






INTERPORE JOURNAL GOES ONLINE

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ABSTRACT

InterPore Journal (IPJ) is an international, peer-reviewed, open-access journal, published and owned by The International Society for Porous Media (InterPore) with focus on all topics related to porous media science and technology. The IPJ is unique in actively promoting interactions between academia and industry with strong emphasis on fundamental porous media discovery and solutions and applications to industry and engineering.

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AIMS

The aims of InterPore Journal are to advance our understanding of, and research on, technical and industrial advances in porous media, to gain an improved understanding of the processes and phenomena involved, and to provide a medium in which this information can be easily shared within the international research community. In founding this new journal, we also have the overarching goal of becoming the focal point for the worldwide porous media community, where high quality research on the wide range of multidisciplinary multiscale topics related to porous media science and technology is published and made available for all. Closely related to our goal of becoming the main destination for high quality research within all fields related to porous media are the Sustainable Development Goals

(SDGs) of the United Nations (UN). Via the research that will be published in this journal, we will directly be supporting UN SDGs particularly UN SDGs 2, 4, 6, 7, 9, 12, 13, and 15.

SCOPE

While it is a society journal, we welcome contributions from the entire global community of porous media researchers working within academia, in industry, or with national and international research institutions. Contributions linked to a porous media application, and which have a geological, industrial, environmental, or biological nature are encouraged. Submitted research may include, but is not limited to, physical and numerical modeling, imaging techniques and analysis, theory development, big data analysis, characterization, and/or material design.

The following types of articles can be submitted:

- Original research papers, technical notes, and review articles that present the state-of-the-art on porous media research and applications and offer perspectives for future research and development.
- Open datasets and source codes relevant to the porous media research, as they can offer a valuable resource to the porous media community.
- Letters to the Editor, short communications, invited commentaries and papers, and opinion pieces.

Additionally, from time to time, Special Issues based for instance on the contributions for the annual InterPore Meeting, or a special themed topic, may be published.

GOLD OPEN ACCESS

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WHAT KIND OF PAPERS WILL BE PUBLISHED BY INTERPORE JOURNAL?

InterPore Journal is dedicated to publishing articles spanning various categories to comprehensively address a wide spectrum of topics, applications, and community needs. These contributions will be sourced from a multitude of stakeholders, including academia, industry, and other relevant sectors, ensuring a holistic exploration of porous media related science and technology. InterPore Journal's article type includes:

Original research papers are a detailed account of research activity performed by the authors to test an existing argument, idea, theory, or claim. They can also present a unique argument or idea of your own; the claim which is being made should be debatable. They typically build on / add to the current research and understanding of a topic or address a specific question.

Review articles present state-of-the-art authoritative and balanced review and summary of recent developments or of what is known and unknown in a field of research or specific topic/issue, including

where the current work fits in and offer perspective for future research and development. Results of new relevant research may be also included and discussed, if the authors wish. Authors can propose a specific viewpoint should they wish; however, they should not neglect presenting other viewpoints.

Technical notes are short articles that provide a brief description or describe a modification of a specific development, topic, technique, procedure, or method. The information presented should have practical value and contribute to the information already present.

Open datasets and source codes are relevant to porous media research, may also be published as they offer a valuable resource to the porous media community.

Commentaries on previously published articles are generally brief comments, in which there is a difference of opinion with authors of a recently published article (within 12 months of publication date). Authors of the paper in question will be given the opportunity to provide a response. Peer review may be performed at the Editor's discretion for both the comments and response, and if accepted, they will be published together. An abstract is not required.

Letters to the Editor are brief commentary on issues relevant to the porous media community. Peer review may be performed at the Editor's discretion. An abstract is not required.

Short Communications are concise articles that report on new ideas or findings, or recent advances that have a significant impact or the potential to initiate new areas of research for the journal's readership. They should not contain a lengthy discussion of background information and/or details of a procedure or methodology, but rather provide the key points to the reader. Communications may also be used to report on findings that are not suitable for a full research article, but still possess significance for the community. Peer review may be performed at the Editor's discretion.

Invited Commentaries are solicited by an editor to call attention to articles of relevance to the community, an emerging research question or technology, or any issue of relevance to the scientific community. They are by invitation only. Commentaries provide an opportunity to further scientific discourse via comments, challenges or clarifications on published papers or established theories and opinions. Peer review may be performed at the Editor's discretion.

Opinion Pieces are succinct articles offering a clear view on an item and have the purpose of motivating further discussion on a contemporary topic or new research including the possible results or implications thereof. They may also offer a call to action or provide a new framework for existing or current topics or issues. An abstract is not required.

Special issues may be published from time to time, which would be based on a special themed topic or contributions for the annual InterPore Meeting. For more information, please see [here](#).

Invited papers are by invitation only. In consultation with the Board of Editors when appropriate, the Editor-in-Chief will select a world-renowned scientist to write an authoritative manuscript on a special porous media application that the journal wants to draw attention to or to further develop or highlight. Only a few invited papers will be published in a year.

EDITORIAL AND REVIEW PROCESS

When a paper is first submitted, the Managing Editor will perform an initial check of the submission, paying attention to adherence to author guidelines and editorial policies, conflicts of interest, any relevant disclosures and to ensure that there are no issues with any of the submitted documents. Once the initial check has been completed, the Editor-in-Chief (EIC) will be notified, and they will then perform an initial review of the manuscript regarding suitability for this journal. If no issues are found, manuscripts will be assigned to an Editor with relevant expertise who will then manage the entire review process. In






most cases, the Editor will invite a minimum of two reviewers to perform a review of the manuscript. Reviewers should declare any conflicts of possible or actual conflicts of interest in regard to papers they have been invited to review, and they should not review any papers for which there is a conflict of interest. Invited reviewers are requested to provide a response to an invitation within one week, and if they accept the invitation, then we request that their review be completed within four weeks. Upon completion of the peer-review process, the Editor will provide a recommendation to the EIC, who will then issue the final decision to the authors.

SUBMIT YOUR BEST WORK TO INTERPORE JOURNAL

We would like to invite all scientists in the field to consider submitting their best work to InterPore Journal. By supporting this new journal, you join many scientists in playing a vital role in shaping the discourse and pushing the boundaries of knowledge in porous media science and technology and building a dynamic hub for groundbreaking porous media research. It goes without saying that your participation and support are key to the success of InterPore Journal, and we look forward to welcoming your contributions.

We are delighted to introduce the inaugural issue of the InterPore Journal to our community. This issue delves into a diverse array of topics, encompassing processes across various scales, from pore-scale to field-scale. A broad spectrum of subjects is explored in this issue through a combination of experimental and numerical techniques.

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