
Bibliography of Publications from Washington Office Engineering and Service Centers

This bibliography contains information on publications and other materials produced by the Washington Office Engineering staff and its service centers. Arranged by series, the list includes the title, author or source, document number, and date of publication.

This issue lists material published since our last bibliography (*Engineering Field Notes*, Volume 35, Issue 2 2003). Copies of *Engineering Field Notes* and most Engineering Management Series documents can be obtained from the Washington Office Engineering staff or from the Forest Service Intranet at: <http://fsweb.wo.fs.fed.us/eng/pubs/efn/efn.cont.htm>. Copies of reports, Tech Tips, videotapes, compact disks, and digital video disks can be obtained from the center listed as the source. MTDC and SDTDC documents are also available at: <http://www.fs.fed.us/t-d/pubs/> (username t-d, password t-d). A number of special reports sponsored by the Geospatial Executive Board and authored by Geospatial Advisory Committee teams are available through the Geospatial Services and Technology Center and the Remote Sensing Applications Center.

USDA Forest Service

Attn: Washington Office (WO) Engineering Staff, Sandy Grimm

Stop Code 1101

1400 Independence Avenue, SW.

Washington, DC 20250-1101

Phone: 703-605-4503

USDA Forest Service

San Dimas Technology and Development Center (SDTDC)

444 East Bonita Avenue

San Dimas, CA 91773

Phone: 909-599-1267

USDA Forest Service

Missoula Technology and Development Center (MTDC)

5785 Highway 10 West

Missoula, MT 59808

Phone: 406-329-3900

USDA Forest Service
Remote Sensing Applications Center (RSAC)
2222 West 2300 South
Salt Lake City, UT 84119
Phone: 801-975-3750

USDA Forest Service
Geospatial Services and Technology Center (GSTC)
2222 West 2300 South
Salt Lake City, UT 84119
Phone: 801-975-3473

Engineering Management Series and Other Publications—The Engineering Management (EM) Series contains publications serving a purpose or reader and publications involving several disciplines that are applied to a specific problem.

Engineering Field Notes (EFN)—This publication, published every 6 months, provides a forum for the exchange of information among U.S. Department of Agriculture (USDA) Forest Service personnel. It contains the latest technical and administrative engineering information and ideas related to forestry.

EFN by Title (Volume 36)

2003 <i>Engineering Field Notes</i> Article Award Nominations	Editor (Issue 1 2004): 34–35
2003 <i>Engineering Field Notes</i> Article Award Winners	Editor (Issue 2 2004): 16
2003 Forest Service Engineer of the Year Awards	Editor (Issue 1 2004): 20–33
Accessible Handpump for Campgrounds	Lindler, Bert (Issue 2 2004): 14–15
Bibliography of Publications from Washington Office Engineering and Service Centers	Editor (Issue 2 2004): 19–25
Built Environment Image Guide Receives Award from Landscape Architects	Villalvazo, Ramiro (Issue 2 2004): 9–13
Cost of Construction Materials Soaring	Harmon, Bob (Issue 1 2004): 16–18

Director's Update: Managing Real Property and Improving Access to Corporate Data	Stokes, Vaughn (Issue 1 2004): 1–2
Engineering Bulletin Board	Editor (Issue 1 2004): 36–37
Engineering Bulletin Board	Editor (Issue 2 2004): 17–18
Gary Campbell—WO Engineering's New Deputy Director	Editor (Issue 2 2004): 1
Moving Small Mountains— Vesuvius Dam Rehab	Peterson, Susan L. (Issue 2 2004): 2–8
RSAC Receives Prestigious Awards	Clark, Jess and Lannom, Keith (Issue 1 2004): 19
Traffic Signs for Wildland Fire Incidents: Meeting National Standards	Sheehy, Donna and Showers, Charlie (Issue 1 2004): 3–15

EFN by Author (Volume 36)

Clark, Jess and Lannom, Keith	RSAC Receives Prestigious Awards (Issue 1 2004): 19
Editor	2003 <i>Engineering Field Notes</i> Article Award Nominations (Issue 1 2004): 34–35
Editor	2003 <i>Engineering Field Notes</i> Article Award Winners (Issue 2 2004): 16
Editor	2003 Forest Service Engineer of the Year Awards (Issue 1 2004): 20–33

