



Report of the Editorial Board of Seed Science and Technology 2023

Editor in Chief, Fiona R. Hay



Seed Science and Technology – a niche journal



Seed Science and Technology Seed Science and Technology (SST) is an international journal featuring original articles on seed quality and physiology related to seed production, harvest, processing, sampling, storage, genetic conservation, habitat regeneration, distribution and testing.

A journal that meets the needs of researchers, advisers and all those involved in the improvement and technical control of seed quality. The journal was launched in 1973 as a replacement of the Proceedings of the International Seed Testing Association. Published every April, August and December.



01-04 JULY CAMBRIDGE, UNITED KINGDOM



Special issue to celebrate 50th volume in 2022



- **R.H. Ellis** Seed ageing, survival and the improved seed viability equation; forty years on. **9**
- **C.C. Baskin and J.M. Baskin** Mimicking the natural thermal environments experienced by seeds to break physiological dormancy to enhance seed testing and seedling production. **13**
- **J.d.B. França-Neto and F.C. Krzyzanowski** Use of the tetrazolium test for estimating the physiological quality of seeds. **10**
- **A.A. Powell** Seed vigour in the 21st Century. **15**
- **L. Zhao, S.M.R. Haque and R. Wang** Automated seed identification with computer vision: challenges and opportunities. **5**
- **E.L. Dalziell, W. Lewandowski, L.E. Commander, C.P. Elliott, T.E. Erickson, E.P. Tudor, S.R. Turner and D.J. Merritt** Seed traits inform the germination niche for biodiverse ecological restoration. **15**
- **S. Gairola, A. Hameed, A. Rasheed, A. Alketbi, M. Aljasmi and A. El-Keblawy** Seed germination and salinity tolerance of habitat-indifferent halophytes as associated with geographical distribution. **4**
- **S.P.C. Groot** Seed maturation and its practical implications. **2**



Scientific publishing in crisis?



- Greater recognition for publishers vs. journals: e.g. Elsevier, Wiley, Springer, perhaps enforced by publication deals, publisher journal finders, etc.
- Disruptors: MDPI, Frontiers (open access, Reviewers' names published, emphasis on rapid review, invited guest editors & special issues, emphasis on review articles, etc.).
- Predatory publishers/journals.
- Unethical practices: paper mills, purchased authorship, citation inflation,...
- AI-generated articles.
- Pressure to publish.



Scientific publishing in crisis?

