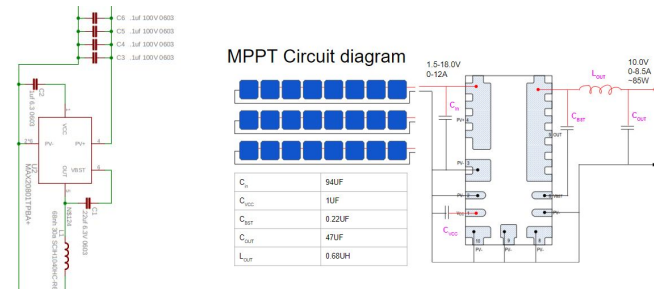


Background: Climate change and its consequences are the new normal for our generation. Natural disaster research and early warning detection have been shown by NGOs to be essential in reducing the economic and health impacts of this challenge.

Problem: Collecting data on climate change can be difficult and expensive.



Solution: A small solar-powered UAV with MPPT-A technology will have the weight, cost, and power efficiency for all day operations.



Plan: Develop a commercial solar UAV product specifically designed to meet the needs of climate scientists.

Team Lead: Bo Wernick - Aerospace engineer
Connector: Callye Keen - Business development
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Partner Universities: GMU, JMU, ERAU

