

April 2004 Monthly Alert

012. Methodology and advanced technology

1. Cieszewski, C. J. Developing a well-behaved dynamic site equation using a modified Hossfeld IV function $Y_3 = (ax^m) / (c + x^{m-1})$, a simplified mixed-model and scant subalpine fir data. *Forest science*. Vol. 49, no. 4 (Aug. 2003): p. 539-554.
2. Coates, K. David ; Canham, Charles D. ; Beaudet, Marilou ; Sachs, Donald L. ; Messier, Christian. Use of a spatially explicit individual-tree model (SORTIE/BC) to explore the implications of patchiness in structurally complex forests. *Forest ecology and management*. Vol. 186, no. 1/3 (Dec. 2003): p. 297-310.
3. Czaplewski, Raymond L. ; Patterson, Paul L. Classification accuracy for stratification with remotely sensed data. *Forest science*. Vol. 49, no. 3 (June 2003): p. 402-408.
4. Dean, Thomas J. ; Cao, Quang V. Inherent correlations between stand biomass variables calculated from tree measurements. *Forest science*. Vol. 49, no 2 (Apr. 2003): p. 279-284.
5. Donovan, Geoffrey H. ; Rideout, Douglas B. A reformulation of the cost plus net value change (C+NVC) model of wildfire economics. *Forest science*. Vol. 49, no. 2 (Apr. 2003): p. 318-323.
6. Donovan, Geoffrey H. ; Rideout, Douglas B. An integer programming model to optimize resource allocation for wildfire containment. *Forest science*. Vol. 49, no. 2 (Apr. 2003): p. 331-335.
7. Fischer, Douglas T. ; Church, Richard L. Clustering and compactness in reserve site selection : an extension of the Biodiversity Management Area Selection model. *Forest science*. Vol. 49, no. 4 (Aug. 2003): p. 555-565.
8. Foody, Giles M. ; Jackson, Robin G. ; Quine, Christopher P. Potential improvements in the characterization of forest canopy gaps caused by windthrow using fine spatial resolution multispectral data : comparing hard and soft classification techniques. *Forest science*. Vol. 49, no. 3 (June 2003): p. 444-454.

9. Franklin, Janet. Clustering versus regression trees for determining ecological land units in the southern California mountains and foothills. *Forest science*. Vol. 49, no. 3 (June 2003): p. 354-368.
10. Graham, Michael H. Confronting multicollinearity in ecological multiple regression. *Ecology*. Vol. 84, no. 11 (Nov. 2003): p. 2809-2815.
11. Hely, Christelle ; Flannigan, Mike ; Bergeron, Yves. Modeling tree mortality following wildfire in the southeastern Canadian mixed-wood boreal forest. *Forest science*. Vol. 49, no. 4 (Aug. 2003): p. 566-576.
12. Holmgren, Johan E. S. ; Nilsson, Mats ; Olsson, Hakan. Estimation of tree height and stem volume on plots using airborne laser scanning. *Forest science*. Vol. 49, no. 3 (June 2003): p. 419-428.
13. Holmstrom, Hampus ; Fransson, Johan E. S. Combining remotely sensed optical and radar data in kNN-estimation of forest variables. *Forest science*. Vol. 49, no. 3 (June 2003): p. 409-418.
14. Joy, Suzanne M. ; Reich, R. M. ; Reynolds, Richard T. A non-parametric, supervised classification of vegetation types on the Kaibab National Forest using decision trees. *International journal of remote sensing*. Vol. 24, no. 9 (2003): p. 1835-1852.
15. Liu, Chuangmin ; Zhang, Lianjun ; Davis, Craig J. ; Solomon, Dale S. ; Brann, Thomas B. ; Caldwell, Lawrence E. Comparison of neural networks and statistical methods in classification of ecological habitats using FIA data. *Forest science*. Vol. 49, no. 4 (Aug. 2003): p. 619-631.
16. Lynch, Thomas B. ; Nkouka, Jean ; Huebschmann, Michael M. ; Guldin, James M. Maximum likelihood estimation for predicting the probability of obtaining variable shortleaf pine regeneration densities. *Forest science*. Vol. 49, no. 4 (Aug. 2003): p. 577-584.
17. McCombs, John W. ; Roberts, Scott D. ; Evans, David L. Influence of fusing lidar and multispectral imagery on remotely sensed estimates of stand density and mean tree height in a managed loblolly pine plantation. *Forest science*. Vol. 49, no. 3 (June 2003): p. 457-466.
18. Rebain, Stephanie ; McDill, Marc E. A mixed-integer formulation of the minimum patch size problem. *Forest science*. Vol. 49, no. 4 (Aug. 2003): p. 608-618.
19. Ringvall, Anna. Guided transect sampling with a new strategy for second-stage guidance. *Forest science*. Vol. 49, no. 2 (Apr. 2003): p. 169-175.
20. Sader, Steven A. ; Bertrand, Matthew ; Wilson, Emily Hoffhine. Satellite change detection of forest harvest patterns on an industrial forest landscape. *Forest science*. Vol. 49, no. 3 (June 2003): p. 341-353.

21. Sampson, Paul H. ; Zarco-Tejada, Pablo J. ; Mohammed, Gina H. ; Miller, John R. ; Noland, Thomas L. Hyperspectral remote sensing of forest condition : estimating chlorophyll content in tolerant hardwoods. *Forest science*. Vol. 49, no. 3 (June 2003): p. 381-391.
22. Sandmann, Holger ; Lertzman, Ken P. Combining high-resolution aerial photography with gradient-directed transects to guide field sampling and forest mapping in mountainous terrain. *Forest science*. Vol. 49, no. 3 (June 2003): p. 429-443.
23. Williams, Michael S. ; Patterson, Paul L. Comparing two area estimation techniques for established surveys using remotely sensed and ground data. *Forest science*. Vol. 49, no. 3 (June 2003): p. 392-401.

020. Forest economics

24. Conway, M. Christine ; Amacher, Gregory S. ; Sullivan, Jay ; Wear, David. Decisions nonindustrial forest landowners make : an empirical examination. *Journal of forest economics*. Vol. 9, no. 3 (2003): p. 181-203.
25. Haynes, Hylton J. G. ; Visser, Rien J. M. An applied hardwood value recovery study in the Appalachian region of Virginia and West Virginia. *International journal of forest engineering*. Vol. 15, no. 1 (Jan. 2004): p. 25-31.
26. Newman, Chris ; Buesching, Christina D. ; Macdonald, David W. Validating mammal monitoring methods and assessing the performance of volunteers in wildlife conservation : "Sed quis custodiet ipsos custodies?" [Who will monitor the monitors?] *Biological conservation*. Vol. 113, no. 2 (Oct. 2003): p. 189-197.
27. Torell, L. Allen ; Rimbley, Neil R. ; Van Tassell, Larry W. ; Tanaka, John A. ; Bartlett, E. Tom. An evaluation of the federal grazing fee formula. *Journal of range management*. Vol. 56, no. 6 (Nov. 2003): p. 577-584.
28. Twer, Martin. *A landscape assessment as foundation for a multiple use planning process for the Bandy Ranch, Ovando, Montana, U.S.A.* 2001. Diploma thesis --Universitat Munster and University of Montana, 2001: 68 p.
29. Wang, Jingxin ; LeDoux, Chris B. ; Vanderberg, Mike ; McNeel, Joe. Log damage and value loss associated with two ground-based harvesting systems in central Appalachia. *International journal of forest engineering*. Vol. 15, no. 1 (Jan. 2004): p. 61-69.

030. Forest engineering

30. Chung, Woodam ; Sessions, John ; Heinemann, Hans R. An application of a heuristic network algorithm to cable logging layout design. *International journal of forest engineering*. Vol. 15, no. 1 (Jan. 2004): p. 11-24.

31. Clinton, Barton D. ; Vose, James M. Differences in surface water quality draining four road surface types in the southern Appalachians. *Southern journal of applied forestry*. Vol. 27, no. 2 (May 2003): p. 100-106.

040. Forest mensuration

32. Duursma, R. A. ; Robinson, A. P. Bias in the mean tree model as a consequence of Jensen's inequality. *Forest ecology and management*. Vol. 186, no. 1/3 (Dec. 2003): p. 373-380.
33. Fraser, R. H. ; Fernandes, R. ; Latifovic, R. Multi-temporal mapping of burned forest over Canada using satellite-based change metrics. *Geocarto international*. Vol. 18, no. 2 (June 2003): p. 37-47.
34. Grierson, I. T. Evaluation of airborne video data for land cover classification accuracy assessment. *Geocarto international*. Vol. 18, no. 2 (June 2003): p. 27-35.
35. Johnson, Christine ; Kennedy, Kama ; Withers, Ann. *Forest inventory and analysis user's guide*. [Vallejo, CA] : USDA Forest Service, Pacific Southwest Region, 2002: [737] p. **[Loan Only]**
36. Lawley, Jane ; Hickey, Robert ; Wayne, Adrian ; Wright, Graeme. Spatio-temporal GIS development to aid multiple-use forest management. *Geocarto international*. Vol. 18, no. 2 (June 2003): p. 49-59.
37. Narayanan, Ram M. ; Ponnappan, Sudhir K. ; Reichenbach, Stephen E. Effects of noise on the information content of remote sensing images. *Geocarto international*. Vol. 18, no. 2 (June 2003): p. 15-26.
38. Omasa, Kenji ; Qiu, Guo Yu ; Watanuki, Kenichi ; Yoshimi, Kenji ; Akiyama, Yukihide. Accurate estimation of forest carbon stocks by 3-D remote sensing of individual trees. *Environmental science & technology*. Vol. 37, no. 6 (Feb. 15, 2003): p. 1198-1201.
39. Parker Williams, Amy E. ; Hunt, E. Raymond Jr. Accuracy assessment for detection of leafy spurge with hyperspectral imagery. *Journal of range management*. Vol. 57, no. 1 (Jan. 2004): p. 106-112.
40. Rautiainen, Miina ; Stenberg, Pauline ; Nilson, Tiit ; Kuusk, Andres. The effect of crown shape on the reflectance of coniferous stands. *Remote sensing of environment*. Vol. 89, issue 1 (January 15, 2004): p. 41-52.
41. Saksa, Timo ; Uuttera, Janne ; Kolstrom, Taneli ; Lehikoinen, Mikko ; Pekkarinen, Anssi ; Sarvi, Vesa. Clear-cut detection in boreal forest aided by remote sensing. *Scandinavian journal of forest research*. Vol. 18, no. 6 (2003): p. 537-546.

42. Schwarz, Markus ; Steinmeier, Charlotte ; Holecz, Francesco ; Stebler, Oliver ; Wagner, Heinz. Detection of windthrow in mountainous regions with different remote sensing data and classification methods. *Scandinavian journal of forest research*. Vol. 18, no. 6 (2003): p. 525-536.
43. Smolander, Sampo ; Stenberg, Pauline. A method to account for shoot scale clumping in coniferous canopy reflectance models. *Remote sensing of natural resources*. Vol. 88, no. 4 (Dec. 2003): p. 363-373.
44. Tuominen, Sakari ; Pekkarinen, Anssi. Local radiometric correction of digital aerial photographs for multi source forest inventory. *Remote sensing of environment*. Vol. 89, issue 1 (January 15, 2004): p. 72-82.
45. White, Joseph D. ; Running, Steven W. ; Ryan, Kevin C. ; Key, Carl C. Fuzzy logic merger of spectral and ecological information for improved montane forest mapping. *Geocarto international*. Vol. 17, no. 1 (Mar. 2002): p. 59-66.

