

Wind Atlas for South Africa (WASA)

First Verified Numerical Wind Atlas for South Africa

Programme for WASA Mid-term Workshop

14 March 2012, Gauteng (Saint George Hotel)

16 March 2012, Cape Town (River Club)

Chair: Thembakazi Mali

08:30 – 09:00 Coffee + registration

09:00 – 09:15 Welcome, Introduction

09:15 – 10:00 **WASA project description**

- Wind atlas methodology – the why and the how (*JCH, DTU*)
- WASA brief, recap of work done and status – the what (*Eugene, CSIR*)
 - WP1, WP2, WP3, WP4, WP5

10:00 – 10:30 Coffee/tea break

10:30 – 12:00 **WASA project description cont.**

- “First Verified Numerical Wind Atlas for South Africa” (*JB, DTU*)
 - Overview – results, verification, uncertainties and recommendations
- Q&A

12:00 – 13:00 Lunch break

13:00 – 14:30 **Application of Wind Atlas for South Africa**

- How to use the Wind Atlas for South Africa? (*Steve, CSIR*)
 - WASA web sites, Tadpole, WASP, Guidelines (CSIR online)
 - Wind Farm Case studies and examples (*Eugene, CSIR*)
 - Resource mapping in sample areas (*Niels, DTU*)
- Thoughts on limitations and uncertainties (*Chris, UCT*)
- Questionnaire introduction and feedback (on web site too) (*Eugene*)
- Q&A

14:30 – 16:00 **Interaction with users (volunteers, coffee/tea)**

Software clinic – attendees are invited to use the “First Verified Numerical Wind Atlas for South Africa”
(*Niels, DTU Wind Energy and Eugene, CSIR*)

- Q&A

16:00 Closing