



**Department of Forest, Rangeland and Fire Sciences and  
the USFS Rocky Mountain Research Station presents**

# **DroneSeed: Using UAVs to Conduct Surveys, Herbicide Applications, and Aerial Seed Deployment in Forests and Rangelands**

**A seminar presented by Matthew Aghai, DroneSeed Co.**

DroneSeed Co. is a Seattle-based startup that develops software, integrates hardware, and is refining the operational capacity for Unmanned Aerial Vehicles (UAVs) to conduct surveying, herbicide application, and aerial seed deployment in forests and rangelands.

DroneSeed's Grant Canary and Matthew Aghai will provide an overview of the company's technology, review projects and milestones, and outline their research and development trajectory as they grow. Wildfire and other large-scale disturbances are increasingly common, and constraints to revegetation include accessibility to remote areas, difficulty distributing quality wildland seed at scale, invasive species mitigation, and all the associated costs of labor and equipment. DroneSeed is developing a multi-prong approach to revegetation using UAVs that will be directly applicable to large scale post-disturbance revegetation and native plant management at an effective cost. They are increasing their operational capacity and are seeking more scientific and agency partners for research and development projects in 2019 and beyond.

**Friday, December 7th  
10:30 – 11:30 AM  
CNR 203A**

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**For More Information:**

**Department of Forest,  
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