CURRICULUM VITAE

**Jerome (Jerry) Vernon De Graff**

Married with two children

**Business Address**: Department of Earth & Environmental Sciences

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**Education**

Post-Graduate and Continuing Education course work in geology: University of the South. Suwanee, TN, 2009-2012, UC Davis, Davis, CA, 1994-1997,Univ. of Wisconsin, Madison, WI, 1984, 1991; Calif. State Univ., Los Angeles, CA, 1984; Univ. of Idaho, Moscow, ID, 1982‑1983; Calif. State Univ., Fresno, CA, 1982, 1990; State Univ. of New York, Geneseo, NY, 1968‑1972

MS, Utah State University, Logan, Utah, 1976, Geology,

Thesis: Quaternary Geomorphic Features of the Bear River Range, North‑Central Utah, 214 p.

B.Sc., State University of New York, Geneseo, New York, 1967, Education/Earth Science,

Senior thesis: Origin of a Ridge Feature in Letchworth Gorge, Letchworth State Park, New York, 11 p.

**Professional Certification**:

Contracting Officer’s Representative, Level III Certification, Federal Acquisitions Institute, Washington, D.C., April, 2012.

Designation as On Scene Coordinator and Environmental Protection Investigator (#USFS010),

U. S. Department of Agriculture Forest Service, Sept. 2000.

Certificate in Site Assessment and Remediation, University Extension, University

of California, Davis, April 1996.

Hazardous Waste Site Operation Training Certification S90‑254 (OSHA

40‑hour safety training), Environmental & Safety Resources, 1990; 8‑hr Refresher Course, 1991-2013.

**Work Experience**:

On Scene Coordinator, USDA Forest Service. Pacific Southwest Region (R-5), Clovis, California, Oct. 2006-Feb. 2014.

Province Geologist, USDA Forest Service, Sierra, Sequoia, and Stanislaus National Forests

(R‑5), Clovis, California, Oct. 1987‑Sept. 2006.

Forest Geologist, USDA Forest Service, Sierra National Forest (R‑5), Fresno, California, Aug. 1981‑Sept. 1987.

Forest Environmental Geologist, USDA Forest Service, Fishlake National Forest (R‑4), Richfield, Utah, Dec. 1977‑July 1981.

Environmental Geologist (Seasonal Appt.), USDA Forest Service, Soil and Water Management Division (R‑4), Ogden, Utah, July‑Sept. 1977.

Senior Research Technician (Geology), Department of Forestry and Outdoor Recreation, Utah State University, Logan, Utah, 1976‑1977.

Planetarium Instructor, Strasenburgh Planetarium (Rochester Museum and Science Center), Rochester, New York, 1968‑1973.

Science Teacher, Mendon Center Jr. High School, Pittsford Central Schools, Pittsford, New York, 1967‑1968.

**International Work Experience** (Temporary Assignments):

Instructor and Team Leader, “Burned Area Emergency Rehabilitation”, Bulgarian Agency for Civil Protection and U.S. Agency for International Development, Sofia, Bulgaria, November 5-14, 2002

Technical Consultant to USAID Office of Foreign Disaster Assistance, burn rehabilitation specialist on wildfire technical assessment team to Bulgaria and Greece, January 21- February 10, 2001.

Instructor, “Greater Kingston Metropolitan Area Landslide Hazard Workshop”, University of the West Indies and Organization of American States, Kingston, Jamaica, January 25-28, 1999.

Technical Consultant to USAID Office of Foreign Disaster Assistance, completed rapid

assessment in response to a landslide-dam disaster on Dominica, West Indies, Dec. 3-11,1997.

# Technical Consultant to Dominica, assessed geologic hazard vulnerability of the Trafalgar Falls

Hydroelectric project, Organization of American States and CARILEC, Dominica, West Indies, Nov. 27‑Dec. 3, 1994.

Instructor, "Geologic Input to Environmental Impact Assessments Short Course", UNESCO,

University of the West Indies, and Organization of American States, Kingston, Jamaica, Nov. 2‑8, 1994.

