

References

Arvidson, T., Gasch, J., and Goward, S.N. (2001), Landsat 7's Long Term Acquisition Plan: An innovative approach to building a global imagery archive, in press Remote Sensing of the Environment.

Bailey, R.G. 1996. Ecosystem geography. Springer-Verlag, New York. 209 p., illus.

Bailey, R.G. 1995. Descriptions of the ecoregions of the United States. Second edition. U.S. Department of Agriculture, Forest Service. Misc. Publ. 1391.

Bailey, R.G.; Avers, P.E.; King, T.; McNab, W.H., eds. 1994. Ecoregions and subregions of the United States (map). Washington, DC: U.S. Geological Survey. Scale 1:7,500,000; colored. Accompanied by a supplementary table of map unit descriptions compiled and edited by McNab, W.H. and Bailey, R.G. Prepared for the U.S. Department of Agriculture, Forest Service.

Baker, N.T., 1994. Geomorphological understanding of floods. Geomorphology, 10: 139-156.

Baker, V.R., 1996. The pragmatic roots of American quaternary geology and geomorphology. Geomorphology, 16: 197-215.

Benoit, T. and Wilcox, J., 1997. Applying a fluvial geomorphic classification system to watershed restoration.

<http://www.stream.fs.fed.us/streamnt/jul97/july97a1.html>.

Boul, S.F.D. Hole, and R.J. McCracken. 1980. Soil Genesis and classification. Iowa State Univ. Press. Ames. 406 pp.

Bull, W.B., 1990. Stream-terrace genesis: implications for soil development. Geomorphology, 3: 351-367.

Burgan, Robert E. and Hartford, Roberta A. 1993 Monitoring Vegetation Greenness with Satellite Data. USDA Forest Service GTR 297.

Cadwallader, M.T., 1985. Analytic Urban Geography: Spatial Patterns and Theories. Prentice Hall, Inc., Englewood Cliffs, 310 pp.

Campana, K. A. (1994), Use of cloud analyses to validate and improve model diagnostic clouds at NMC. Paper presented at the Joint ECMWF/GEWEX Workshop on Modelling, Validation, and Assimilation of

Clouds, European Centre for Medium-Range Weather Forecasts, Reading, England, Oct. 31-Nov. 4, 1994.

Chorley, R.J., 1962. Geomorphology and general systems theory, USGS Professional Paper 500-B.

Christian, C.S.; Stewart, G.A. 1968. Methodology of integrated surveys. In: Aerial surveys and integrated studies. New York; UNESCO: 233-268.

Eash, D. 1994. A geographic information system procedure to quantify drainage-basin characteristics. Pap. No. 93067 of the Water Res. Bull. U.S. Geol.Surv., Box 1230, Iowa City, Iowa 52244.

ECOMAP. 1993. National hierarchical framework of ecological units. Unpublished administrative paper. Washington, DC: U.S. Department of Agriculture, Forest Service. 20 p.

Emmett, W.W. and Leopold, L.B., 1964. Geometry of river channels. Journal of the Hydraulics Division, Proceedings of the American Society of Civil Engineers, 90(HY5): 277-285.

Daly, C., Neilson, R.P., Phillips, D.L. 1994. A Statistical-Topographic Model for Mapping Climatological Precipitation over Mountainous Terrain. J. Appl. Meteor., 33, 140-158.

Ferguson, R.I., 1973. Channel pattern and sediment type. Area, 5: 38-41.

Flanagan, D.C.; Ascough II, J.C.; Nicks, A.D. Nearing; M.A.; Laflen, J.M. 1995. Overview of the WEPP Erosion Prediction Model. NSERL Report No. 11, USDA-ARS National Soil Erosion Research Laboratory, W. Lafayette, IN. 11 pp.

Flanagan, D.C.; Livingston, S.J. 1995. WEPP User Summary. NSERL Report No. 11, USDA-ARS National Soil Erosion Research Laboratory, W. Lafayette, IN

Ford, G.L., C.L. Maynard, J.A. Nesser, D.S. Page-Dumroese. 1998. Landtype Associations of the Northern Region. General Technical Report RMRS-GTR-2-CD. USDA, Forest Service, Rocky Mountain Res. Sta., Ogden, UT.

Forman, R.T.T. and M. Godron. 1986. Landscape Ecology. John Wiley and Sons, NY. 605 pp.