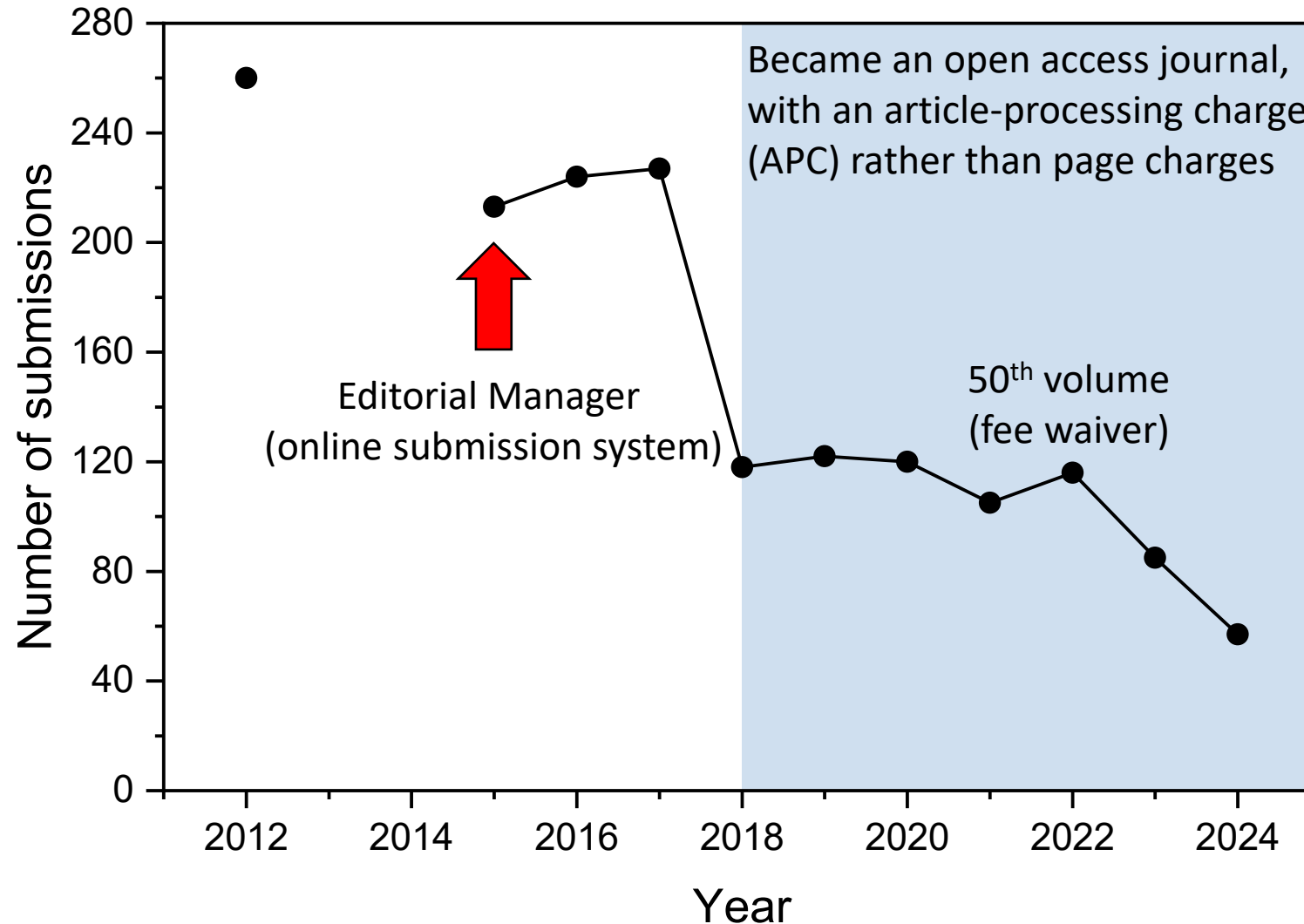


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- New open access journals / sections of journals focusing on seeds
⇒ Competition for authors to submit their articles



Submissions to SS&T



Young@ISTA



A promotional banner for Young@ISTA. The background is a close-up photograph of several young green seedlings with two leaves each, growing out of dark soil. In the top left corner, the text 'YOUNG ISTA' is written in white, with a leaf icon between the words, and 'PLANTING THE SEEDS OF TOMORROW' in smaller white text below. A large orange horizontal bar across the middle contains the text 'Funding for publications in SST' in white. Below the orange bar, a green horizontal bar contains the text 'Visit our website for more information' in white.



Editorial Board & Reviewers, 2023



Editorial board members: Irfan Afzal, Christophe Bailly, Laura Bowden, Ibrahim Demir, Brigitte Hamman, Julio Marcos Filho, Andrea Mondoni, David Mycock, Shyam Phartyal, Alison Powell, Sergey Rosbekh, Moctar Sacande, Uma Rani Sinniah, Michael Sussman, Alan Taylor, Christopher Wood.

Other: Ahmad Alhariri, Carol Baskin, Sebastian Bopper, Henry Bruggink, Julia Buitink, Angelino Carta, Fernando Cavagnaro, Emma Dalziell, John Dickie, Giuseppe Dionisio, Stephane Dussert, Richard Ellis, Steven Footitt, Filippo Guzzon, Stuart Hardegree, Ganesh Jaganathan, KMG Gehan Jayasuriya, Stefanie Krämer, François Luro, Anca Macovei, David Merritt, Monica Mezzalama, Damrongvudhi Onwimol, Sergio Pasquini, Naidoo Sershen, Kwan-Jeong Song, Dorota Szopińska, Filip Vandelook, Satya Srii Vijayan, Marie-Helene Wagner, Ron Walcott, Ruoqing Wang, Dustin Wolkis, Ji Zhou.

Location: North and South America, Europe, Africa, Asia, Australiasia.



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Thank you

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