ICARUS

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DESCRIPTION

*icarus* is devoted to the publication of original contributions in the field of Solar System studies. Manuscripts reporting the results of new research - observational, experimental, or theoretical - concerning the astronomy, geology, meteorology, physics, chemistry, biology, and other scientific aspects of our Solar System or extrasolar systems are welcome. The journal generally does not publish papers devoted exclusively to the Sun or the Earth; papers on celestial mechanics or astrophysics are acceptable only if they have a clear importance for planetary science; descriptive studies of meteorites should be addressed to journals of meteoritics, but are relevant for *Icarus* if they provide constraints on the formation or evolution of planetesimals, planets or the solar system in its globality. *Icarus* does not publish papers that provide "improved" versions of Bode's law, or other numerical relations, without a sound physical basis. *Icarus* does not publish meeting announcements or general notices. Reviews, historical papers, and manuscripts describing spacecraft instrumentation may be considered, but only with prior approval of the editor. An entire issue of the journal is occasionally devoted to a single subject, usually arising from a conference on the same topic. The language of publication is English. American or British usage is accepted, but not a mixture of these. *Icarus* is endorsed by the Division for Planetary Sciences of the American Astronomical Society.

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INTRODUCTION
ICARUS is affiliated with the American Astronomical Society’s Division for Planetary Sciences.

Manuscripts reporting the results of new research - observational, experimental, or theoretical - concerning the astronomy, geology, meteorology, physics, chemistry, biology, and other scientific aspects of our solar system or extrasolar systems are welcome. The journal generally does not publish papers devoted exclusively to the Sun, the Earth; papers on celestial mechanics or astrophysics are acceptable only if they have a clear importance for planetary science; descriptive studies of meteorites should be addressed to journals of meteoritics, but are relevant for Icarus if they provide constraints on the formation or evolution of planetesimals, planets or the solar system in its globality. Icarus does not publish papers that provide "improved" versions of Bode's law, or other numerical relations, without a sound physical basis. Icarus does not publish meeting announcements or general notices. Reviews, historical papers, and manuscripts describing spacecraft instrumentation may be considered, but only with prior approval of the editor.

Types of article
Regular scientific papers, Notes, Comments, Invited Reviews

Letters: Letters are short manuscripts on ground-breaking results, with a potential high impact factor. Their length is limited to 3,500 words, abstract included, and can contain up to three figures, each with a caption of up to 300 words, and one small table. Supplementary material published only on-line is accepted. Letters will be reviewed by two experts (ideally within two weeks) and, once published, will be highlighted on-line and on the printed issue. After the review process, the Editor can decide to publish the work as a standard manuscript if he/she judges that its content does not correspond to the desired standards for Icarus Letters.

Notes: Notes are short manuscripts that present preliminary results, discuss an idea supported by some exploratory investigation, comment on a published manuscript, report observations that don’t have yet clear implications or null results. Their length is limited to 2,000 words and one figure. Online tables of data are allowed. Notes will be reviewed by one expert. Their scope is to provide a reference record for material which is not yet mature or developed enough to be the object of a standard publication.

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Define abbreviations that are not standard in this field at their first mention. Ensure consistency of abbreviations throughout the article.

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Please ensure that every reference cited in the text is also present in the reference list (and vice versa). Any references cited in the abstract must be given in full. Icarus does not permit references to unpublished material (or web pages) in the reference list, but these may be mentioned in the text. Citations of papers "in press" or submitted can be included in the reference list and they should follow the standard reference style of the journal. Citation of a reference as "in press" implies that the item has been accepted for publication.

**Guidelines for submission of Letters and Notes**

**Letters:** Letters are short manuscripts on ground-breaking results, with a potential high impact factor. Their length is limited to 3,500 words, abstract included, and can contain up to three figures, each with a caption of up to 300 words, and one small table. Supplementary material published only on-line is accepted. Letters will be reviewed by two experts (ideally within two weeks) and, once published, will be highlighted on-line and on the printed issue. After the review process, the Editor can decide to publish the work as a standard manuscript if he/she judges that its content does not correspond to the desired standards for Icarus Letters.

**Notes:** Notes are short manuscripts that present preliminary results, discuss an idea supported by some exploratory investigation, comment on a published manuscript, report observations that don’t have yet clear implications or null results. Their length is limited to 2,000 words and one figure. Online tables of data are allowed. Notes will be reviewed by one expert. Their scope is to provide a reference record for material which is not yet mature or developed enough to be the object of a standard publication.

Please find below the instructions to submit Letters and Notes:

(i) Notes should be typed double-spaced, and should be no longer than twelve (12) pages of text (this includes title page, acknowledgments and references), including a very brief abstract of one or two sentences.

(ii) The total sum of figures and tables should be less than, or equal to, three.

(iii) Supplementary Materials may be included as long as they provide additional data or context on the topic addressed in the Note and the information to describe it conforms fully to the length restrictions of Notes as described above.

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Citations may be made directly (or parenthetically). Groups of references should be listed first alphabetically, then chronologically.

Examples: "as demonstrated (Allan, 1996a, 1996b, 1999; Allan and Jones, 1995). Kramer et al. (2000) have recently shown..."

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