

STATE OF OREGON  
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
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Portland, Oregon 97201

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BIBLIOGRAPHY OF LANDSLIDE DEPOSITS FOR THE STATE OF OREGON

by

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#### NOTICE

The Oregon Department of Geology and Mineral Industries is publishing this paper because the subject matter is consistent with the mission of the department.

To facilitate timely distribution of information, this paper has not been edited to our usual standards.

## INTRODUCTION

This bibliography contains approximately 300 entries and was prepared under Subcontract OC:75-1(2-9540-03302) by the Oregon Department of Geology and Mineral Industries for the U.S. Geological Survey (USGS), Menlo Park, California. A similar bibliography has been recently completed by the Washington State Department of Natural Resources (1982).

The main functions of this bibliography are (1) to serve as a research tool for later work in Oregon, and (2) to serve as part of the data base for the State of Oregon.

The listings and annotations were derived from thorough searches of the following sources:

- (a) Bibliographies of the geology and mineral resources of Oregon.

The original Bibliography of the Geology and Mineral Resources of Oregon was compiled by R. C. Treasher and E. T. Hodge and published in 1936 by the Oregon State Planning Board. Since then, the Oregon Department of Geology and Mineral Industries has been updating this compilation periodically in its Bulletin series. Bulletin 102 is the seventh and most recent of such supplements. The bibliographies, their compilers, and the periods covered are listed below:

- Supplement 1 (J. E. Allen, 1947), 1936-1945: Bulletin 33
- Supplement 2 (M. L. Steere, 1953), 1946-1950: Bulletin 44
- Supplement 3 (M. L. Steere and L. F. Owen, 1962), 1951-1955:  
Bulletin 53
- Supplement 4 (M. Roberts, 1970), 1956-1960: Bulletin 67

Supplement 5 (M. Roberts, M. L. Steere, and C. S. Brookhyser,  
1973), 1961-1970: Bulletin 78

Supplement 6 (C. P. R. Hulick and A. Bricker, 1978), 1971-1975:  
Bulletin 97

Supplement 7 (D. Burnetti and K. K. E. Neuendorf, 1981),  
1976-1979: Bulletin 102.

- (b) Bibliographies of selected environmental geology and geologic hazards studies completed by the Oregon Department of Geology and Mineral Industries.
- (c) Bibliographies of published and unpublished articles, reports, and theses dealing with the geologic, engineering, and forestry-related aspects of landslides in Oregon. The assistance and cooperation of the following individuals in this regard is gratefully acknowledged: Larry Rich, U.S. Forest Service (USFS) Regional Office, Portland; Kathy Geyer, Mount Hood National Forest, Gresham; Bill Hicks, Rogue River National Forest, Medford; Doug Williamson, Willamette National Forest, Eugene; George Bush, Siuslaw National Forest, Corvallis; Fred Swanson, Pacific Northwest Forest and Range Experiment Station, Corvallis; Jim Brown, Oregon State Department of Forestry, Salem; Lee Schroeder, Oregon State University Department of Civil Engineering, Corvallis; Marvin Pyles, Oregon State University Department of Forest Engineering, Corvallis; Len Palmer, Portland State University Department of Earth Sciences, Portland. It should be noted that under a separate effort during the summer of 1982 the USGS assembled a reasonably

complete file on more detailed USFS information on landslides in specific Forest jurisdictions (Earl Brabb, USGS, Menlo Park, Calif., personal communication, 1982). Therefore, only the more readily available information and references have been included as part of this bibliography.

- (d) The Bibliography of Landslide Deposits for the State of Washington (1982).

Only a few selected published geologic maps and graduate theses have been included in this bibliography. A complete listing and index of published geologic mapping in Oregon is available (Schumacher, 1981, Index to Published Geologic Mapping in Oregon, 1898-1979). Also, a complete bibliography and index of theses and dissertations on the geology of Oregon is now in press (Neuendorf and others, 1982, Theses and Dissertations on the Geology of Oregon: Bibliography and Index, 1899-1982). Both of these sources which are available from the Oregon Department of Geology and Mineral Industries should be consulted for geologic maps that may indicate landslide deposits in specific areas.

#### BIBLIOGRAPHIC FORMAT

The bibliographic entries are presented in two separate listings. The first is an alphabetical listing by author of all entries. The second is a listing of those sources which have been published by the Oregon Department of Geology and Mineral Industries. Key words and brief annotations follow the main body of the bibliographic entry and are enclosed in parentheses (). An asterisk (\*) denotes entries that were published by the Oregon Department

of Geology and Mineral Industries. Key words are generally developed directly from the title and publisher information, as well as from subject-indexing and GeoRef entries in the various Bibliographies of the Geology and Mineral Resources of Oregon. Only a limited perusal of each actual reference was possible. More complete annotations are from the Bibliography of Landslide Deposits for the State of Washington and refer to references common to both states. A list of major key words follows:

#### Key Words

Classification, coastal, creep, debris avalanche, debris flow, deforestation, earthflow, engineering geology, environmental geology, erosion, faults, forestry, geologic hazards, geomorphology, guidebook (field trip), inventory (of landslide deposits), landslides, land use, localities (specific landslides), mass movement, mitigation, mudflow, regional study, rock mechanics, rock slopes, sedimentation, shoreline changes, slope stability, soil erosion, soil mechanics, soils, soils-surveys, streambank erosion, surficial geology, topography.

#### ACKNOWLEDGMENTS

The Oregon Department of Geology and Mineral Industries wishes to thank Debbie Reed of Shannon and Wilson, Inc., Portland, Oregon, for typing the bibliography.

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