Technical Consultant to St. Lucia, participated in post‑disaster (Tropical Storm Debbe) review,

providing background information on landslide hazard and technical advice on restoration of landslide‑disturbed terrain, Organization of American States, St. Lucia, West Indies, Oct. 27‑Nov. 1, 1994.

Instructional Coordinator and Co‑Instructor, "Curso de Entrenamiento para la Evaluacion de la

Amenaza de Deslizamientos de Tierra", Organization of American States, USAID‑Guatemala, and USDA Forest Service, Guatemala City, Guatemala, Sept. 21‑Oct. 2, 1992.

Technical Consultant to Caribbean NF, prepared landslide monitoring plan for rehabilitation work

on Hurricane Hugo landslides, El Yunque RD, Caribbean National Forest (R‑8), Puerto Rico, Sept. 22‑Oct. 1, 1991.

Instructor, "Vegetation and Slope Stability", 4th Hydrogeological Hazard Studies Summer School,

Istituto di Recerca per la Protezione Idrogeologica nell'Italia Centrale de Consiglio Nazionale delle Richerche and U.S. Geological Survey, Perugia, Italy, June 24‑July 24, 1991.

Technical Consultant to Dominica, mapped post‑1987 landslides to evaluate short‑term

predictability of landslide hazard map and relationship of landslide activity to vegetation types, Organization of American States and Government of the Commonwealth of Dominica, Dominica, West Indies, May 5‑19, 1990.

Technical Consultant to Jamaica, reviewed initial landslide hazard mapping by government geologists and academic researchers, Organization of American States and Government of Jamaica, Kingston, Jamaica, Oct. 30‑Nov. 4, 1989.

Technical Consultant, landslide specialist for "Disaster Mitigation and Resources Restoration

Assessment Team", U.S. Agency for International Development, Bangkok, Thailand,

May 2‑26, 1989.

Instructor, "Landslide Hazard Assessment Workshop", Organization of American States, Office of

Disaster Preparedness of the Government of Jamaica, and University of the West Indies, Kingston, Jamaica, Jan. 2‑15, 1989.

Writer, Landslide hazard training course, "Natural Hazards Risk Assessment and Disaster Mitigation Pilot Project in Latin America and the Caribbean Basin", Department of Regional Development, Organization of American States, Jan. 1, 1988‑May 31, 1988.

Technical Consultant to St. Vincent, mapped landslides and prepared landslide hazard map, Organization of American States and Government of St. Vincent and the Grenadines, St. Vincent, West Indies, Nov. 7‑28, 1987.

Writer, Landslide chapter in Natural Hazards Handbook for regional development planners,

"Natural Hazards Risk Assessment and Disaster Mitigation Pilot Project in Latin America and the Caribbean Basin", Department of Regional Development, Organization of American

States, Jan. 1, 1985‑Oct. 30, 1987.

Instructor, "Field techniques in landslide investigation and mapping" (for visiting Nepalese geologist), U.S. Agency for International Development/Office of Foreign Disaster Assistance, Aug. 9‑14, 1987.

Technical Consultant to Dominica, mapped landslides and prepared landslide hazard map,

Organization of American States and Government of the Commonwealth of Dominica, Dominica, West Indies, Jan. 4‑Feb. 1, 1987.

Technical Consultant to St. Lucia, mapped landslides and prepared landslide hazard map, Organization of American States and Government of St. Lucia, St. Lucia, West Indies, Oct. 10‑Nov. 8, 1985.

Instructor (Landslide Module), "Geologic and Hydrologic Hazards Training Course for Foreign

Disaster Specialists", Office of International Geology, U.S. Geological Survey, Denver, Colorado, March 12‑16, 1984.

