

# This is the title [Article v1.3]

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**Abstract** This particular document provides a skeleton illustrating key sections for a Lessons Learned document. Please see the sample `sample-document.tex` in [github.com/livecomsjournal/article\\_templates/templates](https://github.com/livecomsjournal/article_templates/templates) for additional information on and examples of using the LiveCoMS LaTeX class. Here we also assume familiarity with LaTeX and knowledge of how to include figures, tables, etc.; if you want examples, see the sample just referenced.

In your work, in this particular slot, please provide an abstract of no more than 250 words. Your abstract should explain the main contributions of your article, and should not contain any material that is not included in the main text. Please note that your abstract, plus the authorship material following it, must not extend beyond the title page or modifications to the LaTeX class will likely be needed.

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## 1 Introduction

Here you would explain what problem you are tackling and briefly motivate your work. Since a Lessons Learned document provides negative results in a particular category, you will want to clearly define your category and also motivate the application of your work to your particular problem.

We suggest that you envision your document potentially extending in the future to include other Lessons Learned in the same category, so you may

want to organize your work in a way which would allow this type of extension (e.g. providing a general introduction then using subsections to explain your particular problem) – for example, describing potential of mean force calculations generally, then in a subsection motivating your particular application of them.

In this particular template, we have removed most of the usage examples which occur in `sample-document.tex` to provide a minimal template you can modify; how-

ever, we retain a couple of examples illustrating more unusual features of our templates/article class, such as the checklists, and information on algorithms and pseudocode.

A Lessons Learned document is a regular scientific article, and should be prepared with similar organization. Sample typical section headers follow.

Keep in mind, as you prepare your manuscript, that you should plan for a representative image which will be used to highlight your article on the journal website and publications. Usually, this would be one of your figures, but it must also be uploaded separately upon article submission. We give specific guidelines for this image on the journal website in the section on article submission (see <https://livecomsjournal.github.io/authors/policies/index.html#article-submission>).

Additionally, for well-formatted manuscripts, we recommend that you let LaTeX handle figure/table placement for you as much as possible, so please avoid specifying strenuous float instructions like '[h!]' and '[H]' as much as possible.

## 2 Theory and Methods

You should use a section (or separate sections, if this yields better organization) to describe the theory and methods relevant to your work.

This should include all information required for a reader to reproduce the results, including software version numbers and links to any in-house files or scripts

## 3 Results

You would give your results here. Since the goal here is not just to present negative results, but also to provide lessons learned from doing so, you will want to make sure you have data to show why your approach failed.

## 4 Discussion

Discussion should highlight the lessons learned and give tips for avoiding future mistakes. Try to tell readers what you wish you had known before starting.

## 5 Conclusions

Give conclusions.

## Author Contributions

(Explain the contributions of the different authors here)

For a more detailed description of author contributions, see the GitHub issue tracking and changelog at <https://github.com/myaccount/homegithubrepository>.

## Other Contributions

(Explain the contributions of any non-author contributors here) For a more detailed description of contributions from the community and others, see the GitHub issue tracking and changelog at <https://github.com/myaccount/homegithubrepository>.

## Potentially Conflicting Interests

Declare any potentially conflicting interests here, whether or not they pose an actual conflict in your view.

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