




**CALL FOR ABSTRACTS**

# BUILDING RESILIENCE THROUGH WIND POWER

 **OCTOBER**  
1 - 3, 2024

 **TIME**  
08:30 AM - 17:00PM

 **CAPE TOWN**  
CTICC 2





CALL FOR ABSTRACTS



# ABOUT WINDAC

The South African Wind Energy Association (SAWEA) will be hosting its 7th Annual WindAc Africa Conference in October 2024, alongside the Windaba Conference and Exhibition, at the Cape Town CTICC 2.

WindAc Africa has a vision to become the pre-eminent academic wind conference in Africa, while simultaneously becoming the leadership sponsorship opportunity for excellent wind energy students from Southern African research institutions. It sets out to achieve this status by elevating knowledge of wind power supply throughout Africa and worldwide, while also strengthening the cooperation between African universities and the wind industry. This conference creates a platform to encourage students to continue with their academic path aligned with wind energy. It further provides an opportunity to network with peers and leading industry experts.

## PROPOSED CONFERENCE FOCUS AREAS

- Unlocking grid capacity for integration of wind energy into the grid
  - Hybrid projects in the new energy paradigm
  - Wind energy policy and its impact role on in a clean energy transition as part of the long-term energy mix
  - Wind energy and green hydrogen
  - Wind energy's role in the new African market
  - The wind resources in Africa, its potential to support socio-economic growth and energy security
  - Tackling the challenges to the accelerated roll out of wind energy including but not limited to policies, supply chain and logistical hurdles
  - The future of public & private procurement and wind energy
  - The economics and market dynamics of wind energy
  - Innovative operation and maintenance techniques of wind plants for enhanced asset performance
  - Advancement of wind turbine technology for C&I and utility scale markets
  - End of life planning, circularity, and sustainability of wind energy
  - Wind energy localisation
  - Offshore wind – policy requirements, feasibility, development and pathways in South Africa
  - Social and environmental impact of wind energy
- Please Note:** Presenters should strongly consider illustrating their work and research in the form of case studies.

## SPECIFICATIONS & SUBMISSION PROCEDURE

The abstract should be no more than one page using the typeface and point size of respectively Times New Roman and 12pt and should be structured as follows:

- Introduce the research field and the particular problem investigated briefly;
- A statement of the objective/importance of the problem under investigation;
- An indication of the study design and setting, key findings/contributions/results;
- In conclusion, present a compelling argument which indicate what the implications for future or existing developments are.

### SUBMISSION CLOSING DATES:

All abstracts: 02 August 2024

Full Paper: 23 August 2024

### NB: Researchers may elect to

- 1) Submit an existing manuscript with published work or
- 2) Submit new unpublished findings