051. Artificial regeneration

46. Colombo, Stephen J. ; Glerum, Chris ; Webb, D. Paul. Daylength, temperature and fertilization effects on desiccation resistance, cold hardiness and root growth potential of *Picea mariana* seedlings. *Annals of forest science*. Vol. 60, no. 4 (May/June 2003): p. 307-317.
47. Heiskanen, Juha. Effects of pre- and post-planting shading on growth of container Norway spruce seedlings. *New forests*. Vol. 27, no. 2 (March 2004): p. 101-114.

052. Silvicultural methods

48. Bebber, Daniel P. ; Thomas, Sean C. ; Cole, William G. ; Balsillie, David. Diameter increment in mature eastern white pine *Pinus strobus* L. following partial harvest of old-growth stands in Ontario, Canada. *Trees structure and function*. Vol. 18, no. 1 (Jan. 2004): p. 29-34.
49. Mellmann-Brown, Sabine. *The regeneration of whitebark pine in the timberline ecotone of the Beartooth Plateau, Montana and Wyoming*. 2002. Thesis ([Doctoral])--Westfälischen Wilhelms-Universität Münster, 2002: 156 p.
50. Rogers, W. Rhett ; Munn, Ian A. Forest management intensity : a comparison of timber investment management organizations and industrial landowners in Mississippi. *Southern journal of applied forestry*. Vol. 27, no. 2 (May 2003): p. 83-91.

060. Genetics/Plant breeding

51. Jermstad, Kathleen D. ; Bassoni, Daniel L. ; Jech, Keith S. ; Ritchie, Gay A. ; Wheeler, Nicholas C. ; Neale, David B. Mapping of quantitative trait loci controlling adaptive traits in coastal Douglas-fir. III, Quantitative trait loci-by-environment interactions. *Genetics*. Vol. 165 (2003): p. 1489-1506.

072. Anatomy/Morphology

52. Rankin, W. T. ; Tramer, Elliot J. The gap dynamics of canopy trees of a *Tsuga canadensis* forest community. *Northeastern naturalist*. Vol. 9, no. 4 (Dec. 2002): p. 391-406.

073. Plant physiology

53. Dalen, Lars Sandved ; Johnson, Oystein. CO₂ enrichment, nitrogen fertilization and development of freezing tolerance in Norway spruce. *Trees structure and function*. Vol. 18, no. 1 (Jan. 2004): p. 10-18.
54. de Chantal, Michelle ; Leinonen, Kari ; Ilvesniemi, Hannu ; Westman, Carl Johan. Effects of site preparation on soil properties and on morphology of *Pinus sylvestris* and *Picea abies* seedlings sown at different dates. *New forests*. Vol. 27, no. 2 (March 2004): p. 159-173.
55. Drezner, Taly Dawn. Saguaro recruitment over their American range : a separation and comparison of summer temperature and rainfall. *Journal of arid environments*. Vol. 56, no. 3 (Feb. 2004): p. 509-524.
56. Islam, M. Anisul ; Macdonald, S. Ellen. Ecophysiological adaptations of black spruce (*Picea mariana*) and tamarack (*Larix laricina*) seedlings to flooding. *Trees structure and function*. Vol. 18, no. 1 (Jan. 2004): p. 35-42.
57. Krekling, Trygve ; Franceschi, Vincent R. ; Krokene, Paal ; Solheim, Halvor. Differential anatomical response of Norway spruce stem tissues to sterile and fungus infected inoculations. *Trees structure and function*. Vol. 18, no. 1 (Jan. 2004): p. 1-9.
58. Richardson, Andrew D. ; Aikens, Melissa ; Berlyn, Graeme P. ; Marshall, Philip. Drought stress and paper birch (*Betula papyrifera*) seedlings : effects of an organic biostimulant on plant health and stress tolerance, and detection of stress effects with instrument-based, noninvasive methods. *Journal of arboriculture*. Vol. 30, no. 1 (Jan. 2004): p. 52-61.
59. Schulz, Horst ; Hartling, Sigrid. Vitality analysis of Scots pines using a multivariate approach. *Forest ecology and management*. Vol. 186, no. 1/3 (Dec. 2003): p. 73-84.

60. Sheppard, L. J. ; Rosengren, Ulrika ; Emmett, Bridget A. Do nitrogen additions change the sensitivity of detached shoots from Sitka and Norway spruce to freezing temperatures? Evidence from three field manipulation studies. *Scandinavian journal of forest research*. Vol. 18, no. 6 (2003): p. 487-498.
61. Taylor, Adam M. ; Gartner, Barbara L. ; Morrell, Jeffrey J. Co-incident variations in growth rate and heartwood extractive concentration in Douglas-fir. *Forest ecology and management*. Vol. 186, no. 1/3 (Dec. 2003): p. 257-260.
62. Wikberg, Jenny ; Ogren, Erling. Interrelationships between water use and growth traits in biomass-producing willows. *Trees structure and function*. Vol. 18, no. 1 (Jan. 2004): p. 70-76.
63. Wilcox, Carolyn S. ; Ferguson, Joseph W. ; Fernandez, George C. J. ; Nowak, Robert S. Fine root growth dynamics of four Mojave Desert shrubs as related to soil moisture and microsite. *Journal of arid environments*. Vol. 56, no. 1 (Jan. 2004): p. 129-148.
64. Young, James A. ; Clements, Charlie D. ; Wilson, Robert. *Brassica elongata* ssp. *integrifolia* seed germination. *Journal of range management*. Vol. 56, no. 6 (Nov. 2003): p. 623-626.
65. Young, James A. ; Clements, Charlie D. Germination of seeds of Fremont cottonwood. *Journal of range management*. Vol. 56, no. 6 (Nov. 2003): p. 660-664.

074. Plant ecology

66. Agee, James K. Historical range of variability in eastern Cascades forests, Washington, USA. *Landscape ecology*. Vol. 18, no. 8 (2003): p. 725-740.
67. Clinton, Barton D. Light, temperature, and soil moisture responses to elevation, evergreen understory, and small canopy gaps in the southern Appalachians. *Forest ecology and management*. Vol. 186, no. 1/3 (Dec. 2003): p. 243-255.
68. Darbyshire, S. J. ; Wilson, C. E. ; Allison, K. The biology of invasive alien plants in Canada. 1. *Eriochloa villosa* (Thunb.) Kunth. *Canadian journal of plant science*. Vol. 83, no. 4 (Oct. 2003): p. 987-999.
69. Elderd, Bret D. The impact of changing flow regimes on riparian vegetation and the riparian species *Mimulus guttatus*. *Ecological applications*. Vol. 13, no. 6 (Dec. 2003): p. 1610-1625.
70. Frappier, Brian ; Eckert, Robert T. ; Lee, Thomas D. Potential impacts of the invasive exotic shrub *Rhamnus frangula* L. (glossy buckthorn) on forests of southern New Hampshire. *Northeastern naturalist*. Vol. 10, no. 3 (Sept. 2003): p. 277-296.
71. Gardescu, Sana. Herbivory, disease, and mortality of sugar maple seedlings. *Northeastern naturalist*. Vol. 10, no. 3 (Sept. 2003): p. 253-268.

72. Goebel, P. Charles. ; Palik, Brian J. ; Pregitzer, Kurt S. Plant diversity contributions of riparian areas in watersheds of the northern lake states, USA. *Ecological applications*. Vol. 13, no. 6 (Dec. 2003): p. 1595-1605.
73. Grogan, James ; Ashton, Mark S. ; Galvao, Jurandir. Big-leaf mahogany (*Swietenia macrophylla*) seedling survival and growth across a topographic gradient in southeast Para, Brazil. *Forest ecology and management*. Vol. 186, no. 1/3 (Dec. 2003): p. 311-326.
74. Gustafson, Eric J. ; Lietz, Sue M. ; Wright, John L. Predicting the spatial distribution of aspen growth potential in the upper Great Lakes region. *Forest science*. Vol. 49, no. 4 (Aug. 2003): p. 499-508.
75. Hall, Jaclyn M. ; Gillespie, Thomas W. ; Richardson, Donald ; Reader, Steven. Fragmentation of Florida scrub in an urban landscape. *Urban ecosystems*. Vol. 6, no. 4 (Dec. 2002): p. 243-255.
76. Hilty, Julie H. ; Eldridge, David J. ; Rosentreter, Roger ; Wicklow-Howard, Maria C. ; Pellatt, Mike. Recovery of biological soil crusts following wildfire in Idaho. *Journal of range management*. Vol. 57, no. 1 (Jan. 2004): p. 89-96.
77. Kay, Charles E. *Long term vegetation change on Utah's Fishlake National Forest : a study in repeat photography*. [Logan, Utah : Utah State University, 2003.]: 175 p. **[Loan Only]**
78. Lehmkuhl, John F. Epiphytic lichen diversity and biomass in low-elevation forests of the eastern Washington Cascade range, USA. *Forest ecology and management*. Vol. 187, no. 2/3 (Jan. 2004): p. 381-392.
79. Lenihan, James M. ; Drapek, Raymond ; Bachelet, Dominique ; Neilson, Ronald P. Climate change effects on vegetation distribution, carbon, and fire in California. *Ecological applications*. Vol. 13, no. 6 (Dec. 2003): p. 1667-1681.
80. Lindh, Briana C. ; Gray, Andrew N. ; Spies, Thomas A. Responses of herbs and shrubs to reduced root competition under canopies and in gaps : a trenching experiment in old-growth Douglas-fir forests. *Canadian journal of forest research*. Vol. 33, no. 10 (Oct. 2003): p. 2052-2057.
81. Long, Jonathan W. *Evaluating recovery of riparian wetlands on the White Mountain Apache Reservation*. 2002 Thesis (Ph.D.)--Northern Arizona University, 2002: [214] p. **[Loan Only]**
82. Merrill, Evelyn H. ; Colberg, Patricia J. S. Defoliation, waterlogging and dung influences allocation patterns of *Deschampsia caespitosa*. *Journal of range management*. Vol. 56, no. 6 (Nov. 2003): p. 634-639.

83. Monaco, Thomas A. ; Mackown, Charles T. ; Johnson, Douglas A. ; Jones, Thomas A. ; Norton, Jeanette M. ; Norton, Jay B. ; Redinbaugh, Margaret G. Nitrogen effects on seed germination and seedling growth. *Journal of range management*. Vol. 56, no. 6 (Nov. 2003): p. 646-653.
84. O'Donovan, J. T. ; Harker, K. Neil ; Blackshaw, R. E. ; Stougaard, R. N. Influence of variable rates of imazamethabenz and difenzoquat on wild oat (*Avena fatua*) seed production, and wheat (*Triticum aestivum*) yield and profitability. *Canadian journal of plant science*. Vol. 83, no. 4 (Oct. 2003): p. 977-985.
85. Toft, Catherine A. ; Fraizer, Tamara. Spatial dispersion and density dependence in a perennial desert shrub (*Chrysothamnus nauseosus*: Asteraceae). *Ecological monographs*. Vol. 73, no. 4 (Nov. 2003): p. 605-624.
86. Turley, Deborah ; Roundy, Bruce A. ; Walker, Scott C. Growth and reproductive responses of true mountain mahogany to browsing. *Journal of range management*. Vol. 56, no. 6 (Nov. 2003): p. 591-599.
87. Turley, Deborah ; Roundy, Bruce A. ; Walker, Scott C. True mountain mahogany community and shrub size responses to browsing. *Journal of range management*. Vol. 56, no. 6 (Nov. 2003): p. 600-607.
88. Valone, Thomas J. Examination of interaction effects of multiple disturbances on an arid plant community. *Southwestern naturalist*. Vol. 48, no. 4 (Dec. 2003): p. 481-490.
89. Welch, Bruce L. ; Criddle, Craig. *Countering misinformation concerning big sagebrush*. Fort Collins, CO : USDA Forest Service, Rocky Mountain Research Station, 2003: 28 p. (Research paper RMRS ; RP-40) http://www.fs.fed.us/rm/pubs/rmrs_rp040.pdf
90. Zavaleta, Erika S. ; Shaw, M. Rebecca ; Chiariello, Nona R. ; Thomas, Brian D. ; Cleland, Elsa E. ; Field, Christopher B. ; Mooney, Harold A. Grassland responses to three years of elevated temperature, CO₂, precipitation, and N deposition. *Ecological monographs*. Vol. 73, no. 4 (Nov. 2003): p. 585-604.
91. Zipperer, Wayne C. Species composition and structure of regenerated and remnant forest patches within an urban landscape. *Urban ecosystems*. Vol. 6, no. 4 (Dec. 2002): p. 271-290.

