

Addendum to “Impacts of Non-Federal Reservoirs and Land Terracing on Basin Water Supplies” Final Report

The purpose of this document is to provide background information for the Final Report, including how to reference the report, location of background documents and listing of authors & staff, study cooperators and Republican River Compact Administration commissioners & staff.

Suggested Reference for “Conservation Committee Report”

Guenther, R. Scott, James Koelliker and Derrel Martin, 2014. Impacts of Non-Federal Reservoirs and Land Terracing on Basin Water Supplies. Final report, July 2014, 159 p. U.S. Bureau of Reclamation, Great Plains Regional Office, P.O. Box 36900, Billings, MT 59107-6900.

Background Documents for the Final Report

The Final Report along with the following reference documents and backup data are posted on the website of the Republican River Compact Administration: www.republicanrivercompact.org.

- Plan of Study (Plan Proposal) dated April 28, 2004 including the following appendices:
 - A. Republican River Compact Settlement Conservation Committee Members
 - B. List of Previous Studies Reviewed
 - C. Universities Joint Research Project Proposal
 - Modeling and Field Experimentation to Determine Effects of Terracing and Nonfederal Reservoirs on Water Supplies in the Republican River Basin above Hardy, Nebraska.
 - D. Reservoir Surface Area and Water Level Monitoring
 - E. Available Data
 - F. Inventory Program for Representative Sample of Land Terraces
 - G. Methodology for Assessing Area-Capacity Relationship for Non-Federal Reservoirs
 - H. Study Timeline
 - I. Cooperative Agreements
 - 11. Draft Cooperative Agreement with University of Nebraska – Lincoln
 - 12. Draft Cooperative Agreement with Kansas State University
- RRCA approval of Study proposals and modifications, Memorandum of Understanding (MOU) July 2004
- Final approved contracts with Kansas State University and University of Nebraska
- V2 Water Budget Simulation Model User’s Manual by J.K. Koelliker
- 2004 Republican River Compact Administration annual report – Study Approval by RRCA

Author Contact Information

R. Scott Guenther (Principal Investigator and corresponding author)
Hydraulic Engineer, Hydrology and Water Operations Group

Great Plains Region, Bureau of Reclamation
Billings, Montana 59107-6900
<http://www.usbr.gov/research/projects/researcher.cfm?id=149>

James Koelliker
Professor Emeritus, Biological and Agricultural Engineering Department
Kansas State University
<http://www.bae.ksu.edu/people/faculty/koelliker.html>

Derrel Martin
Professor, Department of Biological Systems Engineering
University of Nebraska-Lincoln
<https://bse.unl.edu/dmartin2>

Project Staff Acknowledgement

Kansas State University Personnel

James K. Koelliker, Ph.D., Professor Emeritus
Philip L. Barnes, Ph.D., Associate Professor
Ravikumar Belaganakuppe, Ph.D., Graduate Research Assistant
Biological and Agricultural Engineering Department
Seaton Hall
Kansas State University
Manhattan, KS 66506

University of Nebraska Personnel

Dr. Derrel Martin, Professor
Dr. Dean Eisenhauer, Professor
Alan Boldt, Research Engineer
Jim Miller, Research Associate
Tyler Smith, Graduate Student
Brian Twombly, Graduate Student
Travis Yonts, Graduate Student

Department of Biological Systems Engineering
Chase Hall
University of Nebraska-Lincoln
Lincoln, NE 68583-0726

Dr. Ayse Kilic, Associate Professor
School of Natural Resources
University of Nebraska-Lincoln
Lincoln NE 68583-0973

Farmer Cooperators in Nebraska and Kansas

Ron Hoyt, Culbertson, NE
Brian Lubeck, Stamford, NE
John Scharf, Curtis, NE
Dan Foster, K-State, Colby, KS
Tim Schulze, Norton, KS

Republican River Compact Administration (June 2014)

For Colorado:

Commissioner
Dick Wolfe, State Engineer
1313 Sherman Street
Denver, Colorado 80203

Engineering Committee Representative
Ivan Franco, Water Resources Engineer
1313 Sherman Street
Denver, Colorado 80203

For Kansas:

Commissioner
David W. Barfield, Chief Engineer
1320 Research Park Drive
Manhattan, Kansas 66502

Engineering Committee Representative
Chris Beightel, Engineer
1320 Research Park Drive
Manhattan, Kansas 66502

For Nebraska:

Commissioner
Brian P. Dunnigan, Director
Nebraska Department of Natural Resources
301 Centennial Mall South, 4th Floor
Lincoln, Nebraska 68509

Engineering Committee Representative
Jim Schneider, Assistant Director
Nebraska Department of Natural Resources
301 Centennial Mall South, 4th Floor
Lincoln, Nebraska 68509