**Professional Membership**:

Association of Engineering Geologists

Geological Society of America

International Association for Engineering Geology and the Environment

**Awards and Honors**:

*Professional:*

AEG Presidential Citation (Public Promotion of Profession), Association of Environmental and Engineering Geologists, 2016

Richard H. Jahns Distinguished Lecturer, Association of Environmental and Engineering Geologists and Environmental & Engineering Geology Division, Geological Society of America, 2016

AEG Presidential Citation (E&EG Editorial Board), Association of Environmental and Engineering Geologists, 2015

Certificate of Appreciation (eGSA Committee), Geological Society of America, 2014

AEG Presidential Citation (E&EG Editorial Board), Association of Environmental and Engineering Geologists, 2013

Certificate of Appreciation (Frye Award Committee), Geological Society of America, 2013

Meritorious Service Award, Environmental & Engineering Geology Division, Geological

Society of America, 2011

AEG Publication Award, Association of Environmental and Engineering Geologists, 2010

Certificate of Appreciation (Councilor), Geological Society of America, 2010

Certificate of Appreciation (Academic and Applied Geoscience Relations Committee), Geological Society of America, 2008

Certificate of Appreciation (Ad-Hoc Comm. Division/Section Meeting Integration), Geological Society of America, 2008

Speaker, “Natural Hazards Science - Reducing America’s Risk” Congressional Briefing, 2006

Distinguished Practice Award, Engineering Geology Division, Geological

Society of America, 2004

Certificate of Appreciation, South Coast Geological Society, 2002

Presenter, National Landslide Hazards Mitigation Strategy Review, Board of Earth Sciences and Resources, National Research Council, 2002

Meritorious Service Award, Engineering Geology Division, Geological

Society of America, 1997

AEG Presidential Citation (National Landslide Awareness Day), Association of Engineering Geologists, 1995.

Certificate of Appreciation, Southern California Section, Association of

Engineering Geologists, 1992

Claire P. Holdredge Award, Association of Engineering Geologists, 1990

E. B. Burwell Jr. Memorial Award, Engineering Geology Division,

Geological Society of America, 1989

Fellow, Geological Society of America, 1983

Graduate Research Award, Sigma Xi (USU Chapter), 1975

*USDA-FS:*

Time-Off Award for Outstanding Performance, Regional Office (R-5), 2012

Certificate of Merit, USDA Forest Service, Regional Office (R-5), 2010

Spot Award for Outstanding Performance, Regional Office (R-5), 2008

Certificate of Merit, USDA Forest Service, Sierra NF, 2008

Certificate of Merit, USDA Forest Service, Regional Office (R-5), 2005

Certificate of Merit, USDA Forest Service, Regional Office (R-5), 2004

Certificate of Merit, USDA Forest Service, Regional Office (R-5), 2003

Certificate of Merit, USDA Forest Service, Sierra NF, 2001

Certificate of Merit, USDA Forest Service, Sierra NF, 2000

Certificate of Merit, USDA Forest Service, Sierra NF, 1996

Certificate of Merit, USDA Forest Service, Regional Office (R-5), 1994

Golden CERCLA Award, USDA Forest Service, Regional Office (R-5), 1994

Certificate of Merit, USDA Forest Service, Sierra NF, 1994

Certificate of Merit, USDA Forest Service, Sierra NF, 1993

Certificate of Merit, USDA Forest Service, Sierra NF, 1992

Certificate of Merit, USDA Forest Service, Sierra NF, 1991

Certificate of Merit, USDA Forest Service, Sierra NF, 1990

Certificate of Merit, USDA Forest Service, Sierra NF, 1989

USDA Forest Service Nominee, USDA Honor Awards, 1989

Certificate of Appreciation, USDA Forest Service, Regional Office (R-5), 1989

Certificate of Merit, USDA Forest Service, Sierra NF, 1988

Certificate of Appreciation, USDA Forest Service and US Environmental

Protection Agency, 1986

Certificate of Merit, USDA Forest Service, Sierra NF, 1985

Certificate of Merit, USDA Forest Service, Sierra NF, 1982

Certificate of Appreciation, USDA Forest Service, Fishlake NF, 1981

Certificate of Merit, USDA Forest Service, Fishlake NF, 1979

### BIBLIOGRAPHY

**Abstracts**:

De Graff, Jerome V., 1975. Multiple episodes of alluvial fan deposition in the Bear River Range, Utah: Geol. Soc. Amer. Abs. With Programs 7:603.

