



*international society
for seed science*

The International Society for Seed Science (ISSS), founded in 1999, is a professional organisation of seed scientists committed to fostering and promoting research, education and communication in the scientific understanding of seeds.

Activities

Co-ordination and organisation of conferences, workshops and more specialised meetings related to seed science.

Some past events:

- 2019 - Seed Ecology VI – Regensburg, Germany
- 2019 - 6th Workshop on Molecular Aspects of Seed Dormancy and Germination, Volendam, The Netherlands
- 2018 - 2nd Seed Longevity Workshop, Fort Collins, USA
- 2017 - 12th Triennial Conference of ISSS, Monterey, USA

Providing financial support for young researchers
to attend ISSS meetings in the form of Travel Grants

Activities

New!

Organisation of webinars, also in association with ISTA, on topics with both a fundamental and an applied side. First one today!

Activities

Publication of scientific research on seed biology in *Seed Science Research* the official journal of the ISSS

Seed Science Research



Activities

Sharing news and comments of interest to seed scientists and technologists,

Website: www.seedscisoc.org

News updates: to members via Email

E-mail: l.colville@kew.org

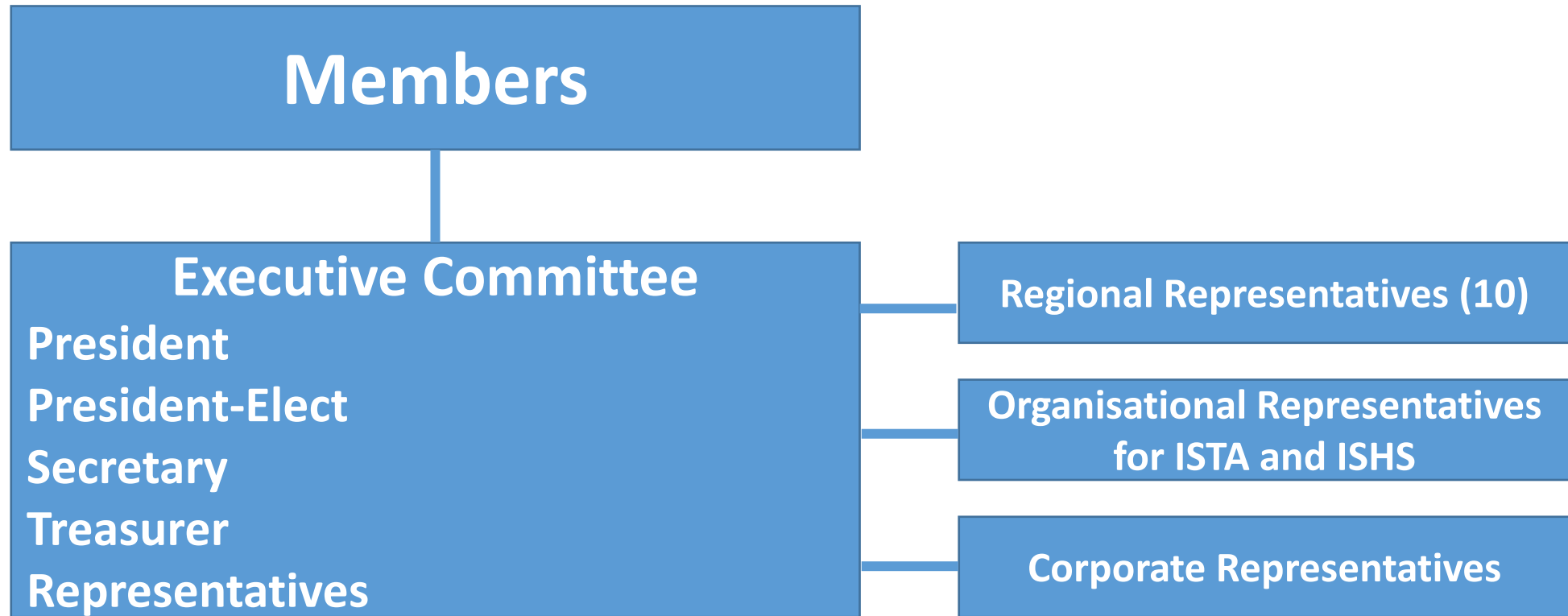
Social media: Twitter [@IntlSeedSciSoc](https://twitter.com/IntlSeedSciSoc)

Activities

Support for educational activities in seed biology, including courses, websites, etc.