081. Mycology/Pathology

92. Johnson, Randy (G. Randy) ; Gartner, Barbara L. ; Maguire, Doug ; Kanaskie, Alan. Influence of Bravo fungicide applications on wood density and moisture content of Swiss needle cast affected Douglas-fir trees. *Forest ecology and management*. Vol. 186, no. 1/3 (Dec. 2003): p. 339-348.

082. Insects and other invertebrates

93. Cedervind, Jan ; Langstrom, Bo. Tree mortality, foliage recovery and top-kill in stands of Scots pine (*Pinus sylvestris*) subsequent to defoliation by the pine looper (*Bupalus piniaria*). *Scandinavian journal of forest research*. Vol. 18, no. 6 (2003): p. 505-513.
94. Clarke, Stephen R. ; Billings, Ronald F. Analysis of the southern pine beetle suppression program on the National Forests in Texas in the 1990s. *Southern journal of applied forestry*. Vol. 27, no. 2 (May 2003): p. 122-129.
95. Markin, George P. Notes on the biology and release of *Caloptilia* sp. nr. *schinella* (Walsingham) (Lepidoptera: Gracillariidae), a biological control moth for the control of the weed firetree (*Myrica faya* Aiton) in Hawaii. *Proceedings of the Hawaiian entomological society*. Vol. 35 (2001): p. 67-76.
96. Vermeire, Lance T. ; Mitchell, Robert B. ; Fuhlendorf, Samuel D. ; Wester, David B. Selective control of rangeland grasshoppers with prescribed fire. *Journal of range management*. Vol. 57, no. 1 (Jan. 2004): p. 29-33.

083. Harmful vegetation

97. Carpinelli, M. F. ; Sheley, R. L. ; Maxwell, B. D. Revegetating weed-infested rangeland with niche- differentiated desirable species. *Journal of range management*. Vol. 57, no. 1 (Jan. 2004): p. 97-105.
98. Fernandez-Gimenez, Maria E. ; Smith, Steven E. Research observation : Nitrogen effects on Arizona cottontop and Lehmann lovegrass seedlings. *Journal of range management*. Vol. 57, no. 1 (Jan. 2004): p. 76-81.
99. Geils, Brian W. Leafy mistletoe. *Encyclopedia of plant pathology*. New York : John Wiley & Sons, 2001: p. 613-616.
100. Heaton, Chandra B. ; Wu, X. Ben ; Ansley, R. James. Herbicide effects on vegetation spatial patterns in a mesquite savanna. *Journal of range management*. Vol. 56, no. 6 (Nov. 2003): p. 627-633.
101. Neary, Daniel G. ; Moir, Will H. ; Overby, Steven T. Role of soil disturbances in determining post-harvest plant biodiversity and invasive weed distributions. *Popular summaries from the fourth International Conference on Forest Vegetation Management , Nancy, France, 17-21 June 2002*. [Champenoux, France : Institut National de la Recherche Agronomique, [2002?]: p. 52-54.

084. Environmental injury

102. Boutet, Jeffry C. Jr. ; Weishampel, John F. Spatial pattern analysis of pre- and post-hurricane forest canopy structure in North Carolina, USA. *Landscape ecology*. Vol. 18, no. 6 (2003): p. 553-559.

103. Bragg, Don C. ; Shelton, Michael G. ; Zeide, Boris. Impacts and management implications of ice storms on forests in the southern United States. *Forest ecology and management*. Vol. 186, no. 1/3 (Dec. 2003): p. 99-123.
104. Liljaniemi, Petri ; Vuori, Kari-Matti ; Tossavainen, Tarmo ; Kotanen, Juho ; Haapanen, Merja ; Lepisto, Ahti ; Kenttämies, Kaarle. Effectiveness of constructed overland flow areas in decreasing diffuse pollution from forest drainages. *Environmental management*. Vol. 32, no. 5 (Nov. 2003): p. 602-613.
105. Smithwick, Erica A. H. ; Harmon, Mark E. ; Domingo, James B. Modeling multiscale effects of light limitations and edge-induced mortality on carbon stores in forest landscapes. *Landscape ecology*. Vol. 18, no. 7 (2003): p. 701-721.

090. Fires

106. Achtemeier, Gary L. ; Goodrick, Scott L. ; Liu, Yongqiang. The Southern High-Resolution Modeling Consortium : a source for research and operational collaboration. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 5 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_65894.htm
107. Achtemeier, Gary L. On the origins of "superfog"- a combination of smoke and water vapor that produces zero visibility over roadways. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 4 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_65921.htm
108. Achtemeier, Gary L. Recent results from PB-Piedmont : a model to simulate smoke on the ground at night. *2nd International Wildland Fire Ecology and Fire Management Congress : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 5 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_65880.htm
109. Adkins, J. Westbrook ; O'Neill, Susan A. ; Rorig, Miriam ; Ferguson, Susan M. ; Berg, Candance M. ; Hoadley, Jeanne L. Assessing accuracy of the BlueSky smoke modeling framework during wildfire events. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 4 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_65891.htm
110. Alexander, Marty E. ; Thomas, Dave A. Wildland fire behavior case studies and analyses : other examples, methods, reporting standards, and some practical advice. *Fire management today*. Vol. 63, no. 4 (Fall 2003): p. 4-12. http://www.fs.fed.us/fire/fmt/fmt_pdfs/fmt63-4.pdf (Host item link)

111. Alvarado, Ernesto ; Sandberg, David V. ; Andrade de Carvalho, Joao Jr. ; Gielow, Ralf ; Santos, Jose Carlos. Landscape fragmentation and fire vulnerability in primary forest adjacent to recent land clearings in the Amazon arc of deforestation. *2nd International Wildland Fire Ecology and Fire Management Congress : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 7 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_67216.htm
112. Amiro, Brian D. ; Logan, Kim A. ; Wotton, B. Michael ; Flannigan, Michael D. ; Todd, J. Bernie ; Stocks, Brian J. ; Martell, David L. The weather of large fires in the Canadian boreal forest. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 4 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65023.htm
113. Anderson, Casey ; Ferguson, Sue ; Rorig, Miriam ; Hiers, Kevin ; McKay, Steve ; Moore, Mark ; Olson, Diana ; Wright, David ; Wright, Clint ; Vihnanek, Robert E. ; Ottmar, Roger. The influence of weather on combustion limits in a longleaf pine forest. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 4 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_66489.htm
114. Argow, Keith A. The Carolina blowup [1966]. *Fire management today.* Vol. 63, no. 4 (Fall 2003): p. 13-14. http://www.fs.fed.us/fire/fmt/fmt_pdfs/fmt63-4.pdf (Host item link)
115. Barna, Michael G. ; Fox, Dougals G. Combining wildfire emissions from the community smoke emissions model (CSEM) with a regional-scale air quality model. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 6 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65971.htm
116. Beighley, Mark ; Bishop, Jim. Fire behavior in high-elevation timber. *Fire management today.* Vol. 63, no. 4 (Fall 2003): p. 56-62. http://www.fs.fed.us/fire/fmt/fmt_pdfs/fmt63-4.pdf (Host item link)
117. Benson, Randall P. ; Murphy, M. Patrick. Wildland fire in the Black Hills. *2nd International Wildland Fire Ecology and Fire Management Congress : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 7 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65402.htm
118. Berg, Candance M. ; O'Neill, Susan M. ; Ferguson, Sue A. ; Adkins, J. Westbrook. Application of the BlueSky smoke modeling framework to the Rex Creek wildfire. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 4 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65990.htm

119. Bradshaw, Larry S. ; Petrescu, Gene ; Grenfell, Isaac. An initial analysis of relationships between 2- and 10-minute averaged winds at 10, 6, and 1.8 meters : implications for fire behavior and danger applications. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 5 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_65901.htm
120. Bright, Alan D. ; Burtz, Randall T. Creating defensible space in the urban-wildland interface : a comparison of perceptions of seasonal and full-time residents. *2nd International Wildland Fire Ecology and Fire Management Congress : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 7 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_65283.htm
121. Brotak, Edward A. The Bass River Fire [1977] : weather conditions associated with a fatal fire. *Fire management today*. Vol. 63, no. 4 (Fall 2003): p. 25-28. http://www.fs.fed.us/fire/fmt/fmt_pdfs/fmt63-4.pdf (Host item link)
122. Brotak, Edward A. ; Reifsnyder, William E. Predicting major wildland fire occurrence. *Fire management today*. Vol. 63, no. 4 (Fall 2003): p. 20-24. http://www.fs.fed.us/fire/fmt/fmt_pdfs/fmt63-4.pdf (Host item link)
123. Brotak, Edward A. Low-level weather conditions preceding major wildfires. *Fire management today*. Vol. 63, no. 4 (Fall 2003): p. 67-71. http://www.fs.fed.us/fire/fmt/fmt_pdfs/fmt63-4.pdf (Host item link)
124. Brown, Timothy J. ; Fujioka, Francis M. ; Fontana, Chris. The California and Nevada Smoke and Air Committee (CANSAC) : an interagency partnership to meet decision-making needs. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 6 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_66154.htm
125. Carlson, J. D. ; Bradshaw, Larry S. ; Nelson, Ralph M. Jr. ; Bensch, Randall R. Independent field verification of a next-generation model for dead fuel moisture. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 6 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_65884.htm
126. Carvalho, J. A. ; Veras, C. A. G. ; Alvarado, E. C. ; Sandberg, David V. ; Carvalho, E. R. ; Gielow, R. ; Santos, J. C. Fire spread around a forest clearing site in the Brazilian Amazon region. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 4 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_67134.htm

127. Chapman Jennifer A. ; Antunez, Kay ; LaHart, David E. ; Owens, John. Burning issues : partners in fire education : implementation in two land management units. *2nd International Wildland Fire Ecology and Fire Management Congress : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 4 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65997.htm
128. Charney, Joseph J. ; Bian, Xindi ; Potter, Brian E. ; Heilman, Warren E. Low level jet impacts on fire evolution in the Mack Lake and other severe wildfires. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 4 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65866.htm
129. Charney, Joseph J. ; Bian, Xindi ; Potter, Brian E. ; Heilman, Warren E. The role of a stratospheric intrusion in the evolution of the Double Trouble State Park wildfire. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 5 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65830.htm
130. Chu, Pao-Shin ; Dolling, Klaus P. ; Fujioka, Francis M. A climatological study of the Keetch/Byram Drought Index in the Hawaiian Islands. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 8 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65974.htm
131. Chubarova, Nataly Ye. ; Prilepsky, Nickolay G. ; Riebau, Allen R. ; Shoettle, Anna W. ; Musselman, Robert ; Uliumdzhieva, Natalia N. ; Yurova, Alla Yu. ; Potter, Brian ; Rublev, Alexei N. ; Zhmylev, Pavel Yu. ; Karpuhina, Elizabeth A. A natural fire experiment in central Russia : meteorology, radiative and optical properties of atmosphere and resulting effects on sub-boreal forest plants. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 5 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65536.htm
132. Colman, Jonah J. ; Linn, Rodman R. Non-local chemistry implementation in HIGRAD/FIRETEC. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 6 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65955.htm
133. Crimmins, Michael A. ; Comrie, Andrew C. Wildfire-climate interactions across southeast Arizona. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 2 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65771.htm