De Graff, Jerome V., 1975. Inactive patterned ground, Bear River Range, north‑central Utah:

Geol. Soc. Amer. Abs. With Programs 7:1048.

De Graff, Jerome V., 1976. Asymmetry of canyons in the Bear River Range, north‑central Utah:

Geol. Soc. Amer. Abs. With Programs 8:583.

De Graff, Jerome V. and Southard, A. R., 1976. Soils influence on the distribution of patterned

ground in the Bear River Range, north‑central Utah: Western Soc. Soil Sci. Program Abstracts (1976 Ann. Mtg., Missoula, MT), p. 15.

De Graff, Jerome V. and Southard, A.R., 1977. Soil development and glacial sequence of moraines on the northern Wasatch Plateau, central Utah: Western Soc. Soil Sci. Program Abstracts (1977 Ann. Mtg., San Francisco, CA), p. 3.

Sprinkel, Douglas A., and De Graff, Jerome V., 1977, Application of a quantitative slope profile technique to longitudinal stream profile analysis: Geol. Soc. Amer. Abs. with Programs 9:1187.

De Graff, Jerome V. and Zsiray, Stephen W., 1978. Quantitative analysis of cirque distribution on

the northern Wasatch Plateau, Utah: Geol. Soc. Amer. Abs. With Programs 10:214‑215.

De Graff, Jerome V., 1979. Subsidence tension cracks: initial assessment of "self‑healing" rates

and magnitudes: Geol. Soc. Amer. Abs. With Programs 11:411.

Olson, Earl P. and De Graff, Jerome V., 1979. Landslide monitoring techniques applied to

National Forests in the Intermountain Region: Geol. Soc. Amer. Abs. With Programs 11:489.

De Graff, Jerome V., 1980. Landslide evaluation for natural resource management on the

Fishlake National Forest, central Utah: Geol. Soc. Amer. Abs. With Programs 12:271.

De Graff, Jerome V. and Cunningham, Charles G., 1982. Highway‑related landslides in

mountainous volcanic terrain‑‑a case study from west‑central Utah: Geol. Soc. Amer. Abs. With Programs 14:159.

McCaffery, William F. and De Graff, Jerome V., 1983. Observation on a debris avalanche triggered by a rain‑on‑snow event, Sierra Nevada, California: Geol. Soc. Amer. Abs. With Programs 15:387.

De Graff, Jerome V. and Gallegos, Alan J., 1983. Relative dating of glacial deposits on the

Northern Sevier, Fishlake, and UM plateaus, central Utah: Geol. Soc. Amer. Abs. With Programs 15:431.

De Graff, Jerome V., 1983. Isopleth mapping of landslide deposits as a tool in timber sale planning: Assoc. Eng. Geol. Abstracts and Program (26th Ann. Mtg., San Diego, CA), p. 62.

De Graff, Jerome V., 1986. Avoiding interpretation errors when using tree‑ring analysis to date

past landslide movement: Assoc. Eng. Geol. Abstracts and Program (29th Ann. Mtg., San Francisco, CA), p. 48.

De Graff, Jerome V. and Dellavalle, Peter, 1986. Movement and stability analysis of a

storm‑induced debris slide, Sierra Nevada, East‑Central California: Assoc. Eng. Geol.

Abstracts and Program (29th Ann. Mtg., San Francisco, CA), p.48.

De Graff, Jerome V., Bryce, Roderick, Jibson, Randall W., Mora, Sergio, and Rogers, Cassandra T., 1989. Landslides: extent and economic significance in Caribbean: International Geol. Cong. Abstracts, 1:382‑383.

De Graff, Jerome V., 1989. Landslides: a challenge to mountain development:

Assoc. Eng. Geol. Abstracts and Program (32nd Ann. Mtg., Vail, CO), p. 60.

De Graff, Jerome V., 1989. Landslide dams from the November 1988 storm event in southern

Thailand: Geol. Soc. Amer. Abs. With Programs 21:230.

