



Wind Atlas for South Africa (WASA)

Numerical Wind Atlas for All South Africa

Programme for WASA Mid-term Workshop 2018

20 June 2018, Cape Town, SARETEC

Venue: *South African Renewable Energy Technology Centre (SARETEC), Sacks Circle, Bellville, Cape Town, GPS Coordinates: 33°55'46.5"S, 18°38'30.4"E*

https://www.saretec.org.za/images/assets/SARETEC_Location_Map.pdf

Chair: DoE

09:30 – 10:00 Coffee/tea + registration

10:00 – 10:15 [Welcome, Introduction](#) – purpose of the day and intro to WASA partners (SANEDI)
– WASA Partner short introductions

10:15 – 10:45 **WASA project description**

- [Wind atlas methodology](#) – the why and the how (DTU)
- [WASA programme, its phases, and work packages](#) – the what (CSIR)

10:45 – 11:15 Coffee/tea break

11:15 – 13:00 **WASA project results by June 2018**

- [Numerical Wind Atlas for All South Africa](#) (DTU)
- [Measurements and observational wind atlas](#) (CSIR)
- [Atlas QC approach](#) (CSIR)
- [Microscale modelling and validation](#) (DTU)
- [Extreme wind atlas for South Africa](#) (SAWS)
- Q&A

13:00 – 14:00 Lunch break

14:00 – 15:30 **Wind Atlas for South Africa Application**

- [Application for planning purposes](#) (DTU)
- [Education](#) (SANEDI, UCT)
- [Applied research](#) (CSIR)
- WASA web sites, download, modelling, case studies, guidelines (DTU)
- Q&A

15:30 Closing (DoE) Coffee/tea break

15:30 – 17:00 **OPTIONAL Interaction with users (volunteers, coffee/tea)**

Stay and meet the WASA partners

Software clinic – try the "Numerical Wind Atlas for All South Africa" in your software (DTU and CSIR)