

Appendix I – Select Research Papers & Supporting Documents – CE #3

RESEARCH PAPER	AUTHORS	PUBLICATION
Legacy Roads and Trails Monitoring Project; Decommissioning in Skokomish River watershed, Olympic National Forest	Tom Black, Charlie Luce, Brian Staab and Richard Cissel	Internal USFS Monitoring Report, USDA-Forest Service, Rocky Mountain Research Station (2009)
Legacy Roads and Trails Monitoring Project; Road Storage Treatment in the Suiattle River Watershed, Mount Baker-Snoqualmie National Forest	Tom Black, Charlie Luce, Brian Staab and Richard Cissel	Internal USFS Monitoring Report, USDA-Forest Service, Rocky Mountain Research Station (2011)
Legacy Roads and Trails Monitoring Project; Storm Damage Risk Reduction Treatment in the Nestucca River Watershed, Siuslaw National Forest	Tom Black, Charlie Luce, Brian Staab and Richard Cissel	Internal USFS Monitoring Report, USDA-Forest Service, Rocky Mountain Research Station (2011)
Monitoring Road Decommissioning in the Mann Creek Watershed, Payette National Forest	Nathan Nelson, Tom Black, and Richard Cissel	Internal USFS Monitoring Report, USDA-Forest Service, Rocky Mountain Research Station (2009)
Erosion and Sediment Delivery Following Removal of Forest Roads	Mary Ann Madej	Special Issue: Hydrologic and Geomorphic Effects of Forest Roads, February 2010, Volume 26, Issue 2
Monitoring Road Decommissioning in the Mann Creek Watershed: Post-storm Report, Payette National Forest	Nathan Nelson, Tom Black, and Richard Cissel	Internal USFS Monitoring Report, USDA-Forest Service, Rocky Mountain Research Station (2011)
Legacy Roads and Trails Monitoring Project; Road Decommissioning in Mill Creek Watershed, Gallatin National Forest	Richard Cissel, Tom Black, and Charlie Luce	Internal USFS Monitoring Report, USDA-Forest Service, Rocky Mountain Research Station (March 2011 Draft)
Erosion and Channel Adjustments Following Forest Road Decommissioning, Six Rivers National Forest	Carolyn Cook and Adam Dresser	
Effects of forest road amelioration techniques on soil bulk density, surface runoff, sediment transport, soil moisture and seedling growth	R.K. Kolka, M.F. Smidt	Forest Ecology and Management 202 (2004) 313–323
Sediment concentration and turbidity changes during culvert removals	Randy B. Foltz, Kristina A. Yanosek, Timothy M. Brown	Journal of Environmental Management 87 (2008) 329–340
Reopening abandoned forest roads in northern Idaho, USA: Quantification of runoff, sediment concentration, infiltration, and interrill erosion parameters	R.B. Foltz, N.S. Copeland, W.J. Elliot	Journal of Environmental Management 90 (2009) 2542–2550

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Infiltration, erosion, and vegetation recovery following road obliteration	R. B. Foltz, H. Rhee, K. A. Yanosek	Transactions of the 2007 American Society of Agricultural and Biological Engineers, Vol. 50(6): 1937-1943
Gravel and Grass Surfacing Reduces Soil Loss From Mountain Roads	L. W. Swift, JR	Forest Science, Vol. 30, Number 3, 1984 / 657
Hegben Basin TMA Travel Plan and Road Decommissioning – Implementation Monitoring Review	Mark Story, Forest Hydrologist, Gallatin National Forest	Internal USFS Monitoring Report, November 2009
Linking Restoration to Ecohydrologic Structure and Function	Rebecca A. Lloyd and Kathleen A. Lohse	Lloyd and Lohse 2011, draft data from Clearwater National Forest.
Bangtail TMA Travel Plan and Road Decommissioning – Implementation Monitoring Review	Mark Story, Forest Hydrologist, Gallatin National Forest	Internal USFS Monitoring Report, December 12, 2008
Upper Mill Creek TMA Travel Plan and Road Decommissioning – Implementation Monitoring Review	Mark Story, Forest Hydrologist, Gallatin National Forest	Internal USFS Monitoring Report, November 24, 2010
Evaluating the effect of road decommissioning practices on soils, sub-surface water, insects and plants	The Capstone Class of 2010; Advisors: Melissa Bridges, Rick Engel, Kevin O’Neill, Geoff Poole, and Lisa Rew	Montana State University, Department of Land Resources and Environmental Sciences, Capstone Project 2010
FY 2010 Legacy Roads and Trails Accomplishment Report	USDA Forest Service, Pacific Northwest Region	USDA Forest Service Report, 201
Short Term Sediment Impact from Road Obliteration Operations	Randy B. Foltz, Kristina A. Yanosek	2004 ASAE/CSAE Annual International Meeting, Paper No: 045014
Protecting Soil and Water in Forest Road Management	J. M. Grace III, B. D. Clinton	Transactions of the ASABE, Vol. 50(5): 1579-1584 2007
The Three Rs of Roads	Lloyd W. Swift Jr. and Richard G. Burns	Journal of Forestry, Vol. 97, No. 8, August 1999
Benefits and impacts of road removal	Switalski, T.A., J.A. Bissonette, T. H. DeLuca, C.H. Luce, and M.A. Madej	Front Ecol Environ 2004; 2(1): 21-28.
FY 2008 Legacy Roads and Trails Accomplishment Report	USDA Forest Service, Pacific Northwest Region	USDA Forest Service Report, February 2009