

Bulletin 45

**Bibliography and
Index of
Colorado Geology
1975—1980**

**by
American
Geological
Institute**



Colorado Geological Survey
Department of Natural Resources
Denver, Colorado / 1983

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PREFACE

In recognition of the continuing need for basic geologic information, the Colorado Geological Survey is pleased to release Bulletin 45, the first 5-year supplement to the comprehensive Bibliography and Index of Colorado Geology, 1875 to 1975 (Bulletin 37). This supplement was compiled under the direction of John G. Mulvihill, utilizing the GeoRef Information System, the computerized bibliographic data base of the American Geological Institute, Falls Church, Virginia. In addition to GeoRef, the Colorado Geological Survey contributed approximately 600 citations from both recent and older federal and state government reports, graduate theses, journal articles, and a number of declassified AEC/USGS uranium investigations. Publication of this cooperative effort between AGI and the Colorado Geological Survey gives Colorado what is probably the nation's most complete and up-to-date computerized and hard copy statewide index of geological literature.

The current volume contains 3,756 citations to literature published from 1975 through 1980, including some published before 1975 but inadvertently omitted from the original volume. The bibliographic materials in this document are now included in GeoRef's magnetic-tape file and are available through normal lease and purchase programs and through contracts for bibliographic search. Prospective users of this computerized service, which should now be complete for Colorado, should contact the American Geological Institute.

Special mention should be made of the excellent contribution made by Stephen Schwochow of the Colorado Geological Survey staff to this undertaking. Mr. Schwochow has checked and edited much of the work, supplied many previously uncatalogued references, and has been the principal working contact with AGI.

Several changes in the supplement's indexing format should facilitate the reader's search for particular references. First, the separate subject, county, and rock unit indexes that appeared in Bulletin 37 are now consolidated into a single subject-geographic index. However, subheadings have been added only to the geographic (county) entries and not to the rock units. The reader also will see somewhat fewer subheadings under the broader subject main headings. Another change that should hasten finding an article under a particular subject heading is the addition of the article title to the abridged author-date citation. Lastly, the serials and abbreviations list that follows the index cites the International Standard Serial Number (ISSN) and CODEN identification for many of the periodicals and government documents.

Although considerable effort was made to insure accuracy, completeness, and consistency of the citations, readers may note some errors and omissions. The Colorado Geological Survey assumes no responsibility for these oversights but encourages readers to submit to us any corrections or omitted pre-1981 references for addition to future supplements.

We hope that Bulletin 45 and its companion volume, Bulletin 37, will serve as useful working documents in the professional geologist's library as well as informative references for personal, industrial, and academic research use.

John W. Rold
Director and State Geologist

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- Invertebrata—Ecology**
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- Stable isotopes:** Bethke, P. M. 1979. Environment of ore deposition in the Creede mining district, San Juan Mountains, Colorado; Part IV, Sources of fluids from oxygen, hydrogen, and carbon isotopic studies
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- C-13/C-12:** Reitsemma, R. H. 1980. Dolomite and nahcolite formation in organic rich sediments; isotopically heavy carbonates
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- Ratios:** Hardy, E. P. 1980. Time pattern of off-site plutonium deposition from Rocky Flats Plant by lake sediment analyses
- Isotopes—Soils**
- Analysis:** Moore, H. E. 1976. ²¹⁰Pb fluxes determined from ²¹⁰Pb and ²²⁶Ra soil profiles
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- Ra-226:** Cadigan, R. A. 1975. Radioactive mineral springs in Delta County, Colorado

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