



USCID Sacramento Conference — October 24-27, 2017

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 register for 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 Papers will not be published in the Proceedings unless the manuscript checklist has been completed and returned to USCID.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 **June 16, 2017**, deadline for submission of the draft manuscript to USCID.

I understand and will meet the **September 1, 2017**, deadline for submission of the final manuscript to USCID. Or I will present my paper during the Conference, but will not provide a manuscript for the Proceedings.

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 Sacramento.

To help you format your paper properly, to ensure uniformity among papers, and to reduce processing time by USCID, please download the template and sample document from <http://www.uscid.org/SacramentoTemplate.doc>. The template carries the appropriate margins, Word styles for headings and text, and headers and footers. You can type directly into the template, cut and paste into it, and insert material. Simply delete template material you do not want to use. You may also refer to the instructions found below.

Please prepare your draft **AND** final papers using the template and the following **Instructions**. Please do NOT use Word headers or footers for footnotes, file names, etc. USCID will use the headers and 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.

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

Spacing: Single spacing with one blank line between paragraphs. Use 0 pt spacing before and after 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. Center author's names, one name per line, single spaced. Place one blank line after authors' names, before the Abstract. Use of professional titles is optional.

Author Information: a **footnote** reference stating affiliation, 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**, then **Footnote**.

Abstract: Paper should begin with an Abstract of no more than **250 words**. Use Heading 1: **ABSTRACT**. The abstract will be included in a separate printed book of abstracts, so include your major findings in a useful and concise manner. The abstract should be no more than 250 words long. It must fit entirely on the first page of the paper. The Abstract should not include figures, tables or photographs. It must fit entirely on the first page of the paper.

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 Heading 1 **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.**

HEADING 1 STYLE

Heading 2

Text begins here . . .

Heading 3. Text begins here . . .

Heading 1 Style should be in all capital letters, **bold**, centered. One blank line before and after heading. (Suggested use of Heading 1: Abstract, Introduction, two or three major technical sections, Conclusions and References.)

Heading 2 style should have initial caps (title case), begin at left margin, **bold** and underlined. One blank line before and after heading.

Heading 3 should begin at left margin, with initial caps, underlined (not bold), followed by a period. Begin text on the same line (one blank line before the heading).

FIGURES, TABLES AND EQUATIONS

Figures and Photographs: Figures should appear within the main text as soon after the initial reference as possible. Please do not wrap text around the figures. 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). Use Normal Style or Microsoft's Equation Editor for equations; choose symbols from the Symbol or Times New Roman, Latin, or Greek sets.

SUBMITTING YOUR PAPER

DRAFT — By no later than **June 16, 2017**, send the Word .doc or .docx 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 — If you choose to have your paper in the Conference Proceedings, by no later than **September 1, 2017**, send your final manuscript as a Word .doc **AND** as a .pdf to Larry Stephens at stephens@uscid.org. Having the .pdf version of your paper helps ensure that your paper appears in the Proceedings as you intended.

Questions? Larry D. Stephens, 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