

Wind and Site Meso-scale Specialist

Reference code 00000646



No.1 in Modern Energy

Power your life

Vestas offers you challenging, global career opportunities in cleantech. Our 23% market share makes us the world leader in modern energy. We have installed more than 35,000 wind turbines worldwide and we reduce CO₂ emissions by more than 40 million tons per year. In 2008, our 15.305 employees will welcome 2,500 new colleagues. Care to join us?

Department

The *Vestas Wind & Site Competence Centre* is globally responsible for development and implementation of new tools and methodologies for adequate micro siting, terrain and climatic evaluation, wind resource mapping and wind turbine load evaluation. The centre coordinates wind and site related activities with colleagues around the world and is searching for a specialist in Meso-Scale Modelling.

Responsibilities and Tasks

You will assist in development of wind resource analysis tools. You will participate in international research projects and be a part of our corporation with Danish as well as international research institutes and Universities. Your tasks include

- Wind resource assessment with meso-scale modelling
- Developing the meso-scale modelling capabilities of the group
- Undertake site layouts from wind analysis to complete layout
- Site visits with the purpose of providing information on site and wind assessment
- Participate in resource assessment projects
- High interaction with our CFD group.

Qualifications and Work Experience

- You are an independent person as well as a team-player.
- Master's or PhD in Atmospheric/Physical Sciences or Engineering Sciences.
- Experience in developing and utilizing meso-scale numerical weather prediction models and statistical models.
- Experience in using re-analysis sets such as NCEP/NCAR, ECMWF
- Sound understanding of synoptic atmospheric processes.
- Knowledge of terrestrial boundary layer modelling.
- Experience working with high performance computing environments (parallel computing etc.)
- Knowledge of Linux/Unix computing environments.
- You work in a structured and systematic manner which makes it easy for you to meet deadlines. It is decisive for success in the position that you are goal-oriented and quality-conscious.
- Excellent knowledge of English.

We offer an exciting and international job in a project oriented company that offers terrific professional and personal development possibilities for the successful candidate.

Additional Information

Primary work location is Randers, Denmark, but travel activities must be expected.

Want to Know More?

You are welcome to obtain further information at Lars Christian Christensen (+45 2223 5039). Send your application via email to Lena Engel Vad, lev@vestas.com so that it is received no later than May 15, 2008.