

Introduction to offshore wind resources



Tuesday 25 October 2005

Prior to Copenhagen Offshore Wind Conference,
at Risø National Laboratory, Roskilde, Denmark

Course outline

The course is intended for wind energy developers, engineers, scientists and others, working within the field of offshore wind energy. The course will present an introduction to offshore wind resource measurements and modelling with a focus on the WASP family of models. Aspects of the theories underlying the concepts will be presented, but the course will require some knowledge of meteorology, wind energy conversion technology etc. Some experience in using the WASP program is assumed for the exercise in using WASP offshore.

Program Tuesday 25th October (H.H. Koch Auditorium)

9:00	Welcome, registration & coffee
9:10	Introduction to offshore wind resources
9.45	Offshore measurements
10:30	<i>Break</i>
10:45	Use of satellite data
11:30	Short-term forecasting offshore
12:15	<i>Lunch</i>
13:00	WASP Engineering
13:45	Using WASP offshore
14:30	<i>Break and test of PC's</i>
15:00	WASP offshore example (hands on)
17:00	<i>Close</i>

Course fee

The course fee covers tuition, course materials, lunch and light refreshments. Travel to the course and accommodation are not included. The cost is €550.

Presenters

Rebecca Barthelmie, Ole Frost Hansen, Charlotte Bay Hasager, Niels Gylling Mortensen, Lisbeth Myllerup, Hans Jørgensen, Ole Rathmann, Gregor Giebel.

Language

The language will be English.

Registration

To register an interest in this course please email: R.Barthelmie@risoe.dk. Further details will then be emailed to you. A binding registration must be received no later than September 15th 2005. Confirmation, practical details and an invoice will subsequently be mailed by Risø.

Practical details

To participate, please bring a notebook PC with the WASP program installed. No basic WASP training will be given. A minimum number of 8 participants is required and the maximum number will be 20.