

# BLM Eastern States Chesapeake Watershed CESU Annual Meeting

## June 8, 2018

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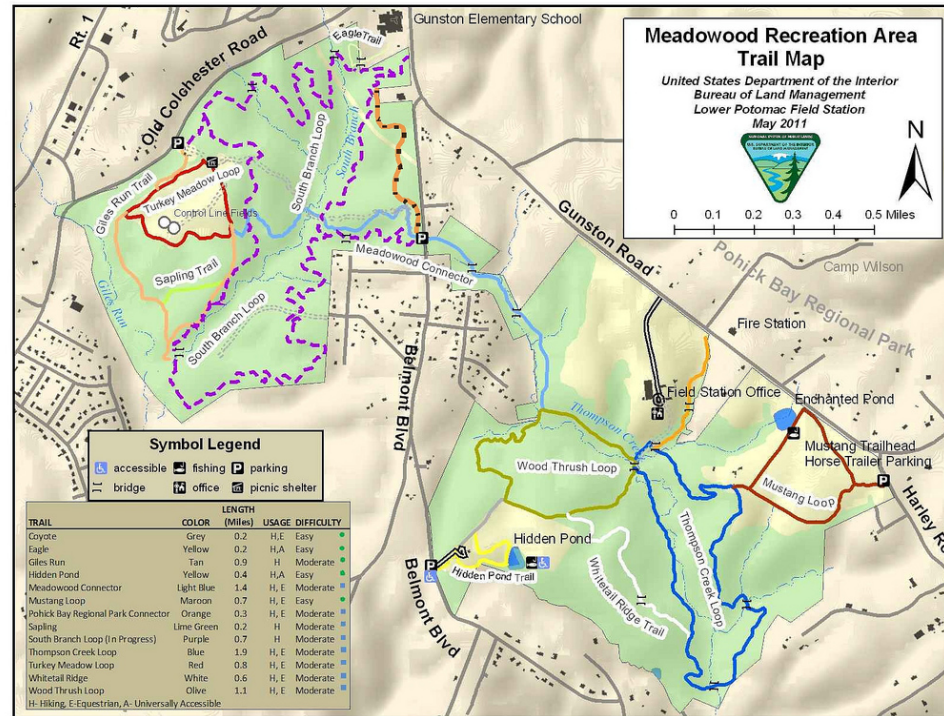
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# Meadowood Special Recreation Management Area, Lorton, VA



# Multifunctional Management at Meadowood SRMA

- Agreement Number: L16AS00127; \$92,000
- University Partner: Virginia Tech
- Objectives:
  - Assess forest composition, health, and understory plant diversity and abundance
  - Determine wildlife diversity and abundance
  - Assess condition of streams and riparian areas
  - Utilize baseline to identify desired future ecosystem conditions and inform updated management plan

# Multifunctional Management at Lower Potomac Field Station

## Technical Approach

- Forest Inventory:
  - 1/10<sup>th</sup> acre plots distributed uniformly
  - Stand structure (species, density, size, age, live crown, height)
  - Stands over-stocked, mature and mid-development, low number of snags
  - Species composition fairly diverse (19 species, mostly hardwoods)
- Wildlife:
  - Game cameras, Sherman traps, acoustic surveys, observation checklists



# Multifunctional Management at Lower Potomac Field Station

## Next Steps (2018)

- Complete forest inventory and wildlife surveys
- Delineate forest stand boundaries
- Site and collect water quality measurements along creeks
- Initiate survey of recreation users and preferences

## Analysis and Recommendations

- Spatial overlay of land uses, habitats, wildlife distribution, and sensitive sites
- Incorporate citizen science and other observational data
- Provide range of management prescriptions based on hierarchical process of trade-offs