134. Cunningham, Philip ; Goodrick, Scott L. ; Hussaini, M. Yousuff ; Linn, Rodman R. ; Xia, Chunmei. Dynamics of fire plumes in vertical shear. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 4 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_66011.htm
135. Cunningham, Philip ; Linn, Rodman R. ; Reisner, Jon. Numerical simulations of fire behavior in the presence of vertical wind shear. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 4 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65872.htm
136. Davis, Rollo T. ; Ogden, Richard M. Black Wednesday in Arkansas and Oklahoma-1971. *Fire management today*. Vol. 63, no. 4 (Fall 2003): p. 15-16.
http://www.fs.fed.us/fire/fmt/fmt_pdfs/fmt63-4.pdf (Host item link)
137. Delgado, Edward ; Mathewson, Tim ; Horel, John. ROMAN - Realtime Observation Monitoring and Analysis Network. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 4 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_65817.htm
138. Dieterich, John H. Jet stream influence on the Willow Fire [1975]. *Fire management today*. Vol. 63, no. 4 (Fall 2003): p. 17-19. http://www.fs.fed.us/fire/fmt/fmt_pdfs/fmt63-4.pdf (Host item link)
139. Dolling, Klaus P. ; Chu, Pao-Shin ; Fujioka, Francis M. The validity of the Keetch/Byram Drought Index in the Hawaiian Islands. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 5 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65943.htm
140. Ehle, Donna S. ; Baker, William L. Disturbance and stand dynamics in Ponderosa Pine forests in Rocky Mountain National Park, USA. *Ecological monographs*. Vol. 73, no. 4 (Nov. 2003): p. 543-566.
141. Ferguson, Sue A. Real-time mesoscalemodel forecasts for fire and smoke management : 2003. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 6 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_66488.htm

142. Garfin, Gregg M. ; Wordell, Thomas ; Brown, Timothy J. ; Ochoa, Rick ; Morehouse, Barbara J. The 2003 national seasonal assessment workshop : a proactive approach to preseason fire danger assessment. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 7 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_71583.htm
143. Gibson, Chris ; Gorski, Carl. FARSITE weather streams from the NWS IFPS system. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 4 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_66176.htm
144. Gill, Samantha J. Preliminary height to crown base models for giant sequoia groves. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 5 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_66899.htm
145. Goodrick, Scott L. Relationship between atmospheric stability and area burned during the 1998 Florida wildfires. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 5 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_65958.htm
146. Graham, Russel T. *Hayman fire case study : summary.* Ogden, Utah : USDA Forest Service, Rocky Mountain Research Station, 2003: 32 p. (General technical report RMRS ; GTR-115) http://www.fs.fed.us/rm/pubs/rmrs_gtr115.html
147. Graham, Russel T. *Hayman fire case study.* Ogden, Utah : USDA Forest Service, Rocky Mountain Research Station, 2003: 396 p. (General technical report RMRS ; GTR-114) http://www.fs.fed.us/rm/pubs/rmrs_gtr114.html
148. Graham, Russel T. *Hayman fire case study.* Ogden, Utah : USDA Forest Service, Rocky Mountain Research Station, 2003: 1 CD-ROM (General technical reports RMRS ; GTR-114, 115) http://www.fs.fed.us/rm/pubs/rmrs_gtr115.html
149. Haines, Donald A. ; Lyon, L. Jack. Horizontal roll vortices in complex terrain. *Fire management today.* Vol. 63, no. 4 (Fall 2003): p. 54-55. [\(Host item link\)](http://www.fs.fed.us/fire/fmt/fmt_pdfs/fmt63-4.pdf)
150. Haines, Donald A. Horizontal vortices and the New Miner Fire [1976]. *Fire management today.* Vol. 63, no. 4 (Fall 2003): p. 45-47. [\(Host item link\)](http://www.fs.fed.us/fire/fmt/fmt_pdfs/fmt63-4.pdf)

151. Hall, Beth L. ; Brown, Timothy J. ; Bradshaw, Larry S. ; Jolly, William M. ; Nemanic, Ramakrishna. National standardized energy release component forecasts. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 3 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_66258.htm
152. Hall, Beth L. ; Brown, Timothy J. A comparison of precipitation and drought indices related to fire activity and potential in the US. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 6 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_66259.htm
153. Heilman, Warren E. ; Bian, Xindi ; Charney, Joseph J. ; Potter, Brian E. Combining the Haines index and turbulent kinetic energy for fire-weather predictions. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 6 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65182.htm
154. Heilman, Warren E. ; Potter, Brian E. ; Charney, Joseph J. ; Bian, Xindi. National fire plan : Eastern Area Modeling Consortium : research, product development, and partnerships. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 6 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65475.htm
155. Hirsch, Kelvin G. An overview of the 1987 Wallace Lake Fire, Manitoba. *Fire management today.* Vol. 63, no. 4 (Fall 2003): p. 48-49.
http://www.fs.fed.us/fire/fmt/fmt_pdfs/fmt63-4.pdf (Host item link)
156. Hirsch, Kelvin G. Documenting wildfire behavior : the 1988 Brereton Lake Fire, Manitoba. *Fire management today.* Vol. 63, no. 4 (Fall 2003): p. 50-53.
http://www.fs.fed.us/fire/fmt/fmt_pdfs/fmt63-4.pdf (Host item link)
157. Hoadley, Jeanne ; Rorig, Miriam ; Westrick, Ken ; Bradshaw, Larry ; Ferguson, Sue A. ; Goodrick, Scott ; Werth, Paul. Assessing the value of increased model resolution in forecasting fire danger. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 5 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65271.htm
158. Hood, Sharon M. ; Bentz, Barbara ; Ryan, Kevin C. Douglas-fir beetle attack and tree mortality following wildfire. *2nd International Wildland Fire Ecology and Fire Management Congress : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 6 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65110.htm

159. Horel, John ; Splitt, Mike ; Pechmann, Judy ; Olsen, Brian. Further applications of ROMAN to fire weather. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 2 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_65823.htm
160. Hostetler, S. W. ; Bartlein, P. J. ; Holman, J. O. ; Solomon, A. M. ; Shafer, S. L. Using a regional climate model to diagnose climatological and meteorological controls of wildfire in the western United States. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 6 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_66223.htm
161. Huang, Chengguan ; Vogelmann, James ; Tolk, Brian ; Zhu, Zhiliang. Preliminary LANDFIRE vegetation products in the Wasatch Range-Unita Mountain area of Utah. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 3 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_65875.htm
162. Hughes, Joseph. New Jersey, April 1963 : can it happen again? *Fire management today*. Vol. 63, no. 4 (Fall 2003): p. 40-44. http://www.fs.fed.us/fire/fmt/fmt_pdfs/fmt63-4.pdf (Host item link)
163. Jenkins, Mary Ann ; Krueger, Steven K. ; Sun Ruiyu. Using a simple parcel model to investigate the Haines Index. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 11 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_65682.htm
164. Keane, Robert E. ; Rollins, Matthew G. ; Parsons, Russell. Developing the spatial programs and models needed for the implementation of the LANDFIRE project. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 6 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_66069.htm
165. Kolden, Crystal A. ; Brown, Timothy J. The impacts of climate on prescribed fire. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 5 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_65753.htm
166. Larkin, Narasimhan K. ; McKenzie, Donald ; O'Neill, Susan M. A fire scenario builder for coarse-scale modeling of current and future fire effects. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 4 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_66146.htm

167. LeHart, David E. ; Dawson, George O. ; Chapman, Jennife A. ; Owens, John. Burning issues : partners in fire education - "fire literacy for a fire wise world, " : part 1 : developing an interactive CD-ROM and distribution strategy. *2nd International Wildland Fire Ecology and Fire Management Congress : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 4 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65981.htm
168. Lile, Elizabeth ; Inbau, Cliff. Web-based mapping applications in response to wildland fires. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 4 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_66038.htm
169. Lininger, Jay C. Fire history and need for fuel management in mixed Douglas-fir forests of the Klamath-Siskiyou region, northwest California and southwest Oregon, USA. *2nd International Wildland Fire Ecology and Fire Management Congress : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 18 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_67220.htm
170. Liu, Yongqiang. Spatial and temporal variability of wildland fire emissions over the U.S. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 6 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65685.htm
171. Lutes, Duncan C. ; Keane, Robert E. ; Caratti, John F. ; Key, Carl H. ; Benson, Nathan C. ; Sutherland, Steve ; Gangi, Larry J. FIREMON : fire effects monitoring and inventory system. *2nd International Wildland Fire Ecology and Fire Management Congress : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 8 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_65637.htm
172. MacGregor, Donald G. ; Dammann, Carl ; Anderson, John. Evaluating designs for fuel management projects : application of a multi-attribute framework. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 6 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65636.htm
173. MacGregor, Donald G. ; Gonzalez-Caban, Armando. An event-frame model for decomposition and reconstruction of large-fire decision processes. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 6 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65462.htm

174. Miranda, A. I. ; Ferreira, J. ; Valente, J. ; Santos, P. ; Amorim, J. H. ; Borrego, C. Smoke measurements during experimental field fires. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 8 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65844.htm
175. Mohrle, Charlene R. ; Hall, Beth L. ; Brown, Timothy J. The southwest monsoon and the relation to fire occurrence. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 8 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_65795.htm
176. Morehouse, B. ; Brown, T. ; Christopherson, G. ; Crimmins, M. ; Garfin, G. ; Orr, B. ; Overpeck, J. ; Swetnam, T. ; Yool, S. Cross-project synergy in developing decision support tools for wildland fire management. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 3 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_68181.htm
177. Murphy, Michael Pat. Improving prescribed burn planning with NWS digital forecast database tools. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 4 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65393.htm
178. Nikolov, Ned ; Zeller, Karl F. Utilizing a biophysical model of ecosystem-atmosphere exchange to improve fire danger assessment and mesoscale meteorological forecasts. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 6 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65949.htm
179. Ochoa, Richard. Predictive services : a new tool for proactive wildland fire management. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 4 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65776.htm
180. O'Neill, Susan M. ; Ferguson, Susan A. ; Peterson, Janice ; Wilson, Rob. The BlueSky smoke modeling framework. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 4 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_66068.htm

181. Paragai, Thomas F. ; Smart, Douglas D. ; Worum, Gordon T. ; Haggstrom, Dale A. Preliminary evaluation of vegetation change on a large prescribed burn in Alaska. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 6 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_66057.htm
182. Parisien, Marc-Andre ; Kafka, Victor G. ; Todd, J. Bernie ; Hirsch, Kelvin G. ; Lavoie, Suzanne. The peripheral reduction in burn probability around recent burns in the boreal forest. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 3 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65569.htm
183. Perminov, Valeri A. Mathematical modeling of large forest fire initiation. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 5 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_74488.htm
184. Peterson, David L. ; Johnson, Morris C. ; Agee, James K. ; Jain, Theresa B. ; McKenzie, Donald ; Reinhardt, Elizabeth D. Fuels planning : managing forest structure to reduce fire hazard. *2nd International Wildland Fire Ecology and Fire Management Congress : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 10 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_74459.htm
185. Potter, Brian E. ; Goodrick, Scott ; Brown, Tim. Development of a statistical validation methodology for fire weather indices. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 3 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65540.htm
186. Querciagrossa-Sand, Margaret ; Stutler, Joe ; Goldwater, Sam ; Bennett, Gary. Future of all-risk incident meteorology. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 5 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_66208.htm
187. Rehm, Ronald ; Evans, David ; Mell, William ; Hostikka, Simo ; McGrattan, Kevin ; Forney, Glenn ; Bouldin, Charles ; Baker, Elisa. Neighborhood-scale fire spread. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 8 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_66987.htm