De Graff, Jerome V., 1992. Assessing the reliability of a landslide hazard zonation methodology

for regional development planning: Geol. Soc. Amer. Abs. With Programs 24:165.

De Graff, Jerome V., 1997. Sourgrass debris flow: a 1997 example of a dominant landslide

mechanism in the southern Sierra Nevada: Assoc. Eng. Geol. Abstracts and Program

(40th Ann. Mtg., Portland, OR), p. 95.

Evans, Stephen G. and De Graff, Jerome V., 1997. Landslides of the Millennium: Geol. Soc. Amer. Abs. With Programs 29:A285.

De Graff, Jerome V. and Gallegos, Alan J., 1999. A tale of two landslides: Assoc. Eng. Geol. Program with Abstracts (42nd Ann. Mtg., Salt Lake City, UT), p. 62.

De Graff, Jerome V., 1999. The use of field simulation to improve decision-making with an example from the Sierra Nevada, California: Geol. Soc. Amer. Abs. With Programs 31:A425.

De Graff, Jerome V., 2000. The dilemma of transforming landslide hazard maps into effective policy and regulation: Geol. Soc. Amer. Abs. With Programs 32: A9.

De Graff, Jerome V., 2002. A perspective for achieving improved landslide monitoring: Geol. Soc. Amer. Abs. With Programs 34 (6):47.

King, Allen P., Alan J. Gallegos, and Jerome V. De Graff, 2002. Geologic input to burned area emergency rehab (BAER), a USDA Forest Service approach: Geol. Soc. Amer. Abs. With Programs 34 (6):470.

De Graff, Jerome V. and Alan J. Gallegos. 2004. Mono Hot Springs-monitoring a geothermal resource to ensure proper stewardship: Geol. Soc. Amer. Abs. With Programs 36 (5):414.

De Graff, Jerome V., 2005. Factors influencing debris flow assessment during burned area emergency response investigations: Geol. Soc. Amer. Abs. With Programs 37, (6):39.

De Graff, Jerome V. 2005. Flood impacts on public land associated with failure of water conveyance structures at hydroelectric projects: Geol. Soc. Amer. Abs. With Programs 37, (7):329-330.

De Graff, Jerome V., Gallegos, Alan J., Harp, Edwin L., Reid, Mark E. and Godt, Jonathan W., 2006. The 2006 Ferguson Rockslide incident, Mariposa County, California: communicating science information during the onset of a geohazard: Geol. Soc. Amer. Abs. With Programs 38, (7):155.

De Graff, Jerome V. and Mike Ketscher. 2007. Blasting is not always a good option: AEG News Program with Abstracts (50th Ann. Mtg., Los Angeles, CA), 50:79.

## De Graff, Jerome V., Gallegos, Alan J., Reid, Mark, and LaHusen, Richard, 2007. The reactivated Ferguson Rockslide: Immediate and short-term impacts of a rural landslide: Geol. Soc. Amer. Abs. With Programs, 39 (6):362

De Graff, Jerome V., Gallegos, Alan J., Wagner, David L., DeRose, Margie, Shannon, Casey, Stroh, James M., and Ellsworth, Todd. 2009. The remarkable occurrence of large rainfall-induced debris flows at two different locations in the southern Sierra Nevada, CA on July 12, 2008: Geol. Soc. Amer. Abs. with Programs, 41 (7), CD ISSN 0016-7592.

De Graff, Jerome V. 2009. CERCLA response actions applied to arsenic-contaminated tailings at small abandoned gold mines on national forests in the southern Sierra Nevada, California.: Geol. Soc. Amer. Abs. with Programs, 41 (7), CD ISSN 0016-7592.

Gallegos, Alan J. and De Graff, Jerome V. 2009. Monitoring the Ferguson Rockslide, central California-What we have learned and haven’t learned: Geol. Soc. Amer. Abs. with Programs, 41 (7), CD ISSN 0016-7592.

