

**UPLAND HARDWOOD RESEARCH IN ARKANSAS BOSTON MOUNTAINS - AN
INTEGRATED APPROACH**

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This integrated research program addresses upland hardwood forest dynamics and the development of both short and long-term studies at three scales: individual tree, stand, and region. These studies address: growth, woody species reproduction, competitive capacity, stand dynamics, stand composition, forest species restoration, quantitative silviculture, development of forest management methods, forest ecology, disturbance ecology, and diversity of upland hardwood forests of Arkansas Interior Highlands. Information already produced from these studies include publications and products addressing oak decline; land use history; fire ecology; and regional dynamics of upland old-growth forests of the Midwest; and an interactive web-based product based on this research (see <http://ncrs.fs.fed.us/oakus/>).