EDITORIAL

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With this Editorial, we would like once again to share some of the highlights of the past year and future developments of the journal.

Subscribe-to-Open

As stated in a previous Editorial, MMNP has been at the forefront of the Subscribe-to-Open (S2O) movement, being the first mathematics journal in the world to transition to open access under the S2O model in 2020. Under this model, institutions are asked to subscribe as usual, and as long as the publisher receives the expected subscription income, then the current volume is made available to all in full open access. This has allowed us to publish MMNP in open access continuously for the past three years, entirely free of charge for authors and readers. We hope that the level of subscription renewals will enable us to continue providing open access publication in MMNP in 2023. Please see https://www.edpsciences.org/fr/maths-s2o-programme for more information.

Citation-based metrics

The high-quality open access content published in MMNP is continuing to make an impact in the mathematical community. While the Journal Impact Factor published by Clarivate in 2022 has slightly decreased from its high of 4.157 in 2021, to 3.117 in 2022, MMNP maintained its place in the first quartile in the category "Mathematics, Applied". In 2022, we also reported than the 2021 CiteScore of MMNP reached 5.7 – an increase from 4.0 in 2020, placing the journal in the first quartile in both categories "Applied Mathematics" and "Modeling and Simulation" of Scopus. Citation-based metrics such as the Journal Impact Factor and CiteScore should be used responsibly and avoided in the context of assessment of individual researchers.

Thematic Sections

MMNP was launched in 2006 as a journal organized strictly around the publication of special issues. During the past years, we have made several changes to enable the journal to function independently of special issues, and to publish good quality submissions in all areas of mathematical modelling of natural phenomena. See the

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previous Editorial for details of these changes. We are now moving to the next stage, which is organize the content around permanent sections rather than temporary topical issues. The sections will be:

– Population dynamics and epidemiology
– Mathematical physiology and medicine
– Physics
– Chemistry
– Engineering
– Economics
– Mathematical methods

The organization of the content in sections will be visible for readers as of January 2023 (Volume 18).

Peer Community In

In 2022, MMNP launched a collaboration with Peer Community In (PCI). PCI MCB is a specific community of researchers reviewing and recommending preprints in the field of mathematical and computational biology (for free). Once recommended by PCI, articles become citable, similar to journal articles. They can also be submitted to a "traditional" journal for publication. MMNP is the first "PCI-friendly" mathematics journal. Authors submitting an article to MMNP can indicate at the time of submission that their article has been previously reviewed and recommended by the PCI community. If the recommended article falls within the scope of MMNP, the editors can use the PCI reviews and recommendation to strengthen or speed up the usual peer-review process of the article. Authors interested in this initiative should consult the instructions for authors for more information.

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