Gasch, J. and Campana, K. A. (2000), Cloud cover avoidance in space-based remote sensing acquisition. In Algorithms for Multispectral,

Hyperspectral, and Ultraspectral Imagery IV, Sylvia S. Shen, Michael R. Descour, Editors, Proceedings of SPIE Vol. 4049, pp. 336-347.

Gillilan, S., 1996. Use and misuse of channel classification schemes. <http://www.stream.fs.fed.us/streamnt/oct96/oct96a2.htm>.

Goodwin, C.N., 1992. Improving future fluvial classification systems. <http://www.stream.fs.fed.us/streamnt/oct99/oct99a1.htm>.

Goward, S. N., Haskett, J., Williams, D., Arvidson, T., Gasch, J., Lonigro, R., Reeley, M., Irons, J., Dubayah, R., Turner, S., Campana, K., and Bindschadler, R. (1999), Enhanced Landsat capturing all the Earth's land areas. EOS, 80 (26): 289, 293.

Goward, Samuel N.; Markham, Brian; Dye, Dennis G.; Dulaney, Wayne; Yang, Jingli. 1990. Normalized difference vegetation index measurements from the advanced very high resolution radiometer. Remote Sensing Environment. 35: 257-277.

Hey, R.D., 1979. Dynamic process-response model of river channel development. Earth Surface Processes, 4: 59-72.

Hupp, C.R. and Osterkamp, W.R., 1996. Riparian vegetation and fluvial geomorphic processes. Geomorphology, 14: 277-295.

Hunter, Harold E. 1996. Draft MLRU map and descriptions for Montana. U.S. Department of Agriculture, Natural Resources Conservation Service, Bozeman, MT.

Idaho Department of Lands, Bureau of Mines and Geology. 1978. Geologic Map of Idaho, 1:500,000. Moscow, ID.

Kidwell, K.B. 1991. NOAA polar orbiter data users' guide: National Oceanic and Atmospheric Administration, World Weather Building, Room 100, Washington, DC 20233. 192 p.

Kittel, T.G.F., et. al. 1997. A Gridded Historical (1895-1993) Bioclimate Dataset for the Conterminous United States, 10th Conf. On Applied Climatology. Reno, NV. Amer. Meteor. Soc., 219-222.

Knighton, A.D., 1998. Fluvial Forms And Processes: A New Perspective. John Wiley and Sons, New York, 383 pp.

Kuchler, A.W. 1964. Potential natural vegetation of the conterminous United States. Spec. Publ. 36 [including colored folding map, scale 1:3,168,000]. New York: American Geographical Society. 116 p.

Love, J.D.; Christiansen, A.C. 1985. Geologic Map of Wyoming, 1:500,000. U.S. Geologic Survey in cooperation with the Geologic Survey of Wyoming.

Loveland, Thomas R.; Merchant, James W.; Ohlen, Donald O.; Brown, Jessyln F. 1991. Development of a land-cover characteristics database for the conterminous U.S. Photogrammetric Engineering and Remote Sensing.

McNab, W.H.; Avers, P.E., comps. 1994. Ecological subregions of the United States: Section descriptions. Admin. Publ. WO-WSA-5. Washington, DC: USDA, Forest Service. 267 p.

Miller, J.P., 1958. High mountain streams: effects of geology on channel characteristics and bed material. New Mexico Bureau of Mines Memoir 4.

Miller, T.K., 1984. A system model of stream-channel shape and size. GSA Bulletin, 95: 237-241.

Miller, J.R. and Ritter, J.B., 1996. An examination of the Rosgen classification of natural rivers. Catena, 27: 295-299.

Montagne, C.; Munn, L.C.; Nielsen, G.A.; Roger, J.W.; Hunter, H.E. 1982. Soils of Montana (including 1:1,000,000 General Soils Map). Bulletin 744. Montana Agricultural Experiment Station and U.S. Department of Agriculture, Soil Conservation Service, Bozeman, MT.

Natural Resources Conservation Service. November 1998. SSURGO soil survey geographic database, Gallatin County area, Montana. USDA, Bozeman Montana.

Nesser, J.A.; Ford, G.L.; Maynard, C.L.; Page-Dumroese, D.S. 1997. Ecological units of the Northern Region: Subsections. General Technical Report INT-GTR-369. USDA, Forest Service, Intermountain Res. Sta., Ogden, UT. 88 p.

Omernik, J.M. 1987. Ecoregions of conterminous United States. Annals of the Association of American Geographers. 77(1): 118-125.

Parzybok, T.; W. Gibson, C. Daly, and G. Taylor. 1997. Quality Assurance of Climatological Data for the VEMAP Project, 10th Conf. On Applied Climatology, Reno, NV, Amer. Meteor. Soc., 215-216.