188. Reinbold, Hauss J. ; Brown, Timothy J. ; Roads, J. O. ; Hall, Beth L. Verification of ECPC's fire climate and fire danger forecasts. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 14 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_66155.htm
189. Riebau, Allen R. ; Fox, D. G. Fire consortia for advanced modeling of meteorology and smoke : FCAMMS : a national paradigm for wildland fire and smoke management. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 9 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_66065.htm
190. Rife, Daran L. ; Warner, Thomas T. ; Liu, Yubao ; Coen, Janice. New methods for providing high-resolution weather information to wildfire managers. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 4 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65692.htm
191. Rinne, John N. Wildfire in the southwestern USA : effects on fishes. *2nd International Wildland Fire Ecology and Fire Management Congress : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 5 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_66000.htm
192. Roads, John ; Chen, S. ; Fujioka, Francis M. ; Burgan, R. Fire danger forecasts. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 8 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65025.htm
193. Rollins, Matthew G. ; Keane, Robert E. ; Zhu, Zhiliang ; Menakis, James P. ; Hann, Wendel J. ; Shlisky, A. Landfire : a nationally consistent and locally relevant interagency fire, fuels, and risk assessment. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 4 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_65192.htm
194. Rorig, Miriam ; Ferguson, Sue A. ; McKay, Steven. Forecasting dry lightning in the western United States. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 4 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65549.htm
195. Rothermel, Richard C. ; Brown, Hutch. A race that couldn't be won. *Fire management today*. Vol. 63, no. 4 (Fall 2003): p. 75-76. http://www.fs.fed.us/fire/fmt/fmt_pdfs/fmt63-4.pdf (Host item link)

196. Rothermel, Richard C. ; Butler, Bret W. ; Bartlette, Roberta A. ; Bradshaw, Larry S. ; Cohen, Jack D. ; Andrews, Patricia L. ; Putnam, Ted ; Mangan, Richard J. ; Brown, Hutch. The South Canyon Fire revisited : lessons in fire behavior. *Fire management today*. Vol. 63, no. 4 (Fall 2003): p. 77-84. http://www.fs.fed.us/fire/fmt/fmt_pdfs/fmt63-4.pdf (Host item link)
197. Rothermel, Richard C. ; Mutch, Robert W. Behavior of the life-threatening Butte Fire: August 27-29, 1985. *Fire management today*. Vol. 63, no. 4 (Fall 2003): p. 31-39. http://www.fs.fed.us/fire/fmt/fmt_pdfs/fmt63-4.pdf (Host item link)
198. Schoennagel, Tania ; Turner, Monica G. ; Romme, William H. The influence of fire interval and serotiny on postfire lodgepole pine density in Yellowstone National Park. *Ecology*. Vol. 84, no. 11 (Nov. 2003): p. 2967-2978.
199. Schranz, Sher ; Madine, Sean. FX-Net : an expandable fire weather workstation. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 3 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_66066.htm
200. Shannon, Kyle S. ; Butler, Bret W. A review of error associated with thermocouple temperature measurement in fire environments. *2nd International Wildland Fire Ecology and Fire Management Congress : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 3 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_67056.htm
201. Simard, Albert J. The Mack Lake Fire [1980]. *Fire management today*. Vol. 63, no. 4 (Fall 2003): p. 29-30. http://www.fs.fed.us/fire/fmt/fmt_pdfs/fmt63-4.pdf (Host item link)
202. Snyder, Richard L ; Spano, Donatella ; Baldocchi, Dennis ; Duce, Pierpaolo ; Xu, Liukang ; Paw U, Kyaw Tha. Using surface renewal analysis to develop a fire risk index. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 3 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65760.htm
203. Stewart, Susan I. ; Radeloff, Volker C. ; Hammer, Roger B. Characteristics and location of the wildland-urban interface in the United States. *2nd International Wildland Fire Ecology and Fire Management Congress : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 6 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65316.htm
204. Sturtevant, Brian R. ; Cleland, David T. Human influence on fire disturbance in northern Wisconsin. *2nd International Wildland Fire Ecology and Fire Management Congress : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 4 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_65931.htm

205. Sun Ruiyu ; Jenkins, Mary Ann. Effects of near-surface atmospheric stability and moisture on wildfire behavior and consequences for Haines Index. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 6 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65689.htm
206. Taylor, Sarah J. ; Bright, David R. ; Carbin, Greg ; Bothwell, Phillip ; Naden, Richard. Using short range ensemble model data in national fire weather outlooks. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 5 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_66158.htm
207. Teske, Casey. *Changing landscape-scale fire regimes in the Upper Selway River Basin, Idaho*. 2002. Thesis (M.S.)--University of Idaho, 2002: 54 p.
208. Thackaberry, Jennifer Anne. "Discursive opening" and closing in organizational self-study : culture as trap and tool in wildland firefighting safety. *Management communication quarterly*. Vol. 17, no. 3 (Feb. 2004): p. 319-359.
209. Thorpe, Dan. Those really bad fire days : what makes them so dangerous. *Fire management today*. Vol. 63, no. 4 (Fall 2003): p. 72-74.
http://www.fs.fed.us/fire/fmt/fmt_pdfs/fmt63-4.pdf (Host item link)
210. Unal, Alper ; Odman, M. Talat. Adaptive grid modeling for predicting the air quality impacts of biomass burning. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 11 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_65175.htm
211. Underwood, S. Jeffery ; Thomas, Terri A. Post-wildfire flash flooding : an analysis of Colorado wildfires and the North American monsoon from 1995-2002. *5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 4 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65186.htm
212. Weise, David R. ; Fujioka, Francis M. ; Nelson, Ralph M. Jr. A comparison of 3 models of 1-hr [one hour] time lag fuel moisture in Hawaii. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 10 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65639.htm
213. Weise, David R. ; White, Robert H. ; Frommer, Susan ; Beall, Frank C. ; Etlinger, Matt. Seasonal changes in selected combustion characteristics of ornamental vegetation. *2nd International Wildland Fire Ecology and Fire Management Congress : Nov. 16-20, 2003, Orlando, Florida*. Boston, Mass : American Meteorological Society, 2003: 8 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_66134.htm

214. Weise, David R. ; Zhou, Xiangyang ; Sun, Lulu ; Mahalingam, Shankar. Fire spread in chaparral : "go or no-go?" *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 5 p. http://ams.confex.com/ams/FIRE2003/techprogram/paper_65238.htm
215. Werth, Paul ; Ochoa, Richard. The Haines Index and Idaho wildfire growth. *Fire management today.* Vol. 63, no. 4 (Fall 2003): p. 63-66.
http://www.fs.fed.us/fire/fmt/fmt_pdfs/fmt63-4.pdf (Host item link)
216. Wimberly, Michael C. ; Ohmann, Janet L. ; Pierce, Kenneth B. Jr. ; Gregory, Matthew J. ; Fried, Jeremy S. A multivariate approach to mapping forest vegetation and fuels using GIS databases, satellite imagery, and forest inventory plots. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 8 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65758.htm
217. Withen, Patrick. TEFF : the ten essential factors in firefighting. *2nd International Wildland Fire Ecology and Fire Management Congress : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 24 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_67049.htm
218. Wright, Clinton S. ; Trayer, Nicole L. ; Vihnanek, Robert E. Monitoring fuel consumption and mortality from prescribed burning in old-growth ponderosa pine stands in eastern Oregon. *2nd International Wildland Fire Ecology and Fire Management Congress : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 8 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65834.htm
219. Yokelson, Robert J. ; Bertschi, Isaac T. Vibrational spectroscopy in the study of fires. *Handbook of vibrational spectroscopy.* Chichester : John Wiley & Sons, 2002: p. [1]-8.
220. Zeller, Karl ; McGinley, John ; Nikolov, Ned ; Schultz, Paul ; Shaw, Brent ; Albers, Steve ; Snook, John ; Fox, D. G. A consortium for comprehensive mesoscale weather analysis and forecasting to monitor fire threat and support fire management operations. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 5 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65915.htm
221. Zhu, Zhiliang ; Vogelmann, James ; Huang, Chengquan. A repeatable and consistent national vegetation mapping strategy. *Joint session 2nd International Wildland Fire Ecology and Fire Management Congress and 5th Symposium on Fire and Forest Meteorology : Nov. 16-20, 2003, Orlando, Florida.* Boston, Mass : American Meteorological Society, 2003: 3 p.
http://ams.confex.com/ams/FIRE2003/techprogram/paper_65567.htm

101. Soils

222. Backman, Jenny S. K. ; Klemedtsson, Asa Kasimir. Increased nitrification in acid coniferous forest soil due to high nitrogen deposition and liming. *Scandinavian journal of forest research*. Vol. 18, no. 6 (2003): p. 514-524.
223. Calderon, M. J. ; Ortega, M. ; Hermosin, M. C. ; Garcia-Baudin, J. ; Cornejo, J. Hexazinone and simazine dissipation in forestry field nurseries. *Chemosphere*. Vol. 54, no. 1 (Jan. 2004): p. 1-8.
224. Chapman, Samantha K. ; Hart, Stephen C. ; Cobb, Neil S. ; Whitham, Thomas G. ; Koch, George W. Insect herbivory increases litter quality and decomposition : an extension of the acceleration hypothesis. *Ecology*. Vol. 84, no. 10 (Nov. 2003): p. 2867-2876.
225. Gonzalez-Bonorino, G. ; Osterkamp, W. R. Applying RUSLE 2.0 on burned-forest lands : an appraisal. *Journal of soil and water conservation*. Vol. 59, no. 1 (Jan./Feb. 2004): p. 36-42.
226. Hatfield, J. L. ; Prueger, J. H. Impacts of changing precipitation patterns on water quality. *Journal of soil and water conservation*. Vol. 59, no. 1 (Jan./Feb. 2004): p. 51-58.
227. Hope, Graeme D. ; Prescott, Cindy E. ; Blevins, Leandra L. Responses of available soil nitrogen and litter decomposition to openings of different sizes in dry interior Douglas-fir forests in British Columbia. *Forest ecology and management*. Vol. 186, no. 1/3 (Dec. 2003): p. 33-46.
228. Nearing, M. A. ; Pruski, F. F. ; O'Neal, M. R. Expected climate change impacts on soil erosion rates : a review. *Journal of soil and water conservation*. Vol. 59, no. 1 (Jan./Feb. 2004): p. 43-50.
229. Neary, Daniel G. ; Moir, W. H. ; Phillips, Barbara G. Harvesting-related soil disturbance : implications for plant biodiversity and invasive weeds. *Bioenergy from sustainable forestry : principles and practice: Forest Research Bulletin; 223*. IEA Bioenergy Task 18, Proceedings of the workshop, 16-20 October, 2000, Coffs Harbour, New South Wales, Australia Rotorua, New Zealand : New Zealand Forest Research Institute Ltd., c2001: p. [17]-32.
230. Paul, Keryn I. ; Polglase, Philip J. ; Smethurst, Philip J. ; O'Connell, Anthony M. ; Carlyle, Clive J. ; Khanna, Partap K. Soil temperature under forests : a simple model for predicting soil temperature under a range of forest types. *Agricultural and forest meteorology*. Vol. 121, no. 3-4 (Feb. 2004): p. 167-182.
231. Ruess, Roger W. ; Hendrick, Ronald L. ; Burton, Andrew J. ; Pregitzer, Kurt S. ; Sveinbjornsson, Bjartmar ; Allen, Michael F. ; Maurer, Gregory E. Coupling fine root dynamics with ecosystem carbon cycling in Black Spruce forests of interior Alaska. *Ecological monographs*. Vol. 73, no. 4 (Nov. 2003): p. 643-662.

