



USCID Fort Collins Conference — September 28 - October 1, 2010

MANUSCRIPT CHECKLIST

This manuscript checklist confirms the author’s intention to prepare a paper for the Conference Proceedings and that the author or a co-author will attend the Conference and present the paper. Papers will not be published in the Proceedings unless the manuscript checklist has been completed and returned to USCID.

This Checklist is to be completed by the Senior Author and returned immediately to:

USCID
1616 Seventeenth Street, #483
Denver, CO 80202 U.S.A.

Fax: 303-628-5431; E-mail: stephens@uscid.org

- I understand that my manuscript will be published in a proceedings copyrighted by USCID, and that USCID reserves first publication rights. (USCID recognizes that Federal Government agencies reserve copyrights for papers prepared by Federal Government employees, as part of their official duties.)
- I understand and will meet the **April 2, 2010**, deadline for submission of the draft manuscript to USCID.
- I understand and will meet the **July 15, 2010**, deadline for submission of the final manuscript to USCID.
- I have a copy of the **Guidelines for Preparing USCID Draft and Final Manuscripts**, and will have my paper prepared accordingly.

Paper Title _____

Senior Author Name and Affiliation _____

Co-Author Name(s) and Affiliation(s) _____

Signature _____ Date _____

Print or Type Name _____



GUIDELINES FOR PREPARING USCID DRAFT AND FINAL MANUSCRIPTS

All papers accepted for the Conference will be published electronically and distributed to Conference Participants in Sacramento. A book including abstracts of each paper will also be printed and distributed in Fort Collins.

Please prepare your paper in Microsoft Word; use the attached sample as a guide for the first page. Please do NOT use Word headers or footers for footnotes, file names, etc. USCID will use footers to paginate the final proceedings. USCID will not proof/edit manuscripts.

Instructions for submitting your **draft** and **final** versions are found at the end of these Guidelines.

FORMATTING INSTRUCTIONS

Paper Size: letter size paper (8 1/2 by 11 inches)

Margins: Top and bottom: 1.0 inches; left and right: 1.25 inches. **All** text, figures, tables and photographs **must** fit within these margins. Please reduce illustrations as needed to fit.

Font: 12 point Times New Roman for text, paper title, captions and headings. For footnotes use 10 point Times New Roman.

Align Left. Do not indent first line of paragraphs; do not justify the right margin.

Single spacing with one blank line between paragraphs.

Length: Papers should be 10 to 15 pages, including tables and figures.

Pagination: Do **not** use page numbers, as USCID will paginate the proceedings.

EXTENDED INSTRUCTIONS

Paper Title/Author Block: The title (please limit the title to 12 words) should be in all caps, bold and single spaced, 12 point Times New Roman. Place one blank line following the paper title before listing the authors. For one to five authors, center author's names, one name per line. For six or more authors type them flush left and flush right. For an odd number of authors, center the last author under the others. Place one blank line after authors' names, before the Abstract. Please see sample page for example. Use of professional titles is optional.

Author Information — a **footnote** reference stating present position, employer, address and e-mail should appear on the bottom of the first page for each author. Use the Word footnote function — go to Insert, then **Reference and Footnote**.

Abstract — Paper should begin with an Abstract of no more than **250 words**. Use first degree heading **ABSTRACT**. The Abstract should reflect the information actually included in the paper; this is not necessarily the abstract submitted in response to the Call for Papers. The Abstract should not include figures, tables or photographs. Please do not exceed the 250 word limit for the abstract to ensure that your abstract will fit on one page in the abstracts book.

Footnotes — A solid line separating footnotes from text should extend two inches (50 mm) from left margin.

Headers and Footers — Do not use the Word headers and footers, as these are reserved for paginating the proceedings. As noted above, author information should be provided in **footnotes**, not footers.

References —The References section should immediately follow the text, rather than beginning on a new page. Use the first degree heading **REFERENCES**. References should be listed alphabetically by last name of the first author. Please do not indent reference text; double space between citations.

Units — Authors may select either SI or English system of units. Conversion to the other system is **not** recommended.

