1 Statement of 2 Jay Jensen 3 **Deputy Undersecretary for Natural Resources and the Environment** 4 **U.S.** Department of Agriculture 5 Before the 6 Subcommittee on Department Operations, Oversight, Nutrition and Forestry 7 **House Agriculture Committee** 8 **United States House of Representatives** 9 10 June 3, 2009 11 12 **Concerning** 13 14 The Future of Our Nation's Forests 15 16 17 Mr. Chairman and members of the Subcommittee, thank you for the opportunity to appear before 18 you today to provide the Department's view on the Future of Our Nation's Forests. We are 19 blessed with some of the most diverse, beautiful, and productive forests on the planet. We're a 20 great country in part, because we have great forests. The mission of the U.S. Forest Service is to 21 sustain the health, resilience, and productivity of the Nation's forests and grasslands to meet the 22 needs of present and future generations. Our mission extends to assisting both public and private 23 forests nationwide. 24 25 Over 100 years ago, the forests of the east and south were significantly cut over, as were some in 26 the west, largely due to the primary objectives of the time, the conversion of forests to crop land, 27 and the use of wood for building railroads, mining and fuel. The National Forests and the United 28 States Forest Service were created over a hundred years ago in the initial stages of the American 29 conservation movement, in part, to stop rampant deforestation and to begin the practice of 30 scientific and sustainable forest management. Eventually, national forests were established in 31 the east primarily for the purpose of healing cut over watersheds. The goal of stopping and

reversing the deforestation crisis of 100 years ago was largely achieved. Today, our nation's forests cover about one-third of the country, provide 51 percent of the nation's demand for water (US Forest Resource, Facts and Historical Trends, 2005), provide wood and paper products, provide habitat for threatened and endangered species and other wildlife, and offer beautiful settings for billions of recreation visits (RPA, 2005). Today I'd like to focus on the values our forests provide, rather than on any specific output. I believe we need to rethink our relationship with these lands in terms of their long-term values, not just their short-term uses. These values include everything from clean drinking water to hardwood for furniture to grizzly bear habitat to an experience of solitude as a respite from urban life to biomass that can help solve some of our nation's energy challenges. To protect and maintain the values the nation's forests provide requires much vision, planning, and work. Our forests are owned privately by individuals, families, and companies, and publicly by counties, states, and the federal government. One can find these forests in the backcountry far from cities, around communities, and sometimes in our own backyards. Our challenge is to reconnect urban and rural Americans to these forests and to focus on how we can work together to deliver all these important and essential values. As part of delivering those values, we must have a clear assessment of the current condition of our nation's forests. Our forest scientists, located at universities and Research Stations throughout the nation, are continually gathering and analyzing data to help us better understand the conditions we are facing. In addition, our Forest Inventory and Analysis division has been

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gathering on-the-ground data on the condition of our nation's forests for the better part of a

century. These assessments point to the challenges our nation's forests are currently facing due to changes caused by insects, disease, noxious and exotic weeds and fire, and the conversion of forest land for development. Here are some specifics:

- While tree mortality caused by insects tends to be cyclical, it is at its highest level in fifty years. Eight percent of the forested area of the US is at risk of attack and potential mortality (RPA 2005). Beetle killed trees cover large areas of the Northern Rockies, the Southwest, and dry forests in the Northwest. Similarly, areas of the Lake States are being ravaged by the Emerald Ash Borer and the Asian long horned beetle is destroying trees in New England and right here in the backyard of the nation's capitol. The impact of insects and disease is not limited to the back woods. Cities and towns throughout the northeast are witnessing the death of their beloved trees along streets and within community parks.
 - Public and private forests have accumulated a significant amount of excess hazardous fuels (brush and woody materials) due, in large part, to a century of fire exclusion. On the National Forests alone, between sixty and eighty million acres of forest land is classified as densely stocked with small diameter trees and at risk for a catastrophic wildfire (Budget Director re: Congressional testimony provided in 2009). As a result, wildfire is burning large amounts of forests across the nation. In recent years fires have burned about eight million acres each year of forest and grassland. This is an area nearly twice the size of the State of New Jersey. Management predictions for the next decade indicate that fires may well burn in excess of ten million acres of forest and grassland annually (Quadrennial Fire Review). In addition, more homes are being burned each

year. For many federal, state and local agencies, the cost of suppression continues to grow.