232. Zaimes, G. N. ; Schultz, R. C. ; Isenhart, T. M. Stream bank erosion adjacent to riparian forest buffers, row-crop fields, and continuously-grazed pastures along Bear Creek in central Iowa. *Journal of soil and water conservation*. Vol. 59, no. 1 (Jan./Feb. 2004): p. 19-27.

102. Hydrology

233. *Identifying bankfull stage in forested streams in the eastern United States*. [Fort Collins, Colo.] : USDA Forest Service, Stream Systems Technology Center, 2002: 1 videocassette (46 min.). **[Loan Only]**
234. Amatya, D. M. ; Skaggs, R. W. ; Gilliam, J. W. ; Hughes, J. H. Effects of orifice-weir outlet on hydrology and water quality of a drained forested watershed. *Southern journal of applied forestry*. Vol. 27, no. 2 (May 2003): p. 130-142.
235. Baker, Malchus B., Jr. ; Hutchinson, Barbara ; Pfirman, Eric ; Haseltine, Michael ; Schalau, Jeffrey. Management of arid and semi-arid watersheds : decision-making tools and technology transfer. *Hydrology and water resources in Arizona and the Southwest : proceedings of the 2001 meetings of the Hydrology Section, Arizona-Nevada Academy of Science, April 14, 2001 University of Nevada, Las Vegas*. [S.l.] : Arizona-Nevada Academy of Science, [2001?]: p. [7]-12.
236. Boroughs, Craig B. ; Abt, Steven R. Water losses along a reach of the Pecos River in New Mexico. *Journal of the American Water Resources Association*. Vol. 39, no. 6 (Dec. 2003): p. 1457-1464.
237. Calder, Ian R. ; Reid, Ian ; Nisbet, Thomas R. ; Green, Julian C. Impact of lowland forests in England on water resources : application of the Hydrological Land Use Change (HYLUC) model. *Water resources research*. Vol. 39, no. 11 (Nov. 2003): p. SWC (6-1) - SWC (6-10).
238. Calder, Ian R. Assessing the water use of short vegetation and forests : Development of the Hydrological Land Use Change (HYLUC) model. *Water Resources Research*. Vol. 39, no. 11 (Nov. 2003): SWC (5-1) - (5-8).
239. Cui, Yantao ; Parker, Gary ; Pizzuto, James ; Lisle, Thomas E. ; Gott, Julie ; Hansler-Ball, Maria E. ; Pizzuto, James E. Sediment pulses in mountain rivers : 1. Experiments. *Water resources research*. Vol. 39, no. 9 (Sept. 2003): p. (ESG) 3-1 - (ESG) 3-12.
240. Cui, Yantao ; Parker, Gary ; Pizzuto, James ; Lisle, Thomas E. Sediment pulses in mountain rivers : 2. Comparison between experiments and numerical predictions. *Water resources research*. Vol. 39, no. 9 (Sept. 2003): p. (ESG) 4-1 - (ESG) 4-11.
241. Fernandez, C. ; Wu, J. Q. ; McCool, D. K. ; Stockle, C. O. Estimating water erosion and sediment yield with GIS, RUSLE, and SEDD. *Journal of soil and water conservation*. Vol. 58, no. 3 (May/June 2003): p. 128-136.

242. Ffolloliott, Peter F. ; Baker, Makchus B. Jr. Labor Day storm of 1970 revisited 30 years later. *Hydrology and water resources in Arizona and the Southwest : proceedings of the 2002 meetings of the Hydrology Section, Arizona-Nevada Academy of Science, April 14, 2001 University of Nevada, Las Vegas*. [S.l.] : Arizona-Nevada Academy of Science, [2001?]: p. [71]-75.
243. Ffolloliott, Peter F. Updating hydrologic time-trend response functions of fire impacts. *Hydrology and water resources in Arizona and the Southwest : proceedings of the 2002 meetings of the Hydrology Section, Arizona-Nevada Academy of Science, April 14, 2001 University of Nevada, Las Vegas*. [S.l.] : Arizona-Nevada Academy of Science, [2001?]: p. [21]-24.
244. Greve, Adrienne I. ; Loftis, Jim C. ; Brown, Julianne B. ; Buirgy, Rob R. ; Alexander, Ben. Design and implementation of a cooperative water quality monitoring program in Colorado's Big Thompson Watershed. *Journal of the American Water Resources Association*. Vol. 39, no. 6 (Dec. 2003): p. 1409-1418.
245. Grote, K. ; Hubbard, S. ; Rubin, Y. Field-scale estimation of volumetric water content using ground-penetrating radar ground wave techniques. *Water resources research*. Vol. 39, no. 11 (Nov. 2003): p. SBH (5-1) - SBH (5-13).
246. Long, Jonathan W. ; Tecle, Aregai ; Burnette, Benrita M. Marsh development at restoration sites on the White Mountain Apache Reservation, Arizona. *Journal of the American Water Resources Association*. Vol. 39, no. 6 (Dec. 2003): p. 1345-1359.
247. McGlynn, Brian L. ; McDonnell, Jeffrey J. Quantifying the relative contributions of riparian and hillslope zones to catchment runoff. *Water resources research*. Vol. 39, no. 11 (Nov. 2003): p. SWC (2-1) - SWC (2-20).
248. McMahon, Gerard ; Bales, Jerad D. ; Coles, James F. ; Giddings, Elise M. P. ; Zappia, Humbert. Use of stage data to characterize hydrologic conditions in an urbanizing environment. *Journal of the American Water Resources Association*. Vol. 39, no. 6 (Dec. 2003): p. 1529-1546.
249. Neary, Daniel G. ; Rinne, John N. Base flow trends in the upper Verde River revisited. *Hydrology and water resources in Arizona and the Southwest : proceedings of the 2001 meetings of the Hydrology Section, Arizona-Nevada Academy of Science, April 14, 2001 University of Nevada, Las Vegas*. [S.l.] : Arizona-Nevada Academy of Science, [2001?]: p. [37]-43.
250. Pan, Feifei ; Peters-Lidard, Christa D. ; Sale, Michael J. An analytical method for predicting surface soil moisture from rainfall observations. *Water resources research*. Vol. 39, no. 11 (Nov. 2003): p. (SWC) 3-1 - (SWC) 3-15.

251. Rinne, John N. Nonnative, predatory fish removal and native fish response, upper Verde River, Arizona : preliminary results. *Hydrology and water resources in Arizona and the Southwest : proceedings of the 2001 meetings of the Hydrology Section, Arizona-Nevada Academy of Science, April 14, 2001 University of Nevada, Las Vegas*. [S.l.] : Arizona-Nevada Academy of Science, [2001?]: p. [29]-35.
252. Statzner, Bernhard ; Sagnes, Pierre ; Champagne, Jean-Yves ; Viboud, Sylvie. Contribution of benthic fish to the patch dynamics of gravel and sand transport in streams. *Water resources research*. Vol. 39, no. 11 (Nov. 2003): p. ESG (1-1)-(1-17).
- 253 Wong, Carmen ; Dorner, Brigitte ; Sandmann, Holger. *Estimating historical variability of natural disturbances in British Columbia*. Victoria, B.C. : British Columbia, Ministry of Forests Forest Science Program, Ministry of Sustainable Resource Management, Resource Planning Branch c2003: 190 p. (Land management handbook ; 53) <http://www.for.gov.bc.ca/hfd/pubs/Docs/Lmh/Lmh53.htm> **[Loan Only]**
254. Zelt, Ronald B. ; Wohl, Ellen E. Channel and woody debris characteristics in adjacent burned and unburned watersheds a decade after wildfire, Park County, Wyoming. *Geomorphology*. Vol. 57, nos. 3-4 (Feb. 2004): p. 217-233.
255. Zhao, Chengyi ; Wang, Yuchao ; Hu, Shunjun ; Li, Yan. Effects of spatial variability on estimation of evapotranspiration in the continental river basin. *Journal of arid environments*. Vol. 56, no. 2 (Jan. 2004): p. 373-384.

103. Geology/Mining/Mineral resources

256. Solar, Slavko V. ; Shields, Deborah J. Sustainable mineral resource management in karst areas : report on NATO Advanced Research Workshop, 26th September-1st October, 2000, Portoroz, Slovenia. *Geologija*. Vol. 44, no. 2 (2001): p. [363]-368.

104. Climatology/Meteorology/Physics

257. Cescatti, A. ; Marcolla, B. Drag coefficient and turbulence intensity in conifer canopies. *Agricultural and forest meteorology*. Vol. 121, no. 3-4 (Feb. 2004): p. 197-206.
258. Heisler, Gordon M. ; Grant, Richard H. ; Gao, Wei. Individual- and scattered-tree influences on ultraviolet irradiance. *Agricultural and forest meteorology*. Vol. 120, no. 1-4 (Dec. 2003): p. 113-126.
259. Hui, Dafeng ; Wan, Shiqiang ; Su, Bo ; Katul, Gabriel ; Monson, Russell ; Luo, Yiqi. Gap-filling missing data in eddy covariance measurements using multiple imputation (MI) for annual estimations. *Agricultural and forest meteorology*. Vol. 121, no. 1-2 (Jan. 2004): p. 93-111.
260. Koop, Gary ; Tole, Lise. Measuring the health effects of air pollution : to what extent can we really say that people are dying from bad air? *Journal of environmental economics and management*. Vol. 47, no. 1 (Jan. 2004): p. 30-54.

261. Kovalev, Vladimir A. ; Pahlow, Markus ; Parlange, Marc B. Elimination of asymmetry in the two-angle lidar-equation solution for aerosol extinction profiles. *Lidar remote sensing in atmospheric and earth sciences*. Quebec, Canada : available from Library Services, DRDC-Valcartier, 2002: p. 621-624.
262. Kovalev, Vladimir A. ; Susott, Ronald A. ; Eichinger, William E. ; Hao, Wei Min. Application of a stable near-end solution to determine the extinction coefficient of smoke aerosols from biomass fires. *Lidar remote sensing in atmospheric and earth sciences*. Quebec, Canada : available from Library Services, DRDC-Valcartier, 2002: p. [247]-250.
263. Lyons, T. J. ; Halldin, S. Surface heterogeneity and the spatial variation of fluxes. *Agricultural and forest meteorology*. Vol. 121, no. 3-4 (Feb. 2004): p. 153-165.
264. Saleeby, Stephen M. ; Cotton, William R. A large-droplet mode and prognostic number concentrating of cloud droplets in the Colorado State University Regional Atmospheric Modeling System (RAMS). Part I : Module descriptions and supercell test simulations. *Journal of applied meteorology*. Vol. 43, no. 1 (Jan. 2004): p. 182-195.

112. Terrestrial animals

265. Fair, Jeanne M. ; Myers, Orrin B. ; Ricklefs, Robert E. Immune and growth response of Western Bluebirds and Ash-throated Flycatchers to soil contaminants. *Ecological applications*. Vol. 13, no. 6 (Dec. 2003): p. 1817-1829.
266. La Sorte, Francesco A. *Habitat association of sympatric red-tailed hawks and northern goshawks on the Kaibab Plateau, Arizona*. 2001. Thesis (Ph.D.)--University of Arizona, 2001: 62 p.
267. Unangst, Edward T. Jr. ; Wunder, Bruce A. Effect of supplemental high-fat forage on body composition in wild meadow voles (*Microtus pennsylvanicus*). *American midland naturalist*. Vol. 151, no. 1 (Jan. 2004): p. 146-153.