Establishment of prizes and honours for meritorious work in seed biology

ISSS structure



Officers and Executive Committee Members



Henk Hilhorst, Netherlands
President (2017-2020)
[email](#)



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Laura Bowden (UK)
Appointed Trustee (2018-)

Coming up soon!

13th Triennial Conference of ISSS



Seed Innovation Systems for the 21st Century

9-13 August 2021

online

Registration:: <https://www.kew.org/science/engage/get-involved/conferences/ISSS2020>

For questions or further information: iss2021@kew.org.

Invited speakers:

The J. Derek Bewley Career Lectures

Prof Richard H. Ellis, University of Reading, UK

Seeds-plants-crops-biodiversity-environment-people: illustrating understanding and ideas

Prof Françoise Corbineau, Sorbonne-Université, France

Oxygen, a key signaling factor in the control of seed germination and dormancy

The Alfred Mayer Plenary Lecture

Prof Gerhard Leubner, Royal Holloway University of London, UK

The germination of diaspores: origin, diversity and destiny of the seed habit

The Michael Black Founders Lecture

Dr Guillaume Née, University of Münster, Germany

A watch DOG to prevent shut down of ABA responses during early seed imbibition

THEMES AND KEYNOTE SPEAKERS

Theme 1: Seed memory – how environment influences traits during development

Dr Gabriela Auge, University of Buenos Aires

Ghosts of the Past: Parental environmental history regulates seed traits

Theme 2: Seed life span – the science of maximising survival

Dr Daniel Ballesteros, Royal Botanic Gardens, Kew

Dry and frozen architecture: from tissues and cells to the sub-molecular

Dr Eduardo Bueso, Universitat Politècnica de València-Consejo Superior de Investigaciones Científicas

The legacy of the mother, key for seed survival

Theme 3: Seed innovation systems for the 21st century – the future of seed science (local to global)

Dr Chris Ojiewo, ICRISAT

Dr Ji Zhou, NIAB

Theme 4: Seed form and function – the morphology of success

Dr Tina Steinbrecher, Royal Holloway, University of London

Functional morphology of seeds: a biomechanics view

Dr Filip Vandeloos, Meise Botanic Garden

The ecological significance and evolutionary history of seed traits

Theme 5: Seed germination and stress – environmental thresholds and species resilience

Dr Queila Garcia, Universidade Federal de Minas Gerais

Germination and dormancy in tropical species: a overview from campo rupestre

Dr Lydia Guja, Centre for Australian National Biodiversity Research

Seed Science Research – Special Issue

Seed Innovation Systems for the 21st Century

Editors: Louise Colville¹, Henk Hilhorst² and Hugh W. Pritchard¹

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Content: Will comprise invited papers from the 13th Triennial Meeting of the International Society for Seed Science **and** submitted papers.

Open Access: The Editors will be able to offer a reduction in Open Access charges to authors through an arrangement with ISSS and the organisers of the ISSS Triennial Meeting.

Manuscript submission closing date: 31 August 2021, via the Seed Science Research website: <https://www.cambridge.org/core/journals/seed-science-research>

Seed Science Research, the official journal of the International Society for Seed Science, is a leading international journal featuring high-quality original papers and review articles on the fundamental aspects of seed science, reviewed by internationally distinguished editors. The emphasis is on the physiology, biochemistry, molecular biology and ecology of seeds.

Want to become a member of ISSS? Please join us at: <https://seedscisoc.org/membership/>

Questions?