Cisneros, Miguel and De Graff, Jerome V. 2011. Using the stream-gradient index to evaluate meadow formation in the Sierra Nevada, California: Geol. Soc. Amer. Abs. with Programs, 43 (4):10.

Storesund, Rune, De Graff, Jerome V. and Gorman, Caitlin. 2011. Using terrestrial LiDAR to map underground features at the Causby Hydraulic Pit, central Sierra Nevada, California: AEG News Program with Abstracts (54th Ann. Mtg., Anchorage, AK), 54:

Cisneros, Miguel and De Graff, Jerome V. 2011. What are the factors influencing Holocene formation of some meadows in the central Sierra Nevada, California?: Poster at American Geophysical Union meeting, San Francisco, CA, Dec. 7, 2011.

De Graff, Jerome V. 2012. Providing landslide information for decision-making in regional planning: Understanding Risk Forum, July 2-6, 2012, Cape Town, SA <https://www.understandrisk.org/ur/sites/default/files/files/useruploads/ur2012_landslide_risk_assessments_degraff.pdf>

De Graff, Jerome V. and Takenaka, Kellen 2012. A comparison of watershed response following the 1990 and 2011 wildfires in Merced Canyon near El Portal, California: ­Geol. Soc. Amer. Abs. with Programs, 44(7):603.

Neptune, Chad K. and De Graff, Jerome V. 2012. Evaluating a mineralogical control on arsenic and lead concentrations in California gold mine tailings: Poster at American Geophysical Union meeting, San Francisco, CA, Dec. 3, 2012.

De Graff, Jerome V. and Gallegos, Alan J. 2013. Observations demonstrating the runoff-initiation of the July 12, 2008 Piute wildfire debris flows, Sierra Nevada, California: ­Geol. Soc. Amer. Abs. with Programs, 45(6):24.

De Graff, Jerome V. and Shelderdine, Bill 2013. Uncertainty associated with assessing post-wildfire rockfall hazard to roads: AEG News Program with Abstracts (56th Ann. Mtg., Seatttle, WA), 56:54.

Kubit, Owen, Pluhar, Christopher, De Graff, Jerome, 2013. A model for prioritizing sites and reclamation methods of abandoned mines: AEG News Program with Abstracts (56th Ann. Mtg., Seatttle, WA), 56:68.

De Graff, Jerome V. and Gallegos, Alan J., 2013. Progress in quantifying debris flow risk for post-wildfire emergency response: ­Geol. Soc. Amer. Abs. with Programs, 45(7):53.

Santi, Paul and De Graff, Jerome V., 2013. Timing of landscape recovery after wildfire based on debris-flow parameters: ­Geol. Soc. Amer. Abs. with Programs, 45(7):54.

**Books and Book Chapters**

De Graff, Jerome V. and Romesburg, H. Charles (1980) Regional landslide‑susceptibility assessment for wildlands management: a matrix approach, In Coates, D.R. and Vitek, J. (eds.), Thresholds in Geomorphology, Boston: George Allen & Unwin, p. 401‑414.

Romesburg, H. Charles and De Graff, Jerome V. (1982) Using the normal generated distribution to

analyze spatial and temporal variability in geomorphic processes, In Thorne, C.E. (ed.), Space and Time in Geomorphology, Boston: George Allen & Unwin, p. 315‑325.

De Graff, Jerome V. (1982) An approach for avoiding damage to springs from shock waves

generated during seismic exploration, In Nielson, D.L.( ed.), Overthrust Belt of Utah, Utah Geol. Assoc. Publ. 10, p. 163‑166.

Johnson, Robert B. and De Graff, Jerome V. (1988) Principles of Engineering Geology,

New York: John Wiley & Sons, Inc., 497 p.

De Graff, Jerome V., Bryce, Roderick, Jibson, Randall W., Mora, Sergio, and Rogers, Cassandra T (1989) Landslides: their extent and economic significance in the Caribbean, In Brabb, E.E. and Harrod, B.L. (eds.), Landslides: Extent and Economic Significance (28th International Geol. Congress, Washington, D.C.), Rotterdam: A. A. Balkema, p. 51‑80.