113. Aquatic animals

268. Eby, Lisa A. ; Fagan, William F. ; Minckley, Wendell L. Variability and dynamics of a desert stream community. *Ecological applications*. Vol. 13, no. 6 (Dec. 2003): p. 1566-1579.
269. Knapp, Roland A. ; Matthews, Kathleen R. ; Preisler, Haiganoush K. ; Jellison, Robert. Developing probabilistic models to predict amphibian site occupancy in a patchy landscape. *Ecological applications*. Vol. 13, no. 4 (Aug. 2003): p. 1069-1082.
270. Marsh, Paul C. ; Bagley, Brian E. ; Knowles, Glen W. ; Schiffmiller, Gary ; Sowka, Patricia A. New and rediscovered populations of loach minnow, *Tiaroga cobitis* (Cyprinidae), in Arizona. *Southwestern naturalist*. Vol. 48, no. 4 (Dec. 2003): p. 666-669.

271. Rieman, Bruce E. Conservation of native fishes : practical approaches, pipe dreams, and periodic renewal. *Practical approaches for conserving native inland fishes of the West : a symposium, 2001 June 6-8*. Missoula, Mont. : American Fisheries Society, Montana Chapter, [2001?]: p. 1.
272. Schaefer, J. F. ; Kerfoot, J. R. Fish assemblage dynamics in an adventitious stream : a landscape perspective. *American midland naturalist*. Vol. 151, no. 1 (Jan. 2004): p. 134-145.

115. Animal ecology

273. Bangert, R. K. ; Slobodchikoff, C. N. Prairie dog engineering indirectly affects beetle movement behavior. *Journal of arid environments*. Vol. 56, no. 1 (Jan. 2004): p. 83-94.
274. Best, Troy L. ; Geluso, Kenneth N. Summer foraging range of Mexican free-tailed bats (*Tadarida brasiliensis mexicana*) from Carlsbad Cavern, New Mexico. *Southwestern naturalist*. Vol. 48, no. 4 (Dec. 2003): p. 590-596.
275. Cavenderm, Wade P. ; Johnson, Keith A. ; Cain, Kenneth D. Distribution of *Myxobolus cerebralis* within a free-flowing river system during the migration period for juvenile anadromous salmonids in Idaho. *Journal of aquatic animal health*. Vol. 15, no. 2 (June 2003): p. 158-166.
276. Chan-McLeod, Ann C. Allaye. Factors affecting the permeability of clearcuts to red-legged frogs. *Journal of wildlife management*. Vol. 67, no. 4 (Oct. 2003): p. 663-671.
277. Crawford, John A. ; Olson, Rich A. ; West, Neil E. ; Mosley, Jeffrey C. ; Schroeder, Michael A. ; Whitson, Tom D. ; Miller, Richard F. Ecology and management of sage-grouse and sage-grouse habitat : synthesis paper. *Journal of range management*. Vol. 57, no. 1 (Jan. 2004): p. 2-19.
278. Dunham, Jason ; Thurow, Russ ; Chandler, Gwynne ; Guzevich, John ; Peterson, James ; Banish, Nolan. Practical approaches to classifying landscapes for conservation: models of sampling efficiency, detectability, and suitable habitat for bull trout in Washington state. *Practical approaches for conserving native inland fishes of the west, a symposium*. [Montana? : Montana Chapter of American Fisheries Society?, 2001?]: p. 68-69.
279. Gutzwiller, Kevin J. ; Barrow, Wylie C. Jr. Bird communities, roads and development: prospects and constraints of applying empirical models. *Biological conservation*. Vol. 113, no. 2 (Oct. 2003): p. 239-243.
280. Gutzwiller, Kevin J. ; Barrow, Wylie C. Jr. Influences of roads and development on bird communities in protected Chihuahuan Desert landscapes. *Biological conservation*. Vol. 113, no. 2 (Oct. 2003): p. 225-237.

281. Harrison, Robert L. ; Clarke, Patrick-Gabriel S. ; Clarke, Christine M. Indexing swift fox populations in New Mexico using scats. *American midland naturalist*. Vol. 151, no. 1 (Jan. 2004): p. 42-49.
282. Hoving, Christopher ; Joseph, Ronald A. ; Krohn, William B. Recent and historical distributions of Canada lynx in Maine and the Northeast. *Northeastern naturalist*. Vol. 10, no. 4 (Dec. 2003): p. 363-382.
283. Ikenson, Ben. Pronghorn race extinction across the Sonoran Desert. *Wild earth*. Vol. 13, no. 4 (Winter 2003/2004): p. 61-65.
284. Kauffman, Matthew J. ; Frick, Winifred F. ; Linthicum, Janet. Estimation of habitat-specific demography and population growth for Peregrine Falcons in California. *Ecological applications*. Vol. 13, no. 6 (Dec. 2003): p. 1802-1816.
285. Larson, Michael A. ; Dijak, William D. ; Thompson, Frank R. III ; Millspaugh, Joshua J. *Landscape-level habitat suitability models for twelve wildlife species in southern Missouri*. St. Paul, Minn. : USDA Forest Service, North Central Research Station, 2003: 51 p. (General technical report NC ; 233) http://ncrs.fs.fed.us/pubs/gtr/gtr_nc233.pdf
286. Lehmann, Stacey L. ; Walker, Hira A. ; Finch, Deborah M. *Southwestern willow flycatcher surveys at four sites on the Pueblo of Cochiti, New Mexico*. [Albuquerque, NM : USDA Forest Service, Rocky Mountain Research Station, 2001]: [27] p.
287. Lehmann, Stacey L. ; Walker, Hira A. *Yellow-billed cuckoo surveys on the Pueblo of Cochiti, New Mexico*. [Albuquerque, NM : USDA Forest Service, Rocky Mountain Research Station, 2001]: 29 p.
288. May, Christopher A. ; Gutierrez, R. J. Habitat associations of Mexican spotted owl nest and roost sites in central Arizona. *Wilson bulletin*. Vol. 114, no. 4 (Dec. 2002): p. 457-466.
289. Meaney, Carron A. ; Ruggles, Anne K. ; Lubow, Bruce C. ; Clippinger, Norman W. Abundance, survival, and hibernation of Preble's meadow jumping mice (*Zapus hudsonius preblei*) in Boulder County, Colorado. *Southwestern naturalist*. Vol. 48, no. 4 (Dec. 2003): p. 610-623.
290. Mikesic, David G. Recent status and distribution of red foxes (*Vulpes vulpes*) in northeastern Arizona and southeastern Utah. *Southwestern naturalist*. Vol. 48, no. 4 (Dec. 2003): p. 624-634.
291. Mitchell, Michael S. ; Powell, Roger A. Response of black bears to forest management in the southern Appalachian Mountains. *Journal of wildlife management*. Vol. 67, no. 4 (Oct. 2003): p. 692-705.

292. Paxton, Eben H. ; Cardinal, Suzanne N. ; Koronkiewicz, Thomas J. Using radiotelemetry to determine home range size, habitat use, and movement patterns of willow flycatchers. *Studies in avian biology*. No. 26 (2003): p. 185-189.
293. Pearson, Dean E. ; Ortega, Yvette K. ; Ruggiero, Leonard F. Trap-induced mass declines in small mammals : mass as a population index. *Journal of wildlife management*. Vol. 67, no. 4 (Oct. 2003): p. 684-691.
294. Railsback, Steven F. ; Stauffer, Howard B. ; Harvey, Bret C. What can habitat preference models tell us? Tests using a virtual trout population. *Ecological applications*. Vol. 13, no. 6 (Dec. 2003): p. 1580-1594.
295. Singer, Michael S. ; Bernays, Elizabeth A. Understanding omnivory needs a behavioral perspective. *Ecology*. Vol. 84, no. 10 (Oct. 2003): p. 2532-2537.
296. Walker, Hira A. *Southwestern willow flycatcher surveys along the Jemez Canyon Reservoir delta, Pueblo of Santa Ana : final report*. [Albuquerque, NM : USDA Forest Service, Rocky Mountain Research Station, 2001?]: 25 p.

120. Range management

297. Ansley, R. J. ; Pinchak, W. E. ; Teague, W. R. ; Kramp, B. A. ; Jones, D. L. ; Jacoby, P. W. Long-term grass yields following chemical control of honey mesquite. *Journal of range management*. Vol. 57, no. 1 (Jan. 2004): p. 49-57.
298. Batchily, A. Karim ; Post, Donald F. ; Bryant, R. B. ; Breckenfeld, Donald J. Spectral reflectance and soil morphology characteristics of Santa Rita Experimental Range soils. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 175-182. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)
299. Biedenbender, Sharon H. ; McClaran, Mitchel P. ; Roundy, Bruce A. Effects of neighbor species and distance on 2- and 4-year survival of Lehmann lovegrass and native grasses. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 149-153. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)
300. Breckenfeld, Donald J. ; Robinett, Daniel. Soil and ecological sites of the Santa Rita Experimental Donald J. Breckenfeld, Daniel Robinett. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 157-165. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)

301. Chambers, Jeanne C. ; Linnerooth, Amy R. Restoring riparian meadows currently dominated by Artemisia using alternative state concepts : the establishment component. *Applied vegetation science*. Vol. 4 (2001): p. 157-166.
302. Crimmins, Michael A. ; Mau-Crimmins, Theresa M. Climate variability and plant response at the Santa Rita Experimental Range. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 111-115. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)
303. English, Nathan B. ; Williams, David G. ; Weltzin, Jake F. Soil temperature and moisture dynamics after experimental irrigation on two contrasting soils on the Santa Rita Experimental Range : implications for mesquite establishment. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 188-192. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)
304. Ffolliott, Peter F. ; Dawson, Jeffrey O. ; Fisher, James T. ; Moshe, Itshack ; Fulbright, Timothy E. ; Johnson, W. Carter ; Verburg, Paul. International Arid Lands Consortium : a synopsis of accomplishments. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 154-156. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)
305. Ffolliott, Peter F. ; Gottfried, Gerald J. ; Kruse, William H. Vegetation management practices : past and present. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 48-58. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)
306. Fravolini, Alessandra ; Hultine, Kevin R. ; Koepke, Dan F. ; Williams, David G. Role of soil texture on mesquite water relations and response to summer precipitation. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 125-129. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)
307. Geiger, Erika ; Mau-Crimmins, Theresa ; Schussman, Heather. Spread of a nonnative grass across southern Arizona : multiple data sources to monitor change. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 116-120. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)

308. Gottfried, Gerald J. ; Ffolliott, Peter F. ; Garcia, Pablo ; Valdez-Zamudio, Diego ; Al-Khoury, Akram. Assessment of fire-damaged mesquite trees 8 years following an illegal burn. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 166-168. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)
309. Hickman, Karen R. ; Hartnett, David C. ; Cochran, Robert C. ; Owensby, Clenton E. Grazing management effects on plant species diversity in tallgrass prairie. *Journal of range management*. Vol. 57, no. 1 (Jan. 2004): p. 58-65.
310. Howery, Larry D. ; Munda, Bruce D. ; Robinett, Dan G. ; Buck, Harry H. Sweet resin bush on the Santa Rita Experimental Range : an eradication effort. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 169-174. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)
311. Janssen, Marco A. ; Andries, John M. ; Walker, Brian H. Robust strategies for managing rangelands with multiple stable attractors. *Journal of environmental economics and management*. Vol. 47, no. 1 (Jan. 2004): p. 140-162.
312. Kaurivi, Jorry Z. U. ; Huete, Alfredo R. ; Didan, Kamel. Multitemporal MODIS-EVI relationships with precipitation and temperature at the Santa Rita Experimental Range. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 121-124. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)
313. Kitchen, Stanley G. Lewis flax--native or exotic--cultivar or weed : implications for germplasm development. *Certified seed gleanings*. Vol. 21, no. 1 (Jan. 2002): p. 5-6.
314. Krausman, Paul R. ; Morrison, Michael L. Wildlife ecology and management, Santa Rita Experimental Range (1903 to 2002). *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 59-67. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)
315. Lane, Leonard J. ; Kidwell, Mary R. Hydrology and soil erosion. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 92-100. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)

