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COLORADO STATE UNIVERSITY
FORT COLLINS, COLORADO

RESEARCH REPORTS, PAPERS, BULLETINS
AND THESES

1948 through 1963



CIVIL ENGINEERING SECTION

Colorado State University
Fort Collins, Colorado

December 1963

CER63RAS71

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AND THESES**

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ABBREVIATIONS USED IN THIS CATALOG

AMS	American Meteorological Society
AS	Atmospheric Science
ASMP	Atmospheric Science Miscellaneous Papers
ASTP	Atmospheric Science Technical Papers
ASRR	Atmospheric Science Research Report
ARS	Agricultural Research Service
SCS	Soil Conservation Service
ASAE	American Society of Agricultural Engineers
ASEE	American Society for Engineering Education
ASME	American Society of Mechanical Engineers

INTRODUCTION

This is a catalog of works of the Civil Engineering Research Staff and students from 1948-1963, including U.S. Government cooperators stationed in the University facilities. In addition, reports from staff of other departments are included if the works are published in any of the following forms:

- A. Reports for Sponsored Projects;
- B. Papers - Published or Presented, (excluding Discussions and Closures);
- C. Discussions and Closures;
- D. Unpublished Papers;
- E. Bulletins and Circulars;
- F. Theses, Masters Reports, and Dissertations;
- G. CSU Engineering and Technical Series Papers;
- H. Research Reports;
- I. Technical Papers; and
Author Index.

All publications prior to 1957 are out of print. Publications from 1957 to date marked with * are available, and publications marked with # are available on loan basis only. Available publications may be obtained, either free or for a nominal charge, by writing to the Chief, Civil Engineering, Colorado State University. Theses and dissertations are available on interlibrary loan by communication addressed to Director of Libraries, Colorado State University.

SECTION "A"

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3. Hydraulic Model Tests of Rihand Dam, by M. L. Albertson and Sol Resnick, Edited by International Engineering Company, Inc., for United Provinces, India, Public Works Department, Irrigation Branch, April 1950. CER47-52SDR5.
4. Laminar Heat Convection in Pipes and Ducts, by C. S. Yih, and J. E. Cermak. Prepared for the Office of Naval Research under Contract No. N9 onr 82401, Report No. 5, September 1951. CER47-52CSY8.#
5. A Comparative Study of Momentum Transfer, Heat Transfer, and Vapor Transfer, Part I, Forced Convection, Laminar Case, by C. S. Yih. Prepared for Office of Naval Research under Contract No. N9 onr 82401, Report No. 1. September 1950. CER47-52CSY10.#
6. Calibration of Armco Metergates Model No. 101, by S. D. Resnick. Prepared for Armco Drainage and Metal Products, Inc., Hardesty Division, Denver, Colorado. January 1951. CER47-52SDR11.
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13. Effect of Well Screens on Flow into Wells, by Carl Rohwer, Jack S. Petersen and M. L. Albertson. Prepared under direction of the Division of Irrigation and Water Conservation Soil Conservation Service, January 22, 1952. #
14. Study of Seepage Losses from Irrigation Channels - 1951, by A. R. Robinson and Carl Rohwer. Prepared under the direction of the Division Of Irrigation and Engineering and Water Conservation, Soil Conservation Service. Progress Report. April 1952. CER47-52ARR41.
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30. Development of a Basin for Investigation of the Seaworthiness of Model Seaplane Hulls, by E. F. Schulz. Prepared for the Bureau of Aeronautics, Navy Dep't. under Contract No. Noas 52-1077-c. March 1954.
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50. Report on Sediment Lining Investigations, Fiscal Year 1956, by R. D. Dirmeyer, Jr. Prepared for the U.S. Bureau of Reclamation, Region No. VII, under Contract 14-06-700-1157. August 1956.
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57. Backwater Effects of Piers and Abutments, by H. K. Liu, J. N. Bradley and E. J. Plate. Prepared in cooperation with the U.S. Department of Commerce, Bureau of Public Roads, under Contract No. CPR 11-3293 October 1957.
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58. Preliminary Model Tests of a Flume for Measuring Discharge of Steep Ephemeral Streams, by A. R. Chamberlain. Prepared for Rocky Mountain Forest and Range Experiment Station. February 1957.
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61. Description of Facilities for Seaworthiness Testing of Model Hulls at Colorado State University, by E. F. Schulz. (Internal Report). August 1957. CER57EFS15. *
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63. Theory and Design of Stable Channels in Alluvial Materials, by Daryl B. Simons. Dissertation and Report prepared for the U.S. Bureau of Reclamation, under Contract No. 63052. May 1957. CER57DBS17.
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65. Report on Laboratory Testing of the Sediment-Sealing Method, Part I, Sealing Effects of Dispersed and Flocculated Bentonite Suspensions in a Dune Sand, by E. C. Newman. Prepared for the U.S. Bureau of Reclamation under Contract No. 14-06-700-1157. August 1957. CER57ECN19.
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