
Bibliography of Publications from Washington Office Engineering and Detached Units

This bibliography contains information on publications produced by the Washington Office Engineering staff and its detached units. 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 33, July–December 2001). 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*, and videotapes can be obtained from the center listed as the source. A number of special reports, sponsored by the Geospatial Executive Board and authored by Geospatial Advisory Committee (GAC) teams, are available through the Geospatial Service and Technology Center (GSTC) and the Remote Sensing Applications Center (RSAC).

USDA Forest Service
Attn: Washington Office (WO) Engineering Staff, Sandy Grimm
Stop Code 1101
1400 Independence Avenue, SW.
Washington, DC 20250-1101
703-605-4503

USDA Forest Service
San Dimas Technology and Development Center (SDTDC)
444 East Bonita Avenue
San Dimas, CA 91773
909-599-1267

USDA Forest Service
Missoula Technology and Development Center (MTDC)
5785 Highway 10 West
Missoula, MT 59808-9361
406-329-3900

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

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

Publications

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, which is 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 34)

2001 <i>Engineering Field Notes</i> Article Award Nominations	Editor (January-June 2002): 36-38
2001 <i>Engineering Field Notes</i> Article Award Winners	Editor (July-December 2002): 5
2001 Forest Service Engineers of the Year Awards	Editor (January-June 2002): 16-35
Alexander G. (Sam) Morigeau Deputy Director of Engineering	Morigeau, Alexander G. (Sam) (January-June 2002): 3
Bibliography of Publications from Washington Office Engineering and Detached Units	Editor (July-December 2002): 33-42
EFN Goes Electronic	Editor (July-December 2002): 1
<i>Engineering Field Notes</i> Guidelines for Authors	Editor (January-June 2002): 39
INFRA To Celebrate 10 th Anniversary and Launch Infra 5.0	Bodin, Claudine (January-June 2002): 4-8
Juggling Resources To Maintain and Improve Engineering Excellence	Stokes, Vaughn (July-December 2002): 3-4
McClain Creek Landslide: Installation of Drainage Systems, August to October 2001	Anderson, Terri and Prellwitz, Rodney (July-December 2002): 11-21
Public Forest Service Roads—A “Service First” Approach To Managing Our National Forests	Moore, Thomas L. (July-December 2002): 23-26

Rising From the Ashes	Devlin, Sherry (July-December 2002): 7-10
Satellite Remote Sensing for the 2002 Winter Olympic Games	Greenfield, Paul H. (January-June 2002): 9-15
Supporting the Burned Area Emergency Response (BAER) Program with Remotely Sensed Imagery	Orlemann, Andrew (July-December 2002): 27-31
Working Together	Stokes, Vaughn (January-June 2002): 1-2

EFN by Author
(Volume 34)

Anderson, Terri and Prellwitz, Rodney	McClain Creek Landslide: Installation of Drainage Systems, August to October 2001 (July-December 2002): 11-21
Bodin, Claudine	INFRA To Celebrate 10 th Anniversary and Launch Infra 5.0 (January-June 2002): 4-8
Devlin, Sherry	Rising From the Ashes (July-December 2002): 7-10
Editor	2001 <i>Engineering Field Notes</i> Article Award Nominations (January-June 2002): 36-38
Editor	2001 <i>Engineering Field Notes</i> Article Award Winners (July-December 2002): 5
Editor	2001 Forest Service Engineers of the Year (January-June 2002): 16-35
Editor	Bibliography of Publications from Washington Office Engineering and Detached Units (July-December 2002): 33-42
Editor	EFN Goes Electronic (July-December 2002): 1
Editor	<i>Engineering Field Notes</i> Guidelines for Authors (January-June 2002): 39

