



CONSULTING ENGINEERS

## Nicholas J Cook Director, RWDI Anemos

### *Wind Engineering Consultant*

32 years' experience of:

- advising consulting engineers and building owners on design wind loads and structural response of buildings
- conducting wind tunnel tests for wind loading, response of buildings and wind environment
- design and development of equipment to apply wind loads to buildings (BRERWULF)
- advising government and regulatory bodies on design regulations and codes of practice
- developing and publishing guidance and tools for designers
- drafting codes of practice for wind effects on buildings
- arbitrating in disputes between design consultants and checking authorities
- technical representation on committees, steering groups and boards.

### *Qualifications*

Academic: DSc(Eng); PhD; BSc(Eng)  
Professional: FREng; FICE; FIStructE; CEng.

### *Employment*

Currently: Director of RWDI Anemos (Anemos Associates Ltd)

Previously: Professor of Industrial Aerodynamics, University of Bristol; Wind Engineering Consultant, *NJC*  
Wind Engineering; 22 years at UK Building Research Establishment rising to position of Director,  
Geotechnics and Structures

### *Experience*

#### **Advice to designers and building owners**

Experience from 1973 in applying current detailed knowledge of wind effects on buildings, including current and past codes of practice, to determine design wind loading and response, to alleviate wind-induced problems and to investigate structural failures.

#### **Wind tunnel tests for design guidance**

Experience from 1971 in the prediction of design wind loads for numerous building projects by wind-tunnel testing. Designed and developed valve for BRERWULF system to apply fluctuating wind loads to buildings.

#### **Design guidance**

Author of a number of widely-respected text books commentaries on codes of practice, and more than 80 peer-reviewed scientific papers.

#### **Codes of practice and regulations**

Technical representation on UK and European code of practice committees from 1980 to present day. Principal author of BS6399-2:1997.