



• THE BRITISH •
GEOTECHNICAL
ASSOCIATION

BALLOT PAPER 2015

The following four named individuals have agreed to be nominated for the three vacancies on the BGA Committee.

Brief biographical details are enclosed. Members must vote for not more than **THREE** candidates. **Do not sign the ballot form.** *Please do not send by fax or email.*

ONLY ORIGINAL FORMS WILL BE ACCEPTED.

The BGA Coordinator at the Institution of Civil Engineers must receive forms by **Wednesday 10th June 2015 at 5.00pm**. The result of the ballot will be announced at the Annual General Meeting which will be held during the Annual Conference on **Wednesday 17th June 2015**.

	Mr Kelvin Higgins <i>Proposed by J Legge, P Rutty, H Skinner</i>
	Dr Jason Le Masurier <i>Proposed by T Chapman, M Davies, D Muir Wood</i>
	Mr Miguel Pacheco Andrade <i>Proposed by R Jardine, A Muir Wood, F Schroeder</i>
	Dr Rob Talby <i>Proposed by P Ingram, P Rutty, G Taylor</i>

Members are asked to make their choice by placing a cross against up to **THREE** candidates and return the **ORIGINAL BALLOT PAPER** to:

BGA Coordinator
Institution of Civil Engineers
1 Great George Street
LONDON SW1P 3AA

BALLOT PAPERS WHERE VOTES ARE CAST FOR MORE THAN THREE CANDIDATES WILL NOT BE ACCEPTED

BGA EXECUTIVE COMMITTEE – 2015 ELECTION

CANDIDATES' BIOGRAPHICAL DETAILS

Kelvin Higgins

I am a Senior Partner in Geotechnical Consulting Group (GCG), a Visiting Professor at Imperial College and an UK Registered Ground Engineering Advisor. After graduating from Birmingham University, I joined Sir Alexander Gibb & Partners (now Jacobs). While with Gibb I obtained a MSc from Imperial College. Subsequently I joined GCG.

In my early career I worked primarily on embankment dams and excavations. During this period I developed an interest in numerical analysis which I developed further when I joined GCG. My professional interests have broadened to include monitoring and the impact of construction on services and infrastructure. In recent years I have worked on a number of major schemes in the urban environment interfacing with engineers from different disciplines, architects, lawyers and other professionals. As a result I am very sensitive to the requirements of different stakeholders.

I have served and currently serve on a number of ICE panels including the BGA Committee between 2000 and 2003. At present I am a member of CIRIA's geotechnical advisory panel. Throughout my career I have maintained an interest in research and development. I am very keen to ensure that the results of research find their way into industry to help enhance our profession. The annual BGA event is an excellent way of doing this but I hope that I could find ways to develop this further if I were elected to the Committee. I can see that there are many talented young engineers coming into our profession, not all by traditional routes. I am therefore also keen to promote the value of geotechnical engineering within civil engineering and to look to find ways of demonstrating the value of good practice to other engineers. My hope is that this will give these young engineers the opportunity to demonstrate their value and to become more deeply involved in the many fascinating projects that appear to be on the horizon.

Jason Le Masurier

Consultant promoting the use of observational methodology in construction and facilitating project teams who choose to use this approach, through provision of support in process design, collaborative working and BIM technologies.

Oct. 2010 – Mar. 2012 Teaching Fellow, Department of Architecture and Civil Engineering, University of Bath
Responsible for developing, teaching and assessing two construction management units for the undergraduate Civil Engineering degree

Dec. 2001- Jan. 2010. Senior Lecturer, Department of Civil and Natural Resources Engineering, University of Canterbury, New Zealand.

Course coordinator and lecturer for the undergraduate second year 'Infrastructure Management' and final year 'Management of Engineering Systems' courses.

