

Role Definition

Job Title: Environmental Design Analyst
Reporting to: Head of Specialist Modelling Group (SMG) on a day to day basis and ultimately to the Senior Partner

Objective: To assist on the Practice's environmental simulation and analysis work

Responsibilities:

- Conduct research and simulation on the solar, daylight, thermal, acoustic and airflow aspects of building design
- Advice and support design teams in the integration of environmental design concepts and the assessment of building performance
- Support design teams in the use of environmental simulation tools
- Devise methodologies for analysis and visualisation of specific environmental design problems
- Liaise with the other members of the Specialist Modelling Group towards the integration of environmental parameters on the generation of architectural form
- Analyse and recommend environmental design strategies for individual projects
- Thorough knowledge of and compliance with Foster + Partners procedures and standards
- Contribute, or otherwise assist, as required

Qualities and Skills required:

- Able to demonstrate ability to undertake the above responsibilities
- Legally able to work in the country the position is based
- Good undergraduate degree in an Architectural or Engineering related field
- Masters degree in Environmental Design or equivalent relevant experience
- Comprehensive understanding of bioclimatic, low-energy and passive design of buildings
- Advanced knowledge of building environmental simulation software tools
- Understanding of Environmental Assessment procedures
- Proficient in Computer Aided Design, preferably Microstation
- Excellent graphic and communication skills
- Able to disseminate their research knowledge to the Practice
- Enthusiasm to progress Environmental Design issues as the central part of the individual's career development
- Able to manage and prioritise tasks and time efficiently
- Resilient to cope with conflicting demands
- Able to work under pressure and to tight deadlines
- Able to demonstrate Initiative and a proactive approach to daily tasks
- Good interpersonal skills and able to work independently and as part of an effective team
- Methodical and accurate and consistent attention to detail
- Excellent organisational skills
- Able to manage sensitive and sometimes confidential information
- Self motivated and able to take responsibility
- Flexible attitude
- Able to build good relationships at all levels, internally and externally

This description reflects the core activities of the role but is not intended to be all-inclusive and other duties within the group/department may be required in addition to changes in

the emphasis of duties as required from time to time. There is a requirement for the post holder to recognise this and adopt a flexible approach to work. Job descriptions will be reviewed regularly and where necessary revised in accordance with organisational needs. Any major changes will be discussed with the post holder.