



Innovation Note Guidelines

The UDA Innovation Note is a vital documentation and communication tool, capturing novel technological advancements within the Underwater Domain Awareness (UDA) Framework. It adeptly showcases innovation such as software tools, experimental methodologies, and other innovations that significantly contribute to the state-of-the-art within the UDA domain. Simultaneously, it serves as a knowledge dissemination platform, providing a detailed account of the development process for researchers and practitioners to comprehend and potentially build upon, promoting transparency and reproducibility in the UDA landscape.

With a forward-looking perspective, the note outlines the potential impact of innovations on stakeholders and end-users, offering insights into how these technological advancements can lead to positive changes and enhanced efficiencies in real-world applications within the underwater domain. The acknowledgment of prior work, integrates current advancements into the broader context of existing UDA knowledge. The note strategically communicates with a diverse audience, going beyond technical experts to include non-technical individuals, ensuring a comprehensive understanding of the innovation's impact and significance among a wider range of stakeholders.

The note must present three sections clearly:

1. In the opening section, it is crucial to delineate the pre-existing techniques and methods employed by the stakeholders. Furthermore, a clear comparison between these established methods and the introduced innovation should be presented.

2. Secondly, the note must address the following points systematically:

- Novelty of the concept and the software and tools used in its creation.
- Simulation of the innovation and its application in different arenas (if applicable).
- A proper and scientifically validated report of the innovation.
- Additional documentation on how to use this innovation in real time.

3. Thirdly, the outcomes of the innovation and how it alters the lives of the stakeholders must be specified. This involves articulating the changes that this innovation will bring to the lives of the stakeholders. The note should provide a clear and concise account of the transformative impact, elucidating the practical implications of the innovation on the intended audience.

Key considerations:

- Maintain cohesiveness and conciseness in the notes, employing clear language and avoiding unnecessary jargon and acronyms. Clearly define technical terms and provide explanations for less familiar concepts to ensure accessibility.
 - Precisely define the objective of the technical note by specifying the addressed problem or challenge and articulating the intended contribution or innovation, offering readers a succinct roadmap.
 - Identify the target audience and tailor the innovation note's technical detail to match the expertise of the intended readership, making it accessible to both technical and non-technical individuals.
 - Adhere to the outlined format in this document, while allowing for structural customizations that enhance the presentation of research.
 - Maintain a word limit of 3000 words, excluding the abstract and references.
 - Optionally, research notes may incorporate an appendix and supplementary enclosures.
-

Innovation Note Format

1. Title: Give a detailed description of your report. Include all authors' full names, email addresses, and institutions. (Word limit: 20 words)
 2. Abstract: Abstract should clearly specify the Objective and Results. State the purpose of the innovation and its general significance. Give a brief summary of the main findings. No citations are needed here. (Word limit: 200 words)
 3. Keywords: Include 3–10 keywords representing the main content of the article.
 4. Introduction: Provide the objective for the work. Clearly define the objective of the technical note. Specify the problem or challenge addressed and articulate the intended contribution or innovation. This provides a concise roadmap for readers.
 5. Introduce the topic in a few sentences and cite articles for further information. Provide a brief literature review. Mention your preceding research notes on this topic. Introduce the stakeholders and the already existing techniques and methods.
 6. Main Section: Main section must include a comprehensive and detailed explanation of the innovation. You may use up to five subheadings. Use in-text citations. Minimize use of footnotes to avoid a break in flow.
 7. Methodology: Provide a detailed description of the methodology employed in the development or experimentation. Include sufficient information for readers to replicate the study or understand the steps involved in the innovation.
 8. Discussion: Analyze and interpret the results in the context of the stated objectives. Discuss any unexpected findings, limitations, and implications. Compare the innovation with existing approaches, highlighting its strengths and areas for improvement.
 9. Way-Forward: Please provide the implications of your research. Include the pathways of exploration following your work, and also include how to use your innovation in real life. Discuss your next steps briefly.
 10. Conclusion: Summarize the progress made in your innovation and their implications. Clearly state the contributions of the technical note and suggest potential avenues for future research or improvements. Present the results of the technical work systematically. Utilize figures, tables, and graphs to enhance clarity. Include both qualitative and quantitative findings, and ensure they are relevant to the objectives outlined in the introduction. Conclude the note with a reiteration of your innovation goals.
 11. References: Use APA style. Limit the references to a maximum of 30.
 12. Optional Sections: Acknowledgement, Table and Figure Legends.
-

Technical Innovation Note Template

Technical Innovation Note

[Note's Title]

[Author^{1*}, Author²]

¹Author 1 organization

²Author 2 organization

***Corresponding Author [Email ID]**

Abstract [200 words]

Keywords [3-10]: keyword1; keyword2....

- 1. Introduction**
- 2. Main sections [Include tables and figures]**
- 3. Methodology**
- 4. Discussion**
- 5. Way Forward**
- 6. Conclusion**

References [APA Style]

[Optional sections - Tables and Figures legends]

Received [date]; Accepted [date]

mrc.foundationforuda.in