Greenfield, Paul H.	Satellite Remote Sensing for the 2002 Winter Olympic Games (January-June 2002): 9-15
Moore, Thomas L.	Public Forest Service Roads—A Service First Approach To Managing Our National Forests (July-December 2002): 23-26
Morigeau, Alexander G. (Sam)	Alexander G. (Sam) Morigeau Deputy Director of Engineering (January-June 2002): 3
Orlemann, Andrew	Supporting the Burned Area Emergency Response (BAER) Program with Remotely Sensed Imagery (July-December 2002): 27-31
Stokes, Vaughn	Juggling Resources To Maintain and Improve Engineering Excellence (July-December 2002): 3-4
Stokes, Vaughn	Working Together (January-June 2002): 1-3

Other EM Publications

Title	Number	Source	Date
Facilities Planning (electronic only) (http://fsweb.wo.fs.fed.us/eng/eng_man_pubs/EM73104_FacilitiesPlanning.pdf)	EM-7310-4	WO	05/02
Timber Sale Contract Administration for Construction Inspectors and Engineering Representatives Self-Study Guide (electronic only) (http://fsweb.wo.fs.fed.us/eng/pubs/ccp/ssg.htm)	EM-7115-502-100	WO	03/02

Reports

Project Reports

Title	Number	Source	Date
New Technique for Segmenting Images (by Bonnie Ruefenacht, Dave Vanderzanden, Michael Golden, and Mike Morrison)		RSAC	02/02
Geographic Resampling, Nearest Neighbor, Bilinear Interpolation, Cubic Convolution (by Donald T. Evans and Brad Quayle)		RSAC	04/02

Overview of Most Similar Neighbor (MSN) Analysis (by Nicholas Crookston, Melinda Mouer, David Renner, and Karen Owens)		RSAC	04/02
Helicopter Cargo Hook Safety Link (by Carl Bambarger)	0257-1201	SDTDC	06/02
Riparian Protection and Restoration: Road Design Techniques (by Jim Bassel)	0223-1202	SDTDC	09/02
Anadromous Fish Strainers For Use in Wildland Drafting Operations (by Lois Sicking)	0251-1203	SDTDC	09/02
EPA and CARB Emission Standards To Control Nonroad Exhaust Emissions in Pumps and Chain Saws (by Lois Sicking)	0251-1204	SDTDC	09/02
BAER Necessities for Hydrologists and Engineers: A Guide to Basic Burned Area Emergency Rehabilitation Treatments (by Jeff Moll)	0277-1205	SDTDC	09/02
Large Scale Photography—An Initial Look Into the Application and Results of Large Scale Photography (by Kevin Megown, Julie Caylor, Mark Finco, Gretchen Moisen, Bob Simonson, and Barry Bollenbacher)		RSAC	09/02
Using IKONOS Satellite Imagery for Spruce Beetle Mapping (by Jan Johnson, Paul Greenfield, and Jim Ellenwood)		RSAC	09/02
Visual Learning System's Feature Analyst: A Forest Service Beta Test (by Dave Vanderzanden and Mike Morrison)		RSAC	09/02
MrSID and ECW Image Compression Comparisons (by Dave Vanderzanden and Mike Morrison)		RSAC	10/02
Remote Sensing Applied to Ecosystem Management (in Guidebook for Integrated Ecological Assessments) (by Henry Lachowski and Vicky Johnson)		RSAC	2002

Remote Sensing Tips

Title	Number	Source	Date
New Approaches for Monitoring Stream Temperature: Airborne Thermal Infrared Remote Sensing (by Paul Maus, Henry Lachowski, and Russell Faux)	RSAC-23	RSAC	2002

