ECS Perspective Manuscript Template

*(All Perspective Submissions MUST use this Template)*

The Perspective Manuscript Template begins on page 3 of this document. To use this Template, you should first delete the text on this page so that the first line of the Template is the first line of your new document, then type the appropriate text into each section as you go. This will result in the sections of text being automatically formatted as per the Template Styles. Alternatively, you can delete all of the text from this file and enter your manuscript text, then apply the Styles as needed from the Word/Format/Style palette available in the file. **Please note** that the use of the Section Headings marked "Required" is mandatory. If you wish to use section subheadings, a Style is available in the Template.

When preparing a revision, please note that the 4000 word limit on length still applies. Manuscripts which grow beyond this limit in revision will need to be edited for length.

**Paper Preparation**

**General Text Requirements:**

Perspectives articles are limited to 4000 words total, EXCLUDING a limited list of references. This limit includes the title, author names, affiliations, figure captions, and tables.

All Manuscripts must be prepared in Single-column format.

References, tables, figures, and figure captions must be placed AFTER the body of the paper.

Equations must be entered as TEXTor by using the Equations editor or MathType feature, not image files.

Improperly formatted manuscript files will be returned to the author for correction before the paper is sent out for review.

**Figure Requirements:** Submission of separate figure files is encouraged but not required. When submitting individual figure files, please be sure to follow these guidelines:

Individual figure files, one file per COMPLETE figure. Do **NOT** submit figure parts as separate files.

EPS or TIFF formats preferred.

Sized at one-column width (3.25 inches) wherever possible.

300 dpi resolution. (Higher resolution files will not improve figure quality but will take longer to load.)

**DO NOT** submit Tables as figure files. All Tables must be included in the Article File as text or by using the table tool feature in Word.

Please note that each figure or table occupies the space of approximately 250 words and counts toward the total word count of 4000 or less, excluding the limited list of References.

**General Presentation:** Organization and clarity are essential elements of successful publications. Identify the subject matter in the title with words useful for indexing. Present any necessary background information and commentary in an order that leads naturally to future prospects. Identify and justify any assumptions that are made. Define unusual technical terms and all abbreviations or acronyms at their first use. Once an acronym has been defined, use it in place of the full-length term. Edit and proofread the manuscript carefully before submission. Ensure that all listed authors have read and approved the manuscript before submission.

SI units should be used whenever possible. The ACS Style Guide can be used as a reference on grammar, units, and formatting.

Mathematical equations should be written on a single line, if possible, using parentheses, brackets, negative exponents, and the like. Do not use artwork for equations.

**References:** Please keep the number of references to a minimum. References must be listed at the end of the paper in the order they are cited in the text. Use each author’s first and middle initials and last name; do not use et al. in a reference. CAS abbreviations for journal titles must be used. For full reference formatting instructions and examples, please see the Author Instructions available at <https://www.electrochem.org/publications/publish-journals>

If you have any questions about proper formatting of a Perspective manuscript for submission, please contact us at publications@electrochem.org for assistance.

**Title: [15 Words or Less]**

Author Names: [Use Superscript Numbers to Denote Affiliation if More than One; Designate Corresponding Author with Superscript z]

Affiliation(s): [Use Superscript Numbers to Denote Authors if More than One]

Corresponding Author: [zE-mail: john.doe@nonexistent.com]

**Abstract Text [100 Words or Less] [Required]**

**Introduction Text [Required]**

Current Status [Required]

A brief description of the current status and state-of-the-art within the field. This should not be exhaustive in either description or references, but should indicate the understanding and insight currently available. These remarks should serve as an introduction that leads into the next section of the article.

Future Needs and Prospects [Required]

This section is the primary focus of the article. The author(s) should offer his/her opinion(s) and justification regarding the direction that the field is taking. Discussion should include whether this is the appropriate direction or whether alternatives should be considered. Connections to scientific, industrial, and societal needs/demands should be made to indicate the impact that such directions and prospects could have in this topical area in both the near (2-3 years) and long (>5 years) term. This section should be speculative and thus promote further work and discussion within the field.

Conclusions [Required]

Summary Text

Acknowledgments [Optional]

Acknowledgments Text [If Any]

References [Required]

References [One complete reference citation per number]

Tables, if any, MUST be set in the ECS Manuscript Body Text Style. Do NOT embed figures/images as Tables. Please note that Perspective Articles are limited to 1 Figure and 1 Table OR 2 Figures OR 2 Tables. Each Figure or Table counts for 250 words toward the word count limit of 4000, excluding references.

**Figure Captions** MUST appear at the end of the document, either in list form (if the

figures are submitted as separate files) or under each figure (if figures are placed at the

end of the manuscript file.

Supplemental Material is not accepted for Perspective articles.