316. Madsen, John H. Cultural resources of the Santa Rita Experimental Range. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 68-79. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)
317. McClaran, Mitchel P. ; Ffolliott, Peter F. ; Edminster, Carleton B. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings : October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003: 197 p. (Proceedings RMRS ; P-30) http://www.fs.fed.us/rm/pubs/rmrs_p030.html
318. McClaran, Mitchel P. A century of vegetation change on the Santa Rita Experimental Range. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 16-33. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)
319. Medina, Alvin L. Gambel and scaled quail diets on the Santa Rita Experimental Range. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 133-140. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)
320. Medina, Alvin L. Historical and recent flora of the Santa Rita Experimental Range. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 141-148. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)
321. Munda, Bruce D. ; Pater, Mark J. Revegetation practices on the Santa Rita Experimental Range. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 80-91. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)
322. Ogden, Phil R. ; Smith, E. Lamar. Cow weights and calf production for pasture 12-C Lehmann lovegrass grazing trials, 1982 to 1993. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 183-187. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)

323. Pease, Stacy ; Ffolliott, Peter F. ; DeBano, Leonard F. ; Gottfried, Gerald J. Mesquite removal and mulching treatment impacts on herbage production and selected soil chemical properties. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 130-132. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)
324. Pylypec, B. ; Romo, J. T. Long-term effects of burning Festuca and Stipa-Agropyron grasslands. *Journal of range management*. Vol. 56, no. 6 (Nov. 2003): p. 640-645.
325. Rogers, James O. ; Fulbright, Timothy E. ; Ruthven, Donald C. III. Vegetation and deer response to mechanical shrub clearing and burning. *Journal of range management*. Vol. 57, no. 1 (Jan. 2004): p. 41-48.
326. Ruthven, Donald C. III ; Krakauer, Keith L. Vegetation response of a mesquite-mixed brush community to aeration. *Journal of range management*. Vol. 57, no. 1 (Jan. 2004): p. 34-40.
327. Ruyle, George B. Rangeland livestock production : developing the concept of sustainability on the Santa Rita Experimental Range. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 34-47. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)
328. Sayre, Nathan F. Recognizing history in range ecology : 100 years of science and management on the Santa Rita Experimental Range. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 1-15. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)
329. Scarneccchia, David L. Viewpoint : Entropy, concept design, and animal-unit equivalence in range management science. *Journal of range management*. Vol. 57, no. 1 (Jan. 2004): p. 113-116.
330. Sheridan, Thomas E. Archive and laboratory embedded in the landscape : future of the Santa Rita Experimental Range. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 101-110. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)

331. Wissler, Craig ; Angell, Deborah. New data sources and derived products for the SRER digital spatial database. *Santa Rita Experimental Range : 100 Years (1903 to 2003) of Accomplishments and Contributions : conference proceedings, October 30-November 1, 2003*. Ogden, UT : USDA Forest Service, Rocky Mountain Research Station, 2003. Proceedings RMRS ; P-30: p. 193-197. http://www.fs.fed.us/rm/pubs/rmrs_p030.html (Host item link)

130. Land use

332. Brown, Daniel G. Land use and forest cover on private parcels in the Upper Midwest USA, 1970 to 1990. *Landscape ecology*. Vol. 18, no. 8 (2003): p. 777-790.
333. Fischman, Robert. The crazy-quilt refuge system. *Wild Earth* Vol. 13, no. 4 (Winter 2003/2004): p. 36-42.
334. Frentz, Irene C. ; Farmer, Frank L. ; Guldin, James M. ; Smith, Kimberly G. Public lands and population growth. *Society and natural resources*. Vol. 17, no. 1 (Jan. 2004): p. 57-68.
335. Griffith, Jerry A. ; Stehman, Stephen V. ; Loveland, Thomas R. Landscape trends in Mid-Atlantic and Southeastern United States ecoregions. *Environmental management*. Vol. 32, no. 5 (Nov. 2003): p. 572-588.
336. Hornyak, Melissa M. ; Halvorsen, Kathleen E. Wetland mitigation compliance in the western Upper Peninsula of Michigan. *Environmental management*. Vol. 32, no. 5 (Nov. 2003): p. 535-540.

131. Land and forest management

337. Armstrong, Glen W. ; Adamowicz, Wiktor L. ; Beck, James A. Jr. ; Cumming, Steven G. ; Schmiegelow, Fiona K. A. Coarse filter ecosystem management in a nonequilibrating forest. *Forest science*. Vol. 49, no. 2 (Apr. 2003): p. 209-223.
338. Coglianese, Cary ; Allen, Laurie K. Does consensus make common sense? : an analysis of EPA's common sense initiative. *Environment*. Vol. 46, no. 1 (Jan./Feb. 2004): p. 10-25.
339. Miller, Anita P. Rural development considerations for growth management. *Natural resources journal*. Vol. 43, no. 3 (Summer 2003): p. 781-801.
340. Nicholas, James C. ; Juergensmeyer, Julian Conrad. Market based approaches to environmental preservation : to environmental mitigation fees and beyond. *Natural resources journal*. Vol. 43, no. 3 (Summer 2003): p. 837-863.
341. Plummer, Ryan ; FitzGibbon, John. Some observations on the terminology in co-operative environmental management. *Journal of environmental management*. Vol. 70, no. 1 (Jan. 2004): p. 63-72.

342. Taylor, Cameron L. ; Adamowicz, Wiktor L. ; Luckert, Martin K. Preferences over the timing of forest resource use. *Journal of forest economics*. Vol. 9, no. 3 (2003): p. 223-240.

132. Urban forestry

343. Gorman, James. Residents' opinions on the value of street trees depending on tree location. *Journal of arboriculture*. Vol. 30, no. 1 (Jan. 2004): p. 36-44.
344. Kuhns, Michael R. ; Bragg, Hope A. ; Blahna, Dale J. Attitudes and experiences of women and minorities in the urban forestry/arboriculture profession. *Journal of arboriculture*. Vol. 30, no. 1 (Jan. 2004): p. 11-18.
345. Lohr, Virginia I. ; Pearson-Mims, Caroline H. ; Tarnai, John ; Dillman, Don A. How urban residents rate and rank the benefits and problems associated with trees in cities. *Journal of arboriculture*. Vol. 30, no. 1 (Jan. 2004): p. 28-35.
346. Thompson, J. R. ; Nowak, D. J. ; Crane, D. E. ; Hunkins, J. A. Iowa, U.S., communities benefit from a tree-planting program : characteristics of recently planted trees. *Journal of arboriculture*. Vol. 30, no. 1 (Jan. 2004): p. 1-10.
347. Xiao, Qingfu ; McPherson, E. Gregory. Rainfall interception by Santa Monica's municipal urban forest. *Urban ecosystems*. Vol. 6, no. 4 (Dec. 2002): p. 291-302.

133. Agroforestry

348. Awada, T. ; Perry, M. E. L. ; Schacht, W. H. Photosynthetic and growth responses of the C3 Bromus inermis and the C4 Andropogon gerardii to tree canopy cover. *Canadian journal of plant science*. Vol. 83, no. 3 (July 2003): p. 533-540.

134. Rural development

349. Lucero, Lora ; Tarlock, A. Dan. Water supply and urban growth in New Mexico : same old, same old or a new era? *Natural resources journal*. Vol. 43, no. 3 (Summer 2003): p. 803-835.

140. Outdoor recreation

350. Brunson, Mark W. ; Gilbert, Lael. Recreationist responses to livestock grazing in a new national monument. *Journal of range management*. Vol. 56, no. 6 (Nov. 2003): p. 570-576.

150. Social science and education

351. Chester, Charles C. Responding to the idea of transboundary conservation : an overview of publics reaction to the Yellowstone to Yukon (Y2Y) conservation initiative. *Journal of sustainable forestry*. Vol. 17, no. 1/2 (2003): p. 103-125.

352. Heimlich, Joe E. Environmental educators on the Web : results of a national study of users and nonusers. *Journal of environmental education*. Vol. 34, no. 3 (Spring 2003): p. 4-11.
353. Jickling, Bob. Environmental education and environmental advocacy : revisited. *Journal of environmental education*. Vol. 34, no. 2 (Winter 2003): p. 20-27.
354. Kim, Kyung-Ok. An inventory for assessing environmental education curricula. *Journal of environmental education*. Vol. 34, no. 2 (Winter 2003): p. 12-18.
355. Reed, Patrick C. ; Brown, Gregory. Public land management and quality of life in neighboring communities : the Chugach National Forest planning experience. *Forest science*. Vol. 49, no. 4 (Aug. 2003): p. 479-498.
356. Schuett, Michael A. ; Ostergren, David. Environmental concern and involvement of individuals in selected voluntary associations. *Journal of environmental education*. Vol. 34, no. 4 (Summer 2003): p. 30-38.
357. Volk, Trudi L. ; Cheak, Marie J. The effects of an environmental education program on students, parents, and community. *Journal of environmental education*. Vol. 34, no. 4 (Summer 2003): p. 12-25.
358. Xu, Weihuan ; Lippke, Bruce R. ; Perez-Garcia, John. Valuing biodiversity, aesthetics, and job losses associated with ecosystem management using stated preferences. *Forest science*. Vol. 49, no. 2 (Apr. 2003): p. 247-257.

160. Ecology--General

359. Asaro, Christopher ; Loeb, Susan C. ; Hanula, James L. Cone consumption by southeastern fox squirrels : a potential basis for clonal preferences in a loblolly and slash pine seed orchard. *Forest ecology and management*. Vol. 186, no. 1/3 (Dec. 2003): p. 185-195.
360. Faccio, Steven D. Effects of ice storm-created gaps on forest breeding bird communities in central Vermont. *Forest ecology and management*. Vol. 186, no. 1/3 (Dec. 2003): p. 133-145.
361. Rood, Stewart B. ; Kalischuk, Andrea R. ; Polzin, Mary Louise ; Braatne, Jeffrey H. Branch propagation, not cladoprosis, permits dispersive, clonal reproduction of riparian cottonwoods. *Forest ecology and management*. Vol. 186, no. 1/3 (Dec. 2003): p. 227-242.
362. Steineger, Melissa. Aquatic invaders. *PSU magazine*. Vol. 18, no. 2 (Winter 2004): p. 9-11.

170. Wildlife management

363. Langston, Nancy. Buying the Blitzen River : the beginnings of Malheur National Wildlife Refuge in southeastern Oregon. *Wild earth*. Vol. 13, no. 4 (Winter 2003/2004): p. 28-35.

210. Forest products--General

364. Piva, Ronald J. ; Piva, Ronald J. ; Treiman, Thomas B. *Missouri timber industry : an assessment of timber product output and use, 2000*. St. Paul, Minn. : USDA Forest Service, North Central Research Station, 2003: 75 p. (Resource bulletin NC ; 223) http://ncrs.fs.fed.us/pubs/rb/rb_nc223.pdf
365. Piva, Ronald J. *Pulpwood production in the north-central region, 2001*. St. Paul, Minn. : USDA Forest Service, North Central Research Station, 2003: 56 p. (Resource bulletin NC ; 227) http://ncrs.fs.fed.us/pubs/rb/rb_nc227.pdf
366. Jensen, Kim ; Jakus, Paul M. ; English, Burton ; Menard, Jamey. Market participation and willingness to pay for environmentally certified products. *Forest science*. Vol. 49, no. 4 (Aug. 2003): p. 632-641.