Assessing Watershed Conditions Using Remote Sensing and Geographic Information System (by Michael Williamson, Haans Fisk, Henry Lachowski, Edward Reilly, and John Proctor)	RSAC-24	RSAC	01/02
Detecting Historic Changes in Sage Grouse Habitat Using Remote Sensing and GIS (by John Gillham, Bonnie Ruefenacht, Haans Fisk, and Henry Lachowski)	RSAC-34-1	RSAC	01/02
Converting a Historical Aerial Photograph To Use With a Digital Image Processing System: A Comparison of Two Methods (by John Gillham, Bonnie Ruefenacht, Haans Fisk, and Henry Lachowski)	RSAC-34-2	RSAC	01/02
Remote Sensing Tools for Burned Area Emergency Rehabilitation (BAER) (by Tom Bobbe, Mark Finco, Paul Maus, and Andrew Orlemann)	RSAC-43	RSAC	2002
Application of Scanned High Resolution, GPS Controlled Large Scale Aerial Photography to a Forest Inventory (by Julie Caylor, Kevin Megown, Mark Finco, Bob Simonson, Barry Bollenbacher, Doug Bergland, Ken Brewer, Gretchen Moisen, and Larry DeBlander)	RSAC-4001	RSAC	05/02

Tech Tips

Title	Number	Source	Date
Striping Parking Areas on Unpaved Surfaces (by Marty Willbee)	0223-1314	SDTDC	06/02
Backpack Archeology Screen (by Ellen Eubanks)	0223-1316	SDTDC	07/02
Two-Cubic-Yard Bearproof Dumpster (by Lester Sinclair)	0223-1319	SDTDC	09/02
SST Installation Guide (by Brenda Land)	0223-1320	SDTDC	11/02
Crosscut Saw Tooth-Setting Tool (by Bob Beckley)	0223-2324	MTDC	07/02
Monitoring the Temperature of Tree Seedlings with the Thermochron iButton Data Logger (by David S. Gasvoda, Richard W. Tinus, Karen E. Burr, and Andy Trent)	0224-2311	MTDC	03/02
http://fsweb.mtdc.wo.fs.fed.us/pubs/htmlpubs/htm02242311/			

Air-Kwik Air Powered Firefighting System (by Dale Dague)	0251-1301	SDTDC	09/02
Pulaski and Combination Tool Skilled Grubbing Technique Training Program (by Lois Sicking)	0251-1302	SDTDC	09/02
Pulaski Tool Sheath—A Method To Loosen Up Hoe and Ax Sheath Ends (by Lois Sicking)	0251-1303	SDTDC	06/02
Lightweight Pressure Regulator With Gauge to Reduce Pressure in a Downhill Hose Lay (by Lois Sicking)	0251-1304	SDTDC	06/02
New and Improved Flap Cup Grinder Disc for Sharpening Fire Handtools (by Lois Sicking)	0251-1305	SDTDC	06/02
Water-Gate Instant Water Barrier (by Ralph Gonzales)	0251-1306	SDTDC	06/02
Hardline Hose Comparison Study (by Lois Sicking)	0251-1307	SDTDC	09/02
Remotely Activated Structure Pump (by Fred Cammack)	0251-1315	SDTDC	06/02
The Use of Air Curtain Destructors For Fuel Reduction (by Al Schapiro)	0251-1317	SDTDC	09/02
How To Calculate Nozzle Reaction and Secure Hose When Service Testing Fire Pump Systems on Fire Apparatus at High Flow Rates (by Lois Sicking)	0251-1318	SDTDC	09/02
Feeding the Wildland Firefighter (by Brian Sharkey, Brent Ruby, and Carla Cox)	0251-2323	MTDC	07/02
Personal Safety in Remote Work Locations: Supervisor Responsibilities (by Jon Driessen and Lisa Outka-Perkins)	0267-2316	MTDC	06/02
Making Your Web Site and Other Electronic Documents More Accessible (by Michelle Beneitone, Jacob Cowgill, and Bob Beckley) (electronic only)	0271-2304	MTDC	03/02

