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# Challenges



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# Message from the Editors-in-Chief

Addressing scientific advancements and technological processes responding to societal needs are the new frontiers that humankind needs to face and cope with. Discovery and advances in basic research, synthetic biology, biochemistry, material science and biosystems engineering, are providing cutting edge progress and solutions. Scientists from multidiscipline fields are invited to discuss challenging science and research, and technology innovations in *Challenges* aimed towards solving current problematic issues.

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## Editors-in-Chief

Dr. Palmiro Poltronieri  
Prof. Dr. Susan L. Prescott

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## Aims

*Challenges* ISSN (2078-1547) provides an advanced forum for studies related to topics such as planetary health and the environment, sustainability, human health, education, planning and development, public health, working culture and organization, technology theoretical and physical sciences, etc., and is ultimately aimed at improving all aspects of life on our planet. To promote interdisciplinary discourse, we encourage all submissions to *Challenges*, regardless of discipline, profession, or perspective, to articulate the ways in which their submission is relevant to some (or preferably, many) of the grand challenges of our time, and/or ways in which the work could contribute to planetary health and/or the sustainable development goals (SDG).

*Challenges* publishes scholarly content including high-quality reviews, regular research papers, and communications case/project reports, as well as Special Issues on particular subjects and publications typically not found in traditional research journals, such as research proposals, policy studies, descriptions of prototypes, creative and artistic perspectives on these topics, and open contests aimed at solving grand challenges.

The aim of *Challenges* is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. Therefore, the journal has no restrictions regarding the length of papers. Full experimental details should be provided so that the results can be reproduced. It is our hope that *Challenges* will facilitate collaborative vision and shared agendas aimed at solving the interconnected challenges of our time.

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## Scope

We welcome manuscripts that seek to address challenges to the health of people, places, and planet, including but not limited to:

- Planetary Health and the Environment
- Human Health
- Sustainability
- Education
- Theoretical and Physical Sciences
- Working Culture and Organization
- Public Health
- Technology
- Planning and Development

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## Author Benefits

### Open Access

Unlimited and free access for readers

### No Copyright Constraints

Retain copyright of your work and free use of your article

### Thorough Peer-Review

### No Space Constraints, No Extra Space or Color Charges

No restriction on the maximum length of the papers, number of figures or colors

### Rapid Publication

A first decision is provided to authors approximately 27.4 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2023)

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