

## **Missouri Feral Swine Workshop: Resource Managers Protecting Missouri Habitats from the Menace of Feral Swine.**

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**Abstract:** Feral swine directly and indirectly damage natural resources for Missouri natural resource users. They destroy agricultural crops, compete with native wildlife, and serve as reservoirs of disease. Since the closure of open range in 1969 in Missouri, feral swine have been present in small, isolated areas of Missouri, but it wasn't until the 1990's that they really started becoming a problem. At this time, feral swine hunting as a form of recreation began gaining in popularity and the intentional release of hogs on public land spread populations to new areas. Because feral swine are highly adaptable animals and prolific breeders, their numbers grow at an alarming rate. Recent population models estimate an annual population growth rate of 166% if no actions are taken to eliminate feral swine. Feral swine are known to occur in approximately 40 counties in Missouri, with established populations in 30. Efforts are underway to study genetic origins, distribution, populations and impacts of feral swine to the natural resources of Missouri. Efforts are also being implemented for the total elimination of feral swine from Missouri for the benefit of Missouri's Natural resource users.

Thursday February 1, 2018. 1:00pm – 3:00pm: **Feral Swine Research**

1. 1:00 – 1:20 – The National Feral Swine Genetic Database and Findings that Apply to Missouri – Dr. Tim Smyser USDA NWRC
2. 1:20 – 1:40 – Development of Feral Swine Abundance Estimates for Measuring Performance of Management Activities Using Catch-effort Data on Mingo National Wildlife Refuge – Kim Pepin USDA NWRC
3. 1:40 – 2:00 – Occupancy Rates of Feral Swine on Fort Leonard Wood and Subsequent Population Trends – Justan Blair USDA
4. 2:00 – 2:20 – Overview of research Being Conducted by USDA/APHIS to Aid in Control of Feral Swine – USDA
5. 2:20 – 2:40 – Using Drones to Map and Quantify Feral Swine Damage in the Missouri Agricultural Landscape – Mark Lutman USDA NWRC
6. 2:40 – 3:00 – Wilderness Areas: The challenges targeting Inaccessible Areas. – Brian Davidson USFS