustainable infrastructure." They have many capabilities that might interest us such as 3D mapping, infrared thermography, light detection and ranging, and data processing. All their capabilities are centered around improving infrastructure, energy, construction and commercial, and insurance. As Iowa State students they might be interested and able to work with us to talk about their process and their technology.

InfraDrone has many capabilities to include with their 3D geoprinting: extremely detailed mapping of infrastructure for bridges, roads, and buildings to compare over time; create models of energy sources such as turbines, pipelines, powerplants, and power lines; assist in construction by providing aerial site images and to help manage the construction process; and insurance for, for instance, before/after natural disasters.

This geoprinting is something we should look into for part of the health management aspect of the mission. How much weight a camera might load on the UAS, should it be part of the standard model for standard capabilities to

work with, etc.

### **3   Contact**

**Email: About:**