Ross, C.P.; Andrews, D.A.; Witkind, I.J. 1955. Geologic Map of Montana, 1:500,000, U.S. Geologic Survey.

Ross, R.L.; Hunter, H.E. 1976. Climax vegetation of Montana based on soils and climate (includes 1:1,000,000 map). U.S. Department of Agriculture, Soil Conservation Service, Bozeman, MT.

Rosgen, D.L., 1985. A Stream Classification System, USDA Forest Service General Technical Report, RM 120.

Rosgen, D.L., 1994. A classification of natural rivers. Catena, 22: 169-199.

Rossow, W. B., Walker, A. W., Beuschel, D. E., and Roiter, M. D. (1996), International Satellite Cloud Climatology Project (ISCCP) Documentation of New Cloud Datasets, WMO/TD-No. 737, 115 pp., World Meteorol. Organ., Geneva, Switzerland, 1996

Scheidegger, A.E. and Langbein, W.B., 1966. Probability concepts in geomorphology. USGS Professional Paper 500-C.

Schumm, S.A., 1969. River metamorphosis. Journal of the Hydraulics Division, Proceedings of the American Society of Civil Engineers, 95(HY1): 255-273.

Schumm, S.A., 1971. Fluvial geomorphology: the historical perspective. In: H.W. Shen (Editor), River Mechanics, Volume I. H.W.Shen, Fort Collins, pp. 4.1-4.30.

Schumm, S.A., 1977. The Fluvial System. John Wiley & Sons, New York.

Shovic, H.F.; Urie, W.A. 2001. Greater Yellowstone Area Landscapes and Soils: Final Report on the Greater Yellowstone Landscape Model (Landtype Level). Gallatin National Forest, Box 130, Bozeman MT.

Soil Survey Staff. 1975. Soil Taxonomy: A basic system of soil classification for making and interpreting soil surveys. Soil Conserv. Serv. USDA Handbook 436, WA., D.C., 754 pp., illus.

Soil Survey Staff. 1993. Soil Survey manual. USDA, USGPO, WA. DC. 438 pp.

Soil Survey Staff. 1998. Keys to soil taxonomy, Eighth edition. USDA, USGPO, WA, DC. 326 pp.

Soil Survey Staff. 1993. Soil survey handbook. USDA, USGPO. WA, DC. 1000 pp.

Strahler, A.N., 1952. Dynamic basis of geomorphology. GSA Bulletin, 63: 923-938.

Taylor, G., C. Daly, W. Gibson, and J. Sibul-Weisburg. 1997. Digital and Map Products Produced Using PRISM. 10th Conf. On Applied Climatology. Reno, NV, Amer. Meteor. Soc., 217-218.

Taylor, G.H., Daly, C. and Gibson, W.P. 1995. Development of a Model for Use in Estimating the Spatial Distribution of Precipitation. 9th Conf. On Applied Climatology. Dallas, TX. Amer. Meteor. Soc., 92-93.

Trofimov, A.M. and Phillips, J.D., 1992. Theoretical and methodological premises of geomorphological forecasting. Geomorphology, 5: 203-211.

U.S. Department of Agriculture. 1994. Soil Climate Regimes of the United States. Soil Conservation Service, National Soil Survey Center, Lincoln, NE. 22 pp.

U.S. Department of Agriculture. 1981. Land resource regions and major land resource areas of the United States. Agriculture Handbook 296. U.S. Government Printing Office. Washington, D.C.

U.S. Department of Agriculture, Forest Service. 1976. Land system inventory guide. Missoula, MT. Northern Region.

U.S. Department of Interior, U.S. Geologic Survey. 1998. Final Report of Montana Gap Analysis Project. Wildlife Spatial Analysis Lab., Montana Cooperative Wildlife Research Unit, and the University of Montana. CDROM produced by the National Gap Analysis Office, Moscow, ID.

Veseth, Roger; Montagne, Clifford. 1980. Geologic parent materials of Montana soils. Bulletin 721. Montana Agricultural Experiment Station and U.S. Department of Agriculture, Soil Conservation Service, Bozeman, MT.

Wertz, W.A.; Arnold, J.A. 1972. Land systems inventory. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Region.

Wischmeier, W.H. and D.D. Smith. 1978. Predicting rainfall erosion losses-a guide to conservation planning. Agr. Handbook No. 537. Dept. of Agr., Washington, D.C., 58 pp.