Johnson, Robert B. and De Graff, Jerome V. (1994) Engineering Geology ‑ a Laboratory Manual,

New York: Macmillan Publishing Company, 190 p.; Instructor's Manual: Engineering Geology -A Laboratory Manual, New York: Macmillan Publishing Company, 52 p.

Keaton, Jeffrey R. and De Graff, Jerome V. (1996) Surface observation and geologic mapping, In Turner, A.K. and Schuster, R.L. (eds.), Landslides—Investigation and Mitigation, Transportation Research Board Special Report 247, Washington, D.C.: National Academy Press, p. 178-230.

De Graff, Jerome V. (2001) Sourgrass debris flow: a landslide triggered in the Sierra Nevada by the January 1997 New Year Storm, In Ferriz, H. and Anderson, R. (eds.), Engineering Geology Practice in Northern California, California Div. of Mines and Geology Bulletin 210, p. 69-76.

Evans, Stephen G. and De Graff, Jerome V. (editors) (2002) Catastrophic Landslides, Reviews in Engineering Geology, Vol. 15, Boulder: Geological Society of America, 411 pgs.

De Graff, Jerome V. (2005) Landslide hazards and Federal lands: the United States Department of Agriculture Forest Service experience, In Schwab, J. C., Gori, P. L., and Jeer, S. (eds.), Landslide Hazards and Planning, American Planning Association, Planning Advisory Service Report Number 533/534, p. 154-164.

De Graff, Jerome V. (editor) (2007) Understanding and Responding to Hazardous Substances at Mine Sites in the Western United States, Reviews in Engineering Geology, Vol. 17, Boulder, CO: Geological Society of America, 180 pgs.

De Graff, Jerome V. (2007) Addressing the Toxic Legacy of Abandoned Mines on Public Land in the Western United States, In DeGraff, Jerome V. (ed.), Understanding and Responding to Hazardous Substances at Mine Sites in the Western United States, Reviews in Engineering Geology, Vol. 17, Boulder, CO: Geological Society of America, p. 1-8.

De Graff, Jerome V., Rogow, Michelle and Trainor, Pat (2007) Approaches to contamination at mercury mill sites: examples from California and Idaho, In DeGraff, Jerome V. (ed.), Understanding and Responding to Hazardous Substances at Mine Sites in the Western United States, Reviews in Engineering Geology, Vol. 17, Boulder, CO: Geological Society of America, p. 115-134.

De Graff, Jerome V. and Evans, James E. (editors) (2013) The Challenges of Dam Removal and River Restoration, Reviews in Engineering Geology, Vol. 21, Boulder, CO: Geological Society of America, 203 pgs.

Santi, P., Cannon, S., De Graff, J. (2013) Wildfire and landscape change, In Shroder, J. (Editor in Chief), James, L.A., Harden, C.P., Clague, J.J. (eds.), Treatise on Geomorphology. Academic Press, San Diego, CA, Vol. 13, Geomorphology of Human Disturbances, Climate Change, and Natural Hazards, pp. 262–287.

Wagner, David .L., De Graff, Jerome V. and Lancaster, Jeremy T. (2013) Debris flows in the southern and eastern Sierra Nevada region, California, InPutirka, K. (ed.) Geologic

Excursions from Fresno, California, and the Central Valley: A Tour of California’s Iconic Geology: Geological Society of America Field Guide 32, p. 99–128,

doi:10.1130/2013.0032(06).

**Journal Articles**:

De Graff, Jerome V. (1976) Relict patterned ground, Bear River Range, north‑central Utah:

Utah Geology, Vol. 3, No. 2, pp. 111‑116.

De Graff, Jerome V. (1978) Regional landslide evaluation: two Utah examples: Environmental Geology, Vol. 2, No. 4, pp. 203‑214.

Kolesar, Peter T. and De Graff, Jerome V. (1978) A comparison of silica and Na‑K‑Ca geothermometers for thermal springs in Utah: Geothermics, Vol. 6, pp. 221‑226.

