

## *TMS Letters* L<sup>A</sup>T<sub>E</sub>X Template

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Subject Categories: Category1, Category2, etc.

### Abstract

The TMS L<sup>A</sup>T<sub>E</sub>X template contains the command definitions, formatting structure, and instructions necessary for you to prepare your document for inclusion in the *TMS Letters* journal. When you are ready to begin your document, you may delete the instructional material and replace it with your own text. If you have any questions or need assistance with the preparation of your paper, please contact:

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### Document Layout

The template uses the **geometry** package to set the proper margins according to the dimensions shown in Table I. Please do not make any changes to these dimensions and be sure that everything in your document (including the graphics and tables) is contained within the margins. Your document should be no more than two pages in length (including all text, graphics, tables, etc.)

### Title Page Copyright Information

Centered on the very top of the first page is the Title Page Copyright Information (TPCI), which consists of the title of the journal, publisher, and year. Please do not make any changes to this information.

### Styles

This template creates some new commands and uses the **titlesec** package to redefine other commands to conform with the proper *TMS Letters* style. Sections are not numbered, so the `\setcounter{secnumdepth}{0}` option is set.

- `\PaperTitle{argument}`: Entire paper title should be contained in one argument.
- `\AuthorList{argument}`: List all authors in the same argument. If there is more than one author, subsequent author names should follow on the same line as the first author mentioned, continuing onto further lines as necessary; there should be a superscript number following each author name that corresponds to the proper affiliation.
- `\AuthorsAffiliation{argument}`: List all affiliations in the same argument. Each author affiliation should be put on a separate line (two lines if necessary), with a superscript number at the beginning that corresponds to the correct author(s) in the previous section.
- `\SubjectCategories{argument}`: All subject category listings should be contained within the same argument and separated by commas. A list of TMS subject categories can be found on the *TMS Letters* author guidelines web page:  
<http://www.tms.org/pubs/journals/TMSLetters/authorguide.html>
- `\section{argument}`: First-level subheadings.
- `\subsection{argument}`: Second-level subheadings.
- `\subsubsection{argument}`: Third-level subheadings (if necessary).

Note. the section for the TPCI, and the commands for the Author List, Author(s) Affiliation(s), and Subject Categories are contained within the `\twocolumn[...]` command. With this command, any text appearing in the square brackets is typeset in one-column mode.

You may now begin inputting the main body of your document. The default way in which L<sup>A</sup>T<sub>E</sub>X handles footnotes, floats (tables, pictures, graphs, etc.) and the bibliography is acceptable.

| Table I. Dimensions for Page Setup |                                    |           |            |                  |
|------------------------------------|------------------------------------|-----------|------------|------------------|
| Dimensions                         | Inches Decimal                     | Points    | Picas      | Millimeters      |
| Page Size:                         | 8.5 x 11                           | 612 x 792 | 51 x 66    | 215.9 x 279.4    |
| Margins:                           | Horizontal: .75<br>Vertical: .9167 | 54<br>66  | 4.5<br>5.5 | 19.05<br>23.283  |
| Live Area:                         | 7 x 9.1667                         | 504 x 660 | 42 x 55    | 177.8 x 232.833  |
| Column Area:                       | 3.333 x 9.1667                     | 240 x 660 | 20 x 55    | 84.667 x 232.833 |

## References

References should provide readers with enough information to find the cited material. Any manuscript preparation manual will assist you in handling unique citation situations. Abbreviations of widely-used journals are accepted, but it is best to spell out the titles of foreign and less well-known journals.