Editor	Bibliography of Publications from Washington Office Engineering and Service Centers (Issue 2 2004): 19–35
Editor	Engineering Bulletin Board (Issue 1 2004): 36–37
Editor	Engineering Bulletin Board (Issue 2 2004): 17–18
Editor	Gary Campbell—WO Engineering’s New Deputy Director (Issue 2 2004): 1
Harmon, Bob	Cost of Construction Materials Soaring (Issue 1 2004): 16–18
Lindler, Bert	Accessible Handpump for Campgrounds (Issue 2 2004): 14–15
Peterson, Susan L.	Moving Small Mountains— Vesuvius Dam Rehab (Issue 2 2004): 2–8
Sheehy, Donna and Showers, Charlie	Traffic Signs for Wildland Fire Incidents: Meeting National Standards (Issue 1 2004): 3–15
Stokes, Vaughn	Director’s Update: Managing Real Property And Improving Access to Corporate Data (Issue 1 2004): 1–2

Other Publications**Project Reports**

Title	Number	Source	Date
Updating Land Type Association Mapping Techniques in Region 6 Using the Terrestrial Ecological Unit Inventory (TEUI)-Geospatial Toolkit (by D.R. Ufnar, Bruce Frazier, Alan Busacca, Duane Lammers, and Haans Fisk)	RSAC-0038-RPT2	RSAC	05/04
Tamarisk Remote Sensing Inventory and Assessment (by Denise Laes, Paul Maus, Henry Lachowski, Tom McClure, and Willa Holgate) <i>http://fsweb.rsac.fs.fed.us/documents/0046-RPT1.pdf</i>	RSAC-0046-RPT1	RSAC	08/04
Tamarisk Remote Sensing Inventory and Assessment (by Denise Laes and Paul Maus) <i>http://fsweb.rsac.fs.fed.us/documents/0046-TIP1.pdf</i>	RSAC-0046-TIP1	RSAC	08/04
Riparian Area Burn Analysis: Process and Applications (by Haans Fisk, Kevin Megown, and Lynn M. Decker) <i>http://fsweb.rsac.fs.fed.us/documents/0057-TIP1.pdf</i>	RSAC-0057-TIP1	RSAC	08/04

Title	Number	Source	Date
Mapping and Monitoring Non-system Trail Change With Remote Sensing and GIS (by Chuck Werstak, Vicky Johnson, Paul Maus, Henry Lachowski, Linda Meriglano, Max Molyneux, and Noelle Meier)	RSAC-0063-RPT2	RSAC	07/04
Post Fire Burn Severity Classification of the Hayman Fire, CO: Based on Hyperspectral Data– JFSP RFP 2001-2 Task 1 (by Denise Laes, Paul Maus, Sarah Lewis, Pete Robichaud, and Ray Kokaly)	RSAC-0068-RPT1	RSAC	09/04
Range Management Using Remote Sensing and GIS (edited by Vicky Johnson and Debbie Webster) <i>http://fsweb.rsac.fs.fed.us/ documents/0901-CMP1.pdf</i>	RSAC-0901-CMP1	RSAC	03/04
Sky Research Deployment, Missoula, Montana, 2003 (by Thomas Zajkowski) <i>http://fsweb.rsac.fs.fed.us/ documents/1308-RPT1.pdf</i>	RSAC-1308-RPT1	RSAC	10/03
Infrared Field Users' Guide and Vendor Listings (by Thomas Zajkowski, Lloyd Queen, and Darrell VanBuren) <i>http://fsweb.rsac.fs.fed.us/ documents/1309-RPT2.pdf</i>	RSAC-1309-RPT2	RSAC	07/04

Title	Number	Source	Date
License Plate Recognition System (by James Tucker) <i>http://fsweb.rsac.fs.fed.us/documents/1406-TRP1.pdf</i>	RSAC-1406-TRP1	RSAC	08/04
Unmanned Aerial Vehicle Technology for the United States Forest Service (by Thomas Zajkowski) <i>http://fsweb.rsac.fs.fed.us/documents/1507-RPT1.pdf</i>	RSAC-1507-RPT1	RSAC	09/03
Remote Sensing Imagery Support for Burned Area Emergency Response Teams on 2003 Southern California Wildfires (by Jess Clark, Annette Parson, Tom Zajkowski, and Keith Lannom) <i>http://fsweb.rsac.fs.fed.us/documents/2003-RPT1.pdf</i>	RSAC-2003-RPT1	RSAC	12/03
Resource Photography, Digital Cameras, Satellite Imagery, and Feature Analysis—A Forester’s Remote Sensing Toolkit (by Karen Owens)	RSAC-3008-RPT1	RSAC	09/04
Sampling Rare Elements (by Kevin Megown, Bonnie Ruefenacht, Mark Finco, Jule Caylor) <i>http://fsweb.rsac.fs.fed.us/documents/4007-RPT1.pdf</i>	RSAC-4007-RPT1	RSAC	12/03

