Technical Journal of Advanced Mobility
次世代移動体技術誌
Peer Review Guidelines

Technical Journal of Advanced Mobility
Editorial Committee

1. Purpose of the Journal

The Japan UAS Industrial Development Association (hereinafter referred to as "JUIDA") publishes the Technical Journal of Advanced Mobility (hereinafter "the Journal") to disseminate innovative and original research findings that contribute to the advancement and widespread adoption of advanced mobility technologies, including Unmanned Aircraft Systems (UAS), Urban Air Mobility (UAM), Unmanned Traffic Management (UTM), and other Advanced Mobility Systems (AMS). The Journal is an open-access journal published in both English and Japanese, and released online on a rolling basis. All articles become publicly accessible immediately upon publication.

The Journal invites submissions related to advanced mobility, including theoretical or empirical research, technological developments, social science studies, economic and industrial analyses, or integrated knowledge derived from multidisciplinary approaches.

The Journal's intended readership includes researchers, engineers, students, and other individuals engaged in advanced mobility research in academia and industry. As one of the few technical journals dedicated to this field, the Journal strives to enhance its credibility and value, foster interdisciplinary collaboration, create new synergies, and support industrial advancement.

2. Purpose of Peer Review

Peer review is conducted to provide an objective evaluation of submitted manuscripts and to determine whether they are suitable for publication in the Journal.
The Editorial Committee may request clarifications or revisions when issues or ambiguities are identified during review. However, the ultimate responsibility for the manuscript's content rests with the authors, and its scholarly value is ultimately assessed by readers in the field.

3. Peer Review Process

(1) Review Method

The Journal adopts a single-blind review system. The identities of reviewers and the contents of their evaluations are not disclosed.

(2) Review Procedure

1. All manuscripts submitted to the Journal undergo an initial screening conducted by the Editorial Committee. Manuscripts that pass the initial screening are subsequently reviewed by reviewers appointed by the Editorial Committee.
2. Manuscripts classified as Original Articles, Technical Reports, or Review Articles are reviewed by two reviewers; Letters are reviewed by one reviewer.
3. If a manuscript submitted as an Original Article is deemed more appropriate as a Letter during the initial screening, the author may choose either to resubmit it as a Letter or to withdraw the submission.
4. Reviewers prepare a written evaluation report, which is submitted to the Editorial Committee. Based on these reports, the Committee determines acceptance or rejection. The Committee may request revisions from authors, in principle limited to one revision round.
5. Authors must submit revised manuscripts within three months. Revised manuscripts may be sent back to reviewers for additional evaluation or may be assessed directly by the Editorial Committee to confirm whether comments have been addressed.

(3) Role of the Editorial Committee

Members of the Editorial Committee serve in an advisory capacity throughout the peer review process and are responsible for making the final decision regarding publication.
If the Editor-in-Chief is an author of a submitted manuscript, another member of the Editorial Committee shall assume responsibility for the final decision on acceptance or rejection.

4. Selection of Reviewers

Reviewers are selected based on their expertise, professional reputation, and experience as reviewers. Their selection ensures that evaluations reflect appropriate subject-matter knowledge and academic rigor.

5. Evaluation Criteria

Reviewers evaluate manuscripts objectively in accordance with the following criteria, and submit a structured review report to the Editorial Committee.

(1) Novelty

The manuscript should contain content that is not easily derived from existing literature or known information.
Examples include:

1. Originality in research themes, content, or methods, contributing significantly to scientific understanding.
2. Raising issues of importance to industry or society.
3. Presenting new contributions to engineering education or workforce development.
4. Providing valuable technical studies or experiences demonstrating creativity and ingenuity.

5. Offering timely, comprehensive syntheses and presenting new perspectives.

(2) Usefulness

The manuscript should demonstrate academic, industrial, or practical value.

Examples include:

1. High applicability, usefulness, or potential for further development.
2. Research or technical outcomes that can inform practice or future experiments and investigations.
3. Valuable proposals, hypotheses, or opinions.
4. Experimental or observational data that meaningfully support research or practical application.
5. Contributions to educational initiatives or human resource development.

(3) Reliability

The manuscript should be free from major errors and be credible to experts in the field.

Examples include:

1. Appropriate and unbiased citation of key literature.
2. Clear comparison with existing technologies or findings, leading to valid conclusions.
3. Transparent description of experimental, analytical, planning, or design conditions.

(4) Completeness

The manuscript should be clearly written and easy for readers to understand.

Examples include:

1. A well-organized structure with clearly stated objectives and results.
2. Clear articulation of the relationship with existing research or technical developments.
3. Appropriate and concise writing without unnecessary redundancy.
4. Figures and tables that are appropriate in number, well prepared, and easy to understand.

6. Contact information

For inquiries regarding peer review or editorial matters, please contact:

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