University of Bristol Doctoral Research Associate (Mar. 1997- Feb. 2001)

Managed and carried out research in collaboration with 12 industrial partners to develop systems to support the Observational Method in geotechnical engineering. This involved interviewing experts in the field and numerous case studies of construction projects in the UK and worldwide followed by an EPSRC Technology Transfer Secondment to Ove Arup and Partners, London where I worked as part of a design-build team on a complex deep basement construction in the City of London, employing the Observational Method to make continuous improvements to the design and construction sequence.

Jan. 1996 - Feb. 1997. Research Assistant, University of Wales, Cardiff.

Experimental research to investigate the interaction mechanisms between soil and soil nails to predict deflections for use in limit state soil nailing design.

Oct. 1990- Dec. 1995. Geotechnical Engineer, Acer Consultants Ltd.

Design of tunnels and foundations of various types. Contract administration and supervision of ground investigations and interpretative reports. Land-based and marine site investigations with responsibility for the design, compiling contract documents, tendering, site supervision and interpretive report writing. Geotechnical desk studies and design work for highway and sewerage projects.

Miguel Pacheco Andrade

Miguel is a Chartered Engineer with over 8 years' experience in site investigation, laboratory testing and geotechnical design of offshore structures. Since the end of 2014, Miguel has been working for Dong Energy, the largest UK offshore wind developer. Based in their London office, he is part of a fast growing in house geotechnical team responsible for the ongoing design of more than 4GW of offshore wind power. Miguel has a keen interest in developing new methods for the design and interpretation of the behaviour of offshore foundations. He is part of the PISA research project supervision team, a Dong led JIP aiming to develop new design methods for laterally loaded large diameter piles. Miguel's professional career started with Fugro in 2006, designing and leading the execution of ground investigation, site characterisation and advanced laboratory testing campaigns for projects in a variety of soils. Whilst at Fugro, he spent significant periods offshore, working on some of the most challenging Oil & Gas and Renewables projects in Europe, Africa and South America. In 2012 he moved to Atkins Ground Engineering, where he helped develop Atkins into a key player in the field of geotechnics for offshore renewable projects and led their London based offshore geotechnical team.

As a young, practicing engineer with unique experience from working for a contractor, a consultant and now with a client/developer, Miguel hopes to make a valuable and constructive contribution to the continuing success of the BGA.

Rob Talby

I am a geotechnical engineer with 19 years' experience of design and construction of foundations and subsurface structures for building and infrastructure projects in the UK, Canada, Europe, USA, Middle East and Far East. I have worked on subways, light rail transit systems, shafts, highways, deep piled basements, cut and cover tunnels, bridge foundations and abutments, ground improvement, grouting of coal workings, earthworks and reinforced earth structures. Currently I am a project director at Mott MacDonald, where my principal role is geotechnical lead for the Bank Bloomberg Place project in London, responsible for the geotechnical design of two new adits to connect into the existing LUL Bank Station and potential damage assessment for third party and LUL Structures. Previously I worked for Arup Geotechnics for 14 years in the UK, USA and Canada, where I was the geotechnical lead in their Sheffield, New York and Toronto offices respectively. I was responsible for the geotechnical design of York University and Vaughan Subway stations in Toronto, Billy Bishop pedestrian tunnel in Toronto, the St Laurent and Beauharnois Canal river bridges in Montreal, Torre Reforma Tower in Mexico City, East Riverside Waterfront in New York, T4 at JFK airport in New York, 6 buildings for New Songdo City in South Korea, South Stand at Twickenham Rugby Ground, and earthworks design for the M6 Toll road around Birmingham. Prior to working for Arup, I worked for 5 years for Buro Happold, where I was a geotechnical engineer assisting with the foundation designs for the Great Court project for the British Museum, the Glasgow Wing Tower and carried out potential damage assessments for the Blackwall Tunnel for the O2 Arena (formerly Millennium Dome). I completed my PhD in the 'Behaviour of buried pipes and tunnels', Loughborough University, UK in 1998, and have co-authored 11 technical papers.

I have been a chartered member of the ICE since 2001. I was a committee member of the ASCE Geotechnical Society Organising Committee in New York from 2008 to 2011, and was the chair of this Committee in 2011.