Title	Number	Source	Date
<p>Technical Support to Forest Inventory and Analysis: Pre-Field Evaluation (by Richard Warnick, Jule Caylor, Mark Finco, Barbara Lasen, Dianna Schilde, Mark E. Nelson, Dale Gormanson, Jamie K. Cochran, Roger Boyer, James Menlove, and Bob Johnston) <i>http://fsweb.rsac.fs.fed.us/documents/4010-RPT1.pdf</i></p>	RSAC-4010-RPT1	RSAC	10/03
<p>Developing Remote Sensing Methods To Assess the Effects of Large Floods at a Regional Scale (by Charlie Schrader-Patton, Jule Caylor, Mark Finco, and Juan de la Fuente) <i>http://fsweb.rsac.fs.fed.us/documents/4011-RPT1.pdf</i></p>	RSAC-4011-RPT1	RSAC	11/03
<p>Using the Digital Transfer Scope (DTS) To Collect and Transfer Data Interpreted from Hardcopy Photos to a Geospatially Referenced Database (by Jess Clark, Jule Caylor, and Mark Finco) <i>http://fsweb.rsac.fs.fed.us/documents/4014-RPT1.pdf</i></p>	RSAC-4014-RPT1	RSAC	10/03
<p>Application and Cost Analysis of Digital Large-Scale GPS-Controlled Aerial Photo Sampling for Pinyon-Juniper Forest Inventory (by Kevin Megown, Jule Caylor, Mark Finco, and Gretchen Moisen) <i>http://fsweb.rsac.fs.fed.us/documents/4015-RPT1.pdf</i></p>	RSAC-4015-RPT1	RSAC	02/04

TECH TIPS

Title	Number	Source	Date
Brush-Clearing Head Evaluation (by Andy Trent) http://fsweb.mtdc.wo.fs.fed.us/pubs/htmlpubs/htm03242336	0324–2336	MTDC	12/03
Manual Post Drivers for 8- to 12-Foot-Long Metal Posts (by Gary Kees) http://fsweb.mtdc.wo.fs.fed.us/pubs/pdfpubs/pdf03242340/pdf03242340dpi300.pdf	0324–2340	MTDC	12/03
Osborne Firefinder (by Joe Fleming and Rich Robertson) http://www.fs.fed.us/eng/pubs/html/03511311/03511311.html	0351–1311	SDTDC	11/03
Fire Shelters Weaken Transmissions From Hand-Held Radios (by Ted Etter) http://fsweb.mtdc.wo.fs.fed.us/pubs/htmlpubs/htm03512342	0351–2342	MTDC	12/03
Safe Use of Cranes and Hoists (by Susan Jenkins, Ian Barlow, and Bob Beckley) http://fsweb.mtdc.wo.fs.fed.us/pubs/htmlpubs/htm03672328	0367–2328	MTDC	09/03
The Outback Savannah Road Grader (by Leo Ruiz) http://fsweb.sdtc.wo.fs.fed.us/pubs/html/03771310/03771310.htm	0377–1310	SDTDC	10/03

Title	Number	Source	Date
Portable Rock Crusher for Trails (by Ellen Eubanks) <i>http://www.fs.fed.us/eng/pubs/html/04231301/04231301.html</i>	0423-1301	SDTDC	03/04
Wood Strands as an Alternative to Agricultural Straw for Erosion Control (by Randy Foltz) <i>http://www.fs.fed.us/eng/pubs/html/04231302/04231302.html</i>	0423-1302	SDTDC	07/04
Portable Vault Toilet Service Unit (by Brenda Land) <i>http://www.fs.fed.us/eng/pubs/html/04231304/04231304.html</i>	0423-1304	SDTDC	07/04
Portable Pressure Washer for Cleaning Recreational Sites (by Brenda Land) <i>http://fsweb.sdtc wo.fs.fed.us/pubs/html/04231305/04231305.htm</i>	0423-1305	SDTDC	07/04
Anchoring Trail Markers and Signs in Rocky Areas (by L'Tanga Watson)	0423-1307	SDTDC	10/04
Camera with Altitude for Wilderness Site Monitoring (by Mary Ann Davies) <i>http://fsweb.mtdc wo.fs.fed.us/pubs/htmlpubs/hm04232301</i>	0423-2301	MTDC	04/04
Advanced Tree Climbing and Rigging Training for Trail Workers (by Susan Jenkins, Ian Barlow, and Bob Beckley) <i>http://fsweb.mtdc wo.fs.fed.us/pubs/htmlpubs/hm04232303</i>	0423-2303	MTDC	03/04