Special Reports

Title	Number	Source	Date
Geospatial Technology Core Competencies (by Geospatial Advisory Committee (GAC) Focus Area Three Team)	Unnumbered	GSTC	02/01
Floating Trail Bridges and Docks (by Jason Neese, Merv Eriksson, and Brian Vachowski)	0223-2812	MTDC	07/02
Smallwood II (by Andy Horcher)	0224-1802	SDTDC	09/02
Reforestation and Nurseries Level 1 (by Andy Trent)	0224-2805	MTDC	04/02
DataRAM 2000 Particulate Monitor: Forest Service User's Guide (by Mary Ann Davies)	0225-2803	MTDC	04/02
MTDC Air Program News #2 (by Andy Trent) (electronic only) (http://fsweb.mtdc.wo.fs.fed.us/programs/wsa/air_news/issue2.htm)	0225-2807	MTDC	01/02
DataRAM4 Particulate Monitor: Forest Service User's Guide (by Mary Ann Davies)	0225-2810	MTDC	07/02
Access Guide for Incident Facilities (by Dale Dague)	0251-1801	SDTDC	06/02
Crew Cohesion, Wildland Fire Transition, and Fatalities (by Jon Driessen) http://fsweb.mtdc.wo.fs.fed.us/pubs/pdfpubs/pdf02512809.pdf02512809.pdf	0251-2809	MTDC	02/02
Wildland Firefighter Health & Safety Report No. 5 (by Brian Sharkey) http://fsweb.mtdc.wo.fs.fed.us/pubs/htmlpubs/htm02512815/index.htm	0251-2815	MTDC	07/02
Lessons Learned from the Thirtymile Fire: Training Program (by Tim Lynch) (electronic only) (http://fsweb.mtdc.wo.fs.fed.us/lessons)	0251-2819	MTDC	09/02
Lessons Learned from the Thirtymile Fire: Instructor Guide (by Tim Lynch) (electronic only) http://fsweb.mtdc.wo.fs.fed.us/lessons/slides/insGuide.htm	0251-2820	MTDC	09/02
FS-14 Parachute Packing Instructions (by Pat Wilson)	0257-2814	MTDC	05/02

Treatment of Petroleum-Contaminated Soil in Remote, Cold, Wet Regions (by David L. Barnes, Shawna R. Laderach, and Charlie Showers) (electronic only) http://fsweb.mtdc.wo.fs.fed.us/pubs/lc/lc02712801.htm	0271-2801	MTDC	09/02
QuartersTools (by Kathie Snodgrass) (electronic only) http://fsweb.mtdc.wo.fs.fed.us/toolbox/qtr/index.htm	0271-2802	MTDC	02/02
T&D News: Winter 2002 (by Bill Kilroy) http://fsweb.mtdc.wo.fs.fed.us/pubs/htmlpubs/htm02712806/index.htm	0271-2806	MTDC	03/02
2001 MTDC Documents Brochure (by Jerry Taylor Wolf)	0271-2817	MTDC	05/02
MTDC: Shaping Solutions for the Forest Service (by Bert Lindler) http://fsweb.mtdc.wo.fs.fed.us/pubs/htmlpubs/htm02712818/	0271-2818	MTDC	06/02
Historic Facilities Tools (by Kathie Snodgrass) (electronic only) http://fsweb.mtdc.wo.fs.fed.us/toolbox/his/index.htm	0271-2822	MTDC	02/02
T&D News: Summer 2002 (by Bill Kilroy and Jerry Taylor Wolf) http://fsweb.mtdc.wo.fs.fed.us/pubs/htmlpubs/htm02712828/index.htm	0271-2828	MTDC	08/02
Forest Service Geospatial Strategy (by GAC Focus Area Two Team and Forest Service GeoTeam)	Unnumbered	GSTC	08/02
Tactical Plan for the Forest Service Natural Resource Applications Geospatial Interface (by GAC Focus Area Two Team and Forest Service GeoTeam)	Unnumbered	GSTC	08/02
GIS Core Data Pilot Final Report (by GAC Focus Area One Team)	Unnumbered	GSTC	09/02
Value of Civil Imagery and Remote Sensing (sponsored by the Federal Geographic Data Committee)	Unnumbered	RSAC	10/02