• Forested lands are being invaded by noxious and exotic weeds. On the National Forests alone, our management estimates indicate that to be six to eight million acres annually (Invasive Species Threat to America's Forested Ecosystems, Ielmini).

• Over the past fifty years urban areas have increased in size by 60 percent. During that same period, forested acreage has shown little change. The actual picture is somewhat more complex than the simple statistics alone would suggest. The amount of forest area is generally shrinking in the eastern and western states due to urbanization and fragmentation, while the amount of forest area is increasing in the interior of the nation as some of our cropland reverts to forest. Over the next ten years we anticipate that almost 22 million acres of forest within ten miles of existing cities and towns will be further subdivided or developed (Forest on the Edge, Stein, McRoberts, and Alig, 2006). In addition, many of the owners of large tracts of forest are senior citizens, indicating vast tracts of forested land will be transferred to new owners who may or may not maintain them as large forested tracts. Considering that the majority of forestland in this country is owned by private family landowners, change is coming and it may be significant.

• Today, over eighty percent of the population lives in urban settings (cities and towns with a population greater than 2500). The average canopy cover in these cities and towns is 27 percent. These trees have many environmental benefits in the urban ecosystem including

101 cleaning the air and actually cooling neighborhoods which reduces our energy needs. 102 Open space also provides areas for filtering surface water and helps mitigate potential flooding. Management estimates indicate that there are 3.8 billion trees in these settings 103 104 (Forest Resource Facts and Historical Trends, 2009). As noted, the impact of insects and 105 disease is also a major concern in these urban ecosystems. 106 107 We continue to demonstrate our appreciation for forest settings in large numbers. Last 108 year, we estimate that Americans made several billion visits to forest settings. On the 109 National Forests, our survey data indicates that the Forest Service hosted approximately 110 186 million visitors. These forested settings are critical to the quality of life for many of 111 us and our communities. (Forest Resource Facts and Historical Trends, 2009) 112 113 In addition to resource challenges, the forest products industrial infrastructure is in decline in 114 many places. Accompanying that decline is a loss of jobs and a decline in community vitality. 115 Much of this is a result of the current recession and the associated decline in housing starts. This 116 makes resource management, where needed, more difficult. 117 118 There are numerous challenges ahead, but every set of challenges also offers opportunity. There 119 are significant opportunities to begin addressing these challenges by maintaining, reconnecting, 120 and renewing the bond between communities and their forests. We can deliver the many values 121 we've come to appreciate and want if we invest the time and energy to work together.

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123 We look forward to working with the Congress to address many of the challenges facing 124 America's forests. Some of those challenges include: 125 private forests and development, 126 insect, disease and noxious weed epidemics in both rural and urban settings, 127 • hazardous fuels reduction near communities, municipal watersheds and critical 128 infrastructure, 129 • moving towards more fire resilient forested landscape, 130 balancing sustainable wood products and the biomass industry which helps restore 131 healthy ecosystems, 132 managing roadless areas, 133 • supporting such values as clean water, clean air, and fiber and carbon sequestration and 134 storage, 135 protecting and enhancing wildlife and fish habitat, and 136 • providing opportunities for citizens to choose forest settings to recreate, refresh, and 137 renew themselves. 138 139 Another challenge our forests face is the deep divide that persists in the wake of decades of 140 debate about how to best manage for the desired multiple uses. Some of our forests need 141 restoration work and sustainable active management to remove hazardous fuels, to ensure clean 142 water flows; all while maintaining forest health and resiliency in a changing climate. It is 143 important to note that not every acre needs active management. We must move beyond the all or

nothing ideas of competing interests by focusing on shared values and how they can overlap and

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come together. This requires intelligent, collaborative planning, smart, scientific based management, and inclusive decision-making.

It's been my experience that people on opposite sides of the forestry table often have the same values. They just differ in how they would want to see those values expressed on the land.

While for one person, protection is eliminating human influence on an ecosystem, for another it is aggressive treatment. Both want the forest to exist and thrive. If we can focus on values, we can enlarge the dialogue and arrive at a better solution.