Title	Number	Source	Date
What's Burning in Your Campfire? Garbage In, Toxics Out (by Mary Ann Davies) http://fsweb.mtdc.wo.fs.fed.us/ pubs/pdfpubs/pdf04232327/ pdf04232327dpi300.pdf	0423-2327	MTDC	09/04
An Improved Method For Collecting and Monitoring Pine Oleoresin (by Dick Karsky, Brian Strom, and Harold W. Thistle) http://fsweb.mtdc.wo.fs.fed.us/ pubs/pdfpubs/pdf04342306/ pdf04342306dpi300.pdf	0434-2306	MTDC	04/04
Water Rakes (by Rich Robertson) http://fsweb.sdtc.wo.fs.fed.us/ pubs/html/04511306/04511306.html	0451-1306	SDTDC	07/04
Sediment Measurements from Multiple Aggregate Sources: Not All Aggregates Perform The Same (by Randy Foltz and Mark Truebe)	0451-1308	SDTDC	08/04
Biodiesel Fuel Use in Diesel Engines (by Ron Tam) http://www.fs.fed.us/eng/pubs/ html/04511309/04511309.html	0451-1309	SDTDC	09/04
New Headlamp for Wildland Firefighters (by Dennis Davis) http://fsweb.mtdc.wo.fs.fed.us/ pubs/htmlpubs/htm04512317	0451-2317	MTDC	06/04

Title	Number	Source	Date
Improved Face and Neck Shroud for Wildland Firefighters (by Lori Messenger and Tony Petrilli) <i>http://fsweb.mtdc.wo.fs.fed.us/ pubs/htmlpubs/htm04512323</i>	0451-2323	MTDC	06/04
Inspecting, Cleaning, Repairing, and Retiring USDA Forest Service Chain Saw Chaps (by Lori Messenger and Tony Petrilli) <i>http://fsweb.mtdc.wo.fs.fed.us/ pubs/htmlpubs/htm04512324</i>	0451-2324	MTDC	06/04
Comparing Four Methods of Correcting GPS Data: DGPS, WAAS, L-Band, and Postprocessing (by Dick Karsky) <i>http://fsweb.mtdc.wo.fs.fed.us/ pubs/pdfpubs/pdf04712307/ pdf04712307dpi300.pdf</i>	0471-2307	MTDC	07/04
Controlling Rodents in Forest Service Facilities: Reports from the Field (by Kathleen Snodgrass) (electronic only) <i>http://fsweb.mtdc.wo.fs.fed.us/ pubs/htmlpubs/htm04712332</i>	0471-2332	MTDC	07/04
Maintenance Issues and Repair Guidelines for Precast Concrete Toilets and Buildings (by Gary Kees) <i>http://fsweb.mtdc.wo.fs.fed.us/ pubs/pdfpubs/pdf04712334/ pdf04712334dpi300.pdf</i>	0471-2334	MTDC	09/04

Title	Number	Source	Date
Shredding Small Trees to Create Mulch for Erosion Control (by James Scott Groenier) <i>http://fsweb.mtdc.wo.fs.fed.us/pubs/pdfpubs/pdf04712335/pdf04712335dpi300.pdf</i>	0471–2335	MTDC	09/04

SPECIAL REPORTS

Title	Number	Source	Date
Timber Damage by Black Bears: Approaches to Control the Problem (by Dale L. Nolte, Kimberly K. Wagner, and Andy Trent) <i>http://fsweb.mtdc.wo.fs.fed.us/pubs/htmlpubs/htm03242832</i>	0324–2832	MTDC	11/03
Air Program News: Issue 4 (by Andy Trent) (electronic only) <i>http://fsweb.mtdc.wo.fs.fed.us/pubs/htmlpubs/htm03252820</i>	0325–2820	MTDC	05/03
Laboratory Evaluation of Real-Time Smoke Particulate Monitors (by Andy Trent) <i>http://fsweb.mtdc.wo.fs.fed.us/pubs/pdfpubs/pdf03252834/pdf03252834dpi72.pdf</i>	0325–2834	MTDC	12/03
Asphalt Paving of Treated Timber Bridge Decks (by Merv Eriksson, Homer Wheeler, and Sharon Kosmalski) <i>http://fsweb.mtdc.wo.fs.fed.us/pubs/htmlpubs/htm03712809</i>	0371–2809	MTDC	11/03

