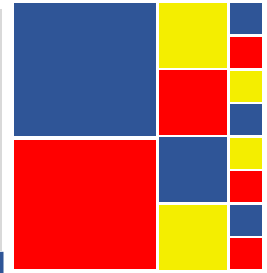




South African Journal of Science and Technology



MANDATE

The main objectives of the South African Journal of Natural Science and Technology (SATNT) are:

- to serve as an open-access peer-reviewed science journal in which South African research results from the natural sciences and technology can be published for international exposure.
- to offer Afrikaans-speaking scientists the opportunity to publish research results in their mother tongue.
- to give recognition to scientists of other languages by accepting submissions in English which will also be translated into Afrikaans upon publication.
- to maintain and further expand the Afrikaans natural science and related technology subject language.

HISTORY

On an academic level, the *Tydskrif vir Wetenskap en Kuns* was published since 1922 under the editorship of dr. D.F. Malherbe. In 1948, however, the Engineering Department of the SAAWK decided to start publishing the *Tydskrif van die Ingenieursafdeling* of the SAAWK (under the editorship of Mr. S.A. Malan) separately. This magazine's mandate was extended in 1949, after which it was replaced by the magazine *Tegnikon* under the editorship of Mr. F.S. Uys. In 1961, it was decided to split the *Tydskrif vir Wetenskap en Kuns* into two, from which the *Tydskrif vir Geesteswetenskappe* (under the editorship of Prof. P.J. Nienaber) and the *Tydskrif vir Natuurwetenskappe* (under the editorship of Dr. A. Strasheim) see the light. In 1982, *Tegnikon* and the *Tydskrif vir Natuurwetenskappe* merged to form the South African Journal of Science and Technology (*Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tegnologie*: SATNT) - at that time still under the editorship of dr. A. Strasheim. After 2000, Prof J.N. Eloff appointed as the Chairman of the Editorial Committee of the SATNT. With new developments in computer communication technology, the first electronic online edition of the SATNT is published in 2012. Between 2013 and 2016, prof. J. G. Maree left as the Executive Editor, and after 2016 Prof J.N. Eloff again appointed the Executive Editor of the SATNT. Prof. Ooppel B.W. Greeff then took over

as Editor-in-Chief in January 2021 - a position he held until the end of February 2023. Since March 2023, prof. Hannes Rautenbach appointed as the Chief Editor of the SATNT.

PUBLICATION STRATEGY

The Editorial Board welcomes good quality South African related manuscripts on a wide range of research in the natural sciences and technology. Manuscripts will immediately appear online as articles after acceptance, and at the end of each year all the Afrikaans articles will be published and issued in a paper-printed form of the SATNT.

English manuscripts are also accepted. If an English manuscript is approved for publication, it is also translated into Afrikaans, after which both the Afrikaans and English articles will be published. There are no costs associated with articles originally submitted as Afrikaans manuscripts. For an English article, a publication fee of R2,500.00 is charged, as well as half of the costs incurred for translation services - the other half is paid by sponsors. Among other things, English manuscripts will also be sent to international reviewers for selection.

The Afrikaans publication, and if there is an English version available online, will have exactly the same reference under the Afrikaans or English title, namely the South African Journal of Science and Technology.

ACCREDITATION AND LIMITATION

All research publications in the SATNT qualify for a subsidy from the Department of Higher Education and Training (DHET) at the university or research institution to which the authors are affiliated.

However, the DHET places the restriction that no more than 25% of the total number of publications within the scope of a year may come from a single university or research institution. Publications from more than one university or research institution are therefore published online immediately after acceptance, while publications from a single university will be withheld online if more than 25% of publications from that institution have already been received. Authors are therefore encouraged to collaborate with colleagues at other universities or research institutions.

DISTRIBUTION AND INDEXING

The full text of each article is stored immediately and permanently after publication in the SATNT archives of the major bibliographic databases below:

DHET SA List, Thomson Reuters Web of Science Other Coverage, BIOSIS Previews, Directory of Open Access Journals (DOAJ), EBSCO Host, GALE, CENGAGE Learning, Google Scholar, ProQuest, Norwegian Register for Scientific Journals, Series and Publishers, Level 1, Portico, Medpharm Library, SA ePublications, Sabinet, South African Government Libraries. All papers published since 1982 are available on the SATNT web site.

ACCESS TO CONTENT

The SATNT provides immediate open access to its content. Through this, the journal supports the principle that free access to research promotes the global exchange of knowledge.

SUPPORT

Through the excellent sponsorships we receive, among others from the Hiemstra Trust and the Het Jan Marais Fonds, no publication costs are charged for Afrikaans contributions, but R2,500 for contributions in English. The published manuscripts can be immediately published elsewhere on research platforms, such as e.g. ResearchGate, is posted to increase the visibility of the manuscripts. The editing process is set up so that manuscripts can be posted online, reviewed and edited with little effort. Although the SATNT is published and financed under the auspices of the SAAWK, the manuscript management and translation are handled by independent contractors.