Currently, collaborative efforts are flourishing across the nation, creating increased understanding between citizens of diverse backgrounds. Here are several recent examples where people have been working together to accomplish this vision:

1. The town of Woodland Park, Colorado, working with the Front Range Fuels Treatment Partnership Roundtable, of which the Forest Service is a member, was the recipient of the Community Demonstration Project Award. The project already has attracted \$100,000 to help treat fuels in high-risk areas. One hundred percent of the project is in the Wildland Urban Interface (WUI). Funding from the Governor's Energy Office, the Colorado Forest Restoration Institute, and the Office of Smart Growth will be matched with funding from national foundations and local organizations to make the Woodland Park Healthy Forest Initiative a reality. This collaborative project of various federal, state, local government, nonprofit, and individual partners is dedicated to the improvement of the resiliency and health of forests in and around the Woodland Park area, and the implementation of the

Teller County Community Wildfire Protection Plan. Current funding for this project from the grant and from other partners exceeds \$350,000.

2. The National Forests of Mississippi produced a nearly completed draft Land and Resource Management Plan that was a result of excellent collaboration with all interested parties. The collaborative process clarified the wide support for prioritizing native ecosystem restoration and habitat improvement for threatened and endangered species as core components of the plan. This collaborative process demonstrates how active forest management is a tool for meeting ecosystem restoration goals, sustaining healthy, resilient forests while also supplying desired goods and services to the local communities.

3. The Mississippi Forestry Commission is leading a collaborative effort to address the kudzu problem. Utility companies, federal, state and local officials spend thousands of dollars each year to control kudzu. Kudzu contributes to the intensity of woodland fires because it is highly flammable and provides a fuel ladder from the forest floor to the forest canopy. The purpose of this collaborative and comprehensive approach between state and federal agencies and non-governmental organizations is to address the threat and destruction that kudzu poses to farmers, ranchers, and foresters on both public and private lands. The coalition intends to facilitate a voluntary and cooperative effort in educating the public, researching this pest species, and providing a means of control, suppression, or selective eradication of kudzu. As a partner in these efforts, Secretary Vilsack recently approved \$1.6 million for American Recovery and Reinvestment Act invasive species projects on the Holly Springs National Forest.

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harm - wildfire, invasive species and the ravages of insect and disease outbreaks, and 3) enhance

200 fuels reduction areas across the landscape. Federal and state agencies have found CWPPs to be very useful in helping prioritize agency fuel treatments via these collaborative mechanisms. 203 The Administration is increasing support for the Forest Legacy Program as well as the Land and

landscapes for future generations.

207 We have much restoration work to accomplish on the nation's forested landscapes. Fortunately, the U.S. Forest Service is staffed by some of the best-trained, hardest working professionals in

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the world. They know we cannot achieve these objectives without the active participation and

living in and close to forested areas, the forest products industry, environmental interests, and the

among other things: 1) conserve working forest landscapes, 2) protect our nation's forests from

collaboration of federal and state resource management agencies, elected officials, residents

general public. We look forward to working together with the Congress and our partners to,

Our intention is to provide the means to multiply these successes across America. We are

committed to a vision where Americans will sit down to not only address impacts, but more

On a national and local scale, one particularly successful collaborative effort over the past

importantly, to protect and promote the full range of forest values that are important to all of us.

several years has been the development of Community Wildfire Protection Plans (CWPPs). The

National Association of State Foresters estimates that there are over 56,000 communities at risk.

To date, more than 4,700 at-risk communities have completed (CWPPs). These plans prioritize

Water Conservation Fund, both of which will help Americans protect important forested

benefits associated with trees and forests; e.g., water quality as well as sustainable communities 215 216 and landscapes. 217 218 I am convinced that with the help and continued engagement of the Congress and our state and 219 local community partners, we can improve upon these successes by restoring our forests, public 220 and private, consistent with the values we cherish. Simply put, healthy forests equal healthy 221 communities. We welcome your involvement and assistance in that effort. 222 223 This concludes my prepared statement, and I would be pleased to answer any questions you may 224 have. 225