



# ESA 2002 ANNUAL MEETING

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## SUBJECT INDEX ON WILDFIRE

- WILDFIRE      **131 Post-fire recovery in Sonoran desert ecosystems in relation to landform and depth to petrocalcic horizon**  
*Carnegiea gigantea*, wildfire, petrocalcic horizon, ground penetrating radar  
[FULL ABSTRACT](#)
- WILDFIRE      **13 Post-fire logging effects and soil degradation in Mediterranean pine forests**  
wildfire, savage logging, rill erosion, surficial processes  
[FULL ABSTRACT](#)
- WILDFIRE      **Can post-fire plant restoration minimize the dominance of invasive species?**  
invasive species, restoration, wildfire, cheatgrass  
[FULL ABSTRACT](#)
- WILDFIRE      **Long-term response of nocturnal rodents to wildfire in the Mojave and Great Basin Desert ecotone**  
rodents, wildfire, long-term, Mojave Desert  
[FULL ABSTRACT](#)
- WILDFIRE      **124 Assessment of vegetative recovery following fire at Gonzales Pass, Pinal County, Arizona**  
wildfire, *Selaginella arizonica*, *Simmondsia chinensis*  
[FULL ABSTRACT](#)
- WILDFIRE BEHAVIOR      **Modeling the effects of fire hazard reduction activities on wildfire behavior.**  
fire hazard reduction, wildfire behavior, Monte Carlo simulations  
[FULL ABSTRACT](#)
- WILDFIRE FUELS REDUCTION      **Wildfire effects on thinned and unthinned Piñon-Juniper woodland**  
ecosystem restoration, wildfire fuels reduction, soil stabilization  
[FULL ABSTRACT](#)
- WILDFIRE SEVERITY      **Invasive plants and wildfire on the Cerro Grande fire, Los Alamos: Integration of spatial information and spatial and spatial statistics**

landscape assessments, invasive species, wildfire severity, spatial information



 [FULL ABSTRACT](#)




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## SUBJECT INDEX ON FIRE ECOLOGY

- |                 |  |
|-----------------|--|
| FIRE<br>ECOLOGY | <p><b>104 Fire effects on soils: A capstone course in environmental sciences</b><br/>capstone course, fire ecology, environmental science education, soil disturbance</p> <p> <a href="#">FULL ABSTRACT</a></p>   |
| FIRE<br>ECOLOGY | <p><b>57 Fire and its role in metapopulation dynamics of turkeybeard (<i>Xerophyllum asphodeloides</i>), a rare forest herb</b><br/>fire ecology, metapopulations, genetic structure, GIS models</p> <p> <a href="#">FULL ABSTRACT</a></p>            |
| FIRE<br>ECOLOGY | <p><b>147 Climate, fire, and vegetation change over the past 10000 years at two sites along the prairie-forest border in south central Minnesota.</b><br/>Bigwoods, climate change, fire ecology, pollen</p> <p> <a href="#">FULL ABSTRACT</a></p>    |
| FIRE<br>ECOLOGY | <p><b>The event-area relationship: spatial and temporal scaling rules for surface fire regimes in southwestern Ponderosa pine forests</b><br/>fire ecology, disturbance, fire-climate relationship, scaling</p> <p> <a href="#">FULL ABSTRACT</a></p> |
| FIRE<br>ECOLOGY | <p><b>An assessment of historic fire-vegetation relationships in the eastside pine forest of California</b><br/>restoration ecology, fire ecology, ponderosa pine, california</p> <p> <a href="#">FULL ABSTRACT</a></p>                               |

LANDSCAPE **Landscape fire ecology and the restoration of natural fire**  
FIRE **frequencies**  
ECOLOGY landscape fire ecology, presettlement fire frequency, fire frequency  
mapping  
 [FULL ABSTRACT](#)

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