HEADINGS

Following are the formats of the three levels of headings. Note: **headings should not be numbered.**

FIRST DEGREE HEADING

Second Degree Heading

Text begins here . . .

Third Degree Heading Text begins here . . .

First Degree Headings should be in all capital letters, **bold**, centered. One blank line before and after heading. (Suggested First Degree Headings are: Abstract, Introduction, two or three major technical sections, Summary and References.)

Second Degree Headings have initial caps (title case), begin at left margin, **bold** and underlined. One blank line before and after heading.

Third Degree Headings begin at left margin, with initial caps, underlined (not bold), begin text on same line (one blank line before the heading).

FIGURES, TABLES AND EQUATIONS

Figures and Photographs — All figures should be electronic images inserted into the document. Please do not wrap text around the figures. Figures should appear within the main text as soon after the initial reference as possible. Figures and photographs may be color. **All figures must fit within the same margins as the text.** Place the caption (12 point Times New Roman) below the illustration, centered, as follows:

Figure 4. Effect of Rainfall Intensity on Friction Factor

Tables — Should appear within the main text as soon after the initial reference as possible. **All tables must fit within the same margins as the text.** Place the caption (12 point Times New Roman) above the table, centered, as follows:

Table 4. Rainfall Intensity

Equations — Place one blank line between text and equation, and center equation on page. Number equations consecutively. Equation number should be in parentheses and flush right (ending at right margin).

SUBMITTING YOUR PAPER

DRAFT — By no later than **April 2, 2010**, send by **e-mail** to stephens@uscid.org, for forwarding to the Session Moderators for review. The reviewers will send comments directly to you by e-mail.

FINAL — By no later than **July 15, 2010**, send your final manuscript as a Word .doc AND as a .pdf by e-mail to stephens@uscid.org. Having the .pdf version of your paper helps us ensure that your paper appears in the Proceedings as you intended.

Larry D. Stephens
USCID
1616 Seventeenth Street, #483
Denver, CO 80202 U.S.A.

Phone: 303-628-5430
Fax: 303-628-5431
E-mail: stephens@uscid.org

OAKDALE IRRIGATION DISTRICT WATER RESOURCES PLAN — A CALIFORNIA WATER MANAGEMENT CASE STUDY

Steven R. Knell, P.E.¹
Gregory W. Eldridge, P.E.²

ABSTRACT

In response to a range of internal and external drivers and the need to protect the district's pre-1914 water rights, Oakdale Irrigation District (OID) developed a long-term Water Resources Plan (WRP). The 100-year-old irrigation district provides irrigation and domestic water service to over 55,000 acres in California's San Joaquin Valley.

The study effort created a strategic roadmap for the implementation of a \$170 million capital program focused on protecting OID's water rights while meeting the changing needs of its constituency and serving the region. The second phase included programmatic environmental documentation, which is being followed by design and construction of facility improvements.

This multi-disciplined effort included detailed land use modeling, water balance modeling, on-farm surveys, a comprehensive infrastructure assessment, and the development of a phased infrastructure plan to rehabilitate and modernize an out-of-date system. The approach also integrated water right evaluations, groundwater studies, development and evaluation of program alternatives, financial analyses, environmental compliance, and public outreach.

Key benefits resulting from WRP implementation include protecting the district's water rights, increasing reliability during droughts, and modernizing a century-old system to meet the needs of its current and future customer base. Implementation includes a balanced effort of water transfers and expansion of service into OID's sphere of influence while keeping water rates affordable. OID's infrastructure will be rebuilt, modernized, and expanded, and customer service and water use efficiency will be enhanced.

INTRODUCTION AND BACKGROUND

Purpose and Scope of the Water Resources Plan

Oakdale Irrigation District (OID) is a nonprofit, local public agency that operates as a political entity of the State under the California Water Code. This is the district's mission:

¹ General Manager, Oakdale Irrigation District, 1205 East F Street, Oakdale, CA, 95361; srknell@oakdaleirrigation.com

² Vice President, CH2M HILL, 2485 Natomas Park Drive, Suite 600, Sacramento, CA, 95833; geldridg@ch2m.com