Title	Number	Source	Date
Backcountry Road Maintenance and Weed Management (by Leslie Ferguson, Lacey Celestine, and Kathleen Snodgrass) <i>http://fsweb.mtdc.wo.fs.fed.us/pubs/htmlpubs/htm03712811</i>	0371–2811	MTDC	07/03
2002 MTDC Documents (by Amy Oravetz and Cailen Hegman) <i>http://fsweb.mtdc.wo.fs.fed.us/php/library_card.php?p_num=0371%202831</i>	0371–2831	MTDC	
T&D News: Number 3, 2003 (by Bill Kilroy and Jerry Taylor Wolf) <i>http://fsweb.mtdc.wo.fs.fed.us/pubs/htmlpubs/htm03712841</i>	0371–2841	MTDC	12/03
Riparian Restoration (by Ellen Eubanks)	0423–1201	SDTDC	08/04
Recreation Newsletter (by SDTDC Recreation staff)	0423–1802	SDTDC	04/04
Trail Construction and Maintenance Notebook: 2004 Edition (by Woody Hesselbarth and Brian Vachowski) <i>http://fsweb.mtdc.wo.fs.fed.us/pubs/htmlpubs/htm04232825</i>	0423–2825P	MTDC	04/04
Air Program News: Issue 5 (by Andy Trent) (electronic only) <i>http://fsweb.mtdc.wo.fs.fed.us/pubs/htmlpubs/htm04252808</i>	0425–2808	MTDC	03/04

Title	Number	Source	Date
MTDC Portable Vehicle Washer (by Andy Trent, Dick Karsky, Chuck Harding, and Scott Gilmour) http://fsweb.mtdc.wo.fs.fed.us/ pubs/pdfpubs/pdf04342819/ pdf04342819dpi72.pdf	0434–2819	MTDC	07/04
MTDC Portable Vehicle Washer System: Operator’s Manual (by Andy Trent, Dick Karsky, Chuck Harding, and Scott Gilmour) (electronic only) http://fsweb.mtdc.wo.fs.fed.us/ pubs/pdfpubs/pdf04342826/ pdf04342826dpi72.pdf	0434–2826	MTDC	07/04
Interagency Retardant Base Planning Guide (by the National Wildfire Coordinating Group Interagency Committee)	0451–1803	SDTDC	09/04
Wildland Firefighter Health & Safety Report: No. 8. (by Brian Sharkey) http://fsweb.mtdc.wo.fs.fed.us/ pubs/pdfpubs/pdf04512802/ pdf04512802dpi72.pdf	0451–2802	MTDC	05/05
El refugio de proteccion nueva generacion (by Leslie Anderson) http://fsweb.mtdc.wo.fs.fed.us/ pubs/htmlpubs/htm04512831	0451–2831	MTDC	05/04

Title	Number	Source	Date
<p>How to Conduct Drop Tests of Aerial Retardant Delivery Systems (by Greg Lovellette) (electronic only) <i>http://fsweb.mtdc.wo.fs.fed.us/pubs/pdfpubs/pdf04572813/pdf04572813dpi300.pdf</i></p>	0457–2813	MTDC	07/04
<p>Everyday Hazmat User’s Training Guide (by J. Craig Erickson, William H. McMullen, and Wes Throop) (electronic only) <i>http://fsweb.mtdc.wo.fs.fed.us/pubs/pdfpubs/pdf04712810/pdf04712810dpi300.pdf</i></p>	0471–2810	MTDC	09/04
<p>New From MTDC: 2003 (by Jerry Taylor Wolf) <i>http://fsweb.mtdc.wo.fs.fed.us/php/library_card.php?p_num=0471%202820</i></p>	0471–2820	MTDC	09/04
<p>T&D News: Number 1, 2004 (by Bill Kilroy and Jerry Taylor Wolf) <i>http://fsweb.mtdc.wo.fs.fed.us/pubs/htmlpubs/hm04712828</i></p>	0471–2828	MTDC	05/04

Videotapes (VHS), Compact Disks (CD), Digital Video Disks (DVD), Web Sites, and PowerPoint Presentations

Title	Number	Source	Date
Work Capacity Test Administrator's Guide (by Chuck Whitlock) CD	0351-2C01	MTDC	04/03
Occupational Safety & Health Training for Supervisors and Managers (by Chuck Whitlock) CD <i>http://fsweb.mtdc.wo.fs.fed.us/ pubs/ppt_html/htm03672C09</i>	0367-2C09	MTDC	12/03
Construction of Precast Concrete Outhouses (by Gary Kees and Ted Cote) PowerPoint Presentation <i>http://fsweb.mtdc.wo.fs.fed.us/ pubs/ppt_html/htm04232P01</i>	0423-2P01	MTDC	08/04
National Snow Load Information (by James Scott Groenier) Web site <i>http://fsweb.mtdc.wo.fs.fed.us/ snow_load</i>	0423-2W02	MTDC	06/04