Romesburg, H. C., Marshall, K., De Graff, J. V. and Cannon, K. (1978) EXACTFIT: Computer Program for Exact Chi-square Goodness-of-Fit: Decision Line, Vol. 9, No.1, pp. 6.

De Graff, Jerome V. and Oaks, Robert Q., Jr. (1979) Regolith classification for land management needs: Jour. Soil and Water Conservation, Vol. 34, No. 2, pp. 105‑106.

De Graff, Jerome V. (1979) Initiation of shallow mass movement by vegetative type conversion:

Geology, Vol. 7, pp. 426‑429.

De Graff, Jerome V. (1979) Numerical analysis of cirques in the Bear River Range, north‑central Utah: Modern Geology, Vol. 7, pp. 43‑51.

Romesburg, H. Charles, Marshall, Kim, and De Graff, Jerome V. (1980) NGD‑ a FORTRAN IV program for fitting the normal generated distribution: Behavior Research Methods & Instrumentation, Vol. 12, pp. 385‑386.

De Graff, Jerome V. and Olson, Earl P. (1980) Landslide monitoring techniques for wildlands

management: Journal of Soil and Water Conservation, Vol. 35, No. 5, pp. 341‑342.

De Graff, Jerome V. and Romesburg, H. Charles (1981) Subsidence crack closures:

rate, magnitude, and sequence: Bulletin International Association of Engineering Geology, No. 23, pp. 123‑127.

De Graff, Jerome V. (1981) A stream‑gradient index applied to subhumid montane streams:

Physical Geography, Vol. 2, pp. 174‑183.

De Graff, Jerome V. and Cunningham, Charles G. (1982) Highway‑related landslides in mountainous volcanic terrain: an example from west central Utah: Bulletin of the Association of Engineering Geologists, Vol. 19, No. 4, pp. 319‑325.

De Graff, Jerome V. (1982) Quantitative approaches to assessing landslide hazard to transportation

corridors on a national forest: Transportation Research Record No. 892, pp. 64‑68.

Bateman, Paul C., Kistler, Ronald W., and De Graff, Jerome V. (1984) Field guide to an intrusive contact zone, Courtright Reservoir, Fresno County, California: California Geology, Vol. 37, pp. 91‑98.

De Graff, Jerome V., McKean, James, Watanabe, Pauline E., and McCaffery, William F. (1984)

Landslide activity and groundwater conditions: insights from a road in the central Sierra Nevada, California: Transportation Research Record, No. 965, pp. 32‑37.

De Graff, Jerome V. and Agard, Sherry S. (1984) Defining geologic hazards for natural resources

management using tree‑ring analysis: Environmental Geology and Water Sciences, Vol. 6, No. 4, pp. 147‑155.

De Graff, Jerome V. (1985) Using isopleth maps of landslide deposits as a tool in timber sale planning: Bulletin of the Association of Engineering Geologists, Vol. 22, No. 4, pp. 445‑453.

De Graff, Jerome V. (1987) Using isopleth maps of landslide deposits as a tool in timber sale planning ‑ reply: Bulletin of the Association of Engineering Geologists, Vol. 24, No. 1, pp. 121‑124.

De Graff, Jerome V. and Canuti, Paolo (1988) Using isopleth mapping to evaluate landslide activity in relation to agricultural practices: Bulletin International Association of Engineering Geology, No. 38, pp. 61‑71.

De Graff, Jerome V. (1990) Landslide dams from the November 1988 storm event in southern

Thailand: Landslide News, No. 4, pp. 12‑15.

De Graff, Jerome V. (1991) Determining the significance of landslide activity: examples from

the eastern Caribbean: Caribbean Geography, Vol. 3, pp. 29‑42.

De Graff, Jerome V. (1994) The geomorphology of some debris flows in the southern

Sierra Nevada, California: Geomorphology, Vol. 10, pp. 231‑252.

De Graff, Jerome V. and Rogers, Cassandra T. (2003) An unusual landslide-dam event in Dominica, West Indies: Landslide News, Nos.14/15, pp 8-11.

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