

MIKE GUNN CURRICULUM VITAE

M.J. Gunn MA, DipCompSci, CEng, MICE
Professor of Geotechnical Engineering



AREAS OF EXPERTISE

- Ground movements caused by the construction of the new Stakis Hotel, Paddington, London
- Settlement of the Ritz Hotel, London
- Effect of Jubilee Line construction on Thames river walls
- Predicted settlements of buildings in the City of London caused by proposed Cross Rail development
- Ground movements associated with deep basement construction, Poultry Lane, London
- Ground movements associated with construction of underpass on Blackwater Valley road, Surrey
- Ground movements for power station founded on sand

HIGHER EDUCATION

1972	B.A., Cambridge University, (Engineering Tripos).
1973	Dip. Comp. Sci., Cambridge University.
1976	M.A., Cambridge University.

PROFESSIONAL QUALIFICATION

1989	CEng, MICE
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EMPLOYMENT

1973 - 76	Engineer/Analyst, Freeman Fox and Partners.
1976 - 83	Research assistant/associate in Soil Mechanics Group, Cambridge University Engineering Department.
1983 - 94	Lecturer in Civil Engineering, University of Surrey.
1995 - date	Professor of Geotechnical Engineering, South Bank University

UNIVERSITY/FACULTY ROLE

Research Professor

PUBLICATIONS

A book and approximately 60 refereed publications in journals and conference proceedings including:
Britto, A.M. & Gunn, M.J. (1987), Critical state soil mechanics via finite elements, Ellis Horwood, 488 pp.

RESEARCH

EPSRC funded research

- The effect of rising groundwater levels in London
- Measurement of ground stiffness and prediction of settlements using geophysical testing (seismic surface waves)
- Installation effects for retaining walls
- Monitoring ground movements and earth pressures for retaining walls on the Blackwater Valley Road