



Charity Number 284131

**THE BRITISH GEOTECHNICAL ASSOCIATION**

Annual Report and Financial Statements for the year ended 31 December 2023

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**LEGAL AND ADMINISTRATIVE INFORMATION**

The British Geotechnical Society was formed in 1949 as an unincorporated association. It became a registered charity by statutes adopted December 1981 as amended in January 1997. It became the British Geotechnical Association by statutes adopted in June 2000 and amended in June 2005, June 2011 and June 2017. The charity number is 284131.

**The charity trustees who served during the year were:**

|  |   |
|--|---|
|  | <u>Co-opted</u>   |
| Prof D Toll, Chair (to 21 June 2023)               | Prof K Higgins, Immediate Past Chair - ex officio (to 21 June 2023) |
| Dr A Ridley, Vice Chair (to 21 June 2023)          | Prof K Higgins (from 21 June 2023)                                  |
| Dr A Ridley, Chair (from 21 June 2023)             | Prof D Toll, Immediate Past Chair - ex officio (from 21 June 2023)  |
| Ms C Doulala-Rigby, Vice Chair (from 21 June 2023) | Ms E Riley (ECG) (to 21 June 2023)                                  |
| Mr C Barker (to 21 June 2023)                      | Mr G Evans (ECG) (to 21 June 2023)                                  |
| Ms S Markvukaj (to 21 June 2023)                   | Dr C Wong (ECG) (from 21 June 2023)                                 |
| Mr D Daskalopoulos                                 | Dr P Shukla (ECG) (from 21 June 2023)                               |
| Dr G Katsigiannis                                  | Mr J Davis (EGGS)   |
| Eur Ing Dr S Thomas                                | Dr T Le (Rankine Lecture)   |
| Dr K Briggs  |   |
| Dr K Tsiampousi                                    | <u>Guests</u>   |
| Prof G Viggiani                                    | Dr J Lawrence (ISRM)  |
| Dr P Ferreira (from 21 June 2023)                  | Mr P Perry (BTS)  |
| Ms Z Mavrommati (from 21 June 2023)                | Eur Ing N Smith (UK RoGEP, ISSMGE)                                  |
| Dr H Yeow (from 21 June 2023)                      | Mr E Linde-Arias (IMMM) (to 21 June 2023)                           |

**The method of appointment or election of trustees and the name of any body or person entitled to nominate or appoint one or more trustees is as follows:**

The Trustees of the British Geotechnical Association are the members of its committee.

The committee comprises:

- Chairman
- Vice-Chairman
- 2 Representatives of the Institution of Civil Engineers
- 9 Elected Members
  - 1 Representative of the Geological Society of London (Geol Soc)
  - 1 Representative of the Institute of Materials, Minerals and Mining (IMMM)
  - 1 Representative of the British Tunnelling Society (BTS)
  - 1 Representative of the International Society for Rock Mechanics (ISRM)
- Co-opted members

The Chairman and Vice Chairman of the Association shall be elected by members of the committee.

Only members of the Association shall be members of the Committee. This requirement may be waived if the Committee agrees.

The members to be elected by ballot shall be nominated by not less than three members of the Association.

Honorary Officers shall not be entitled to vote at Committee Meetings.

Details of Membership classes are under Association Organisation.

## LEGAL AND ADMINISTRATIVE INFORMATION

The principal office of the charity is:

One Great George Street  
Westminster  
London SW1P 3AA

Names and addresses of other relevant organisations:

### **Bankers**

CAF BANK Limited  
PO Box 289  
West Malling  
Kent ME19 4TA

### **Solicitors**

Solicitors are appointed from time to time as the need arises.

### **Independent examiner**

Jonathan Healey FCA  
Lindeyer Francis Ferguson Ltd  
Chartered Accountants  
North House  
198 High Street  
Tonbridge, Kent  
TN9 1BE

### **Investment Advisers**

Coutts & Co  
440 Strand  
London WC2R 0QS

## OBJECTIVES, POLICIES AND ORGANISATION

### Investment Policy

Management of investments is delegated by the Committee to Coutts & Co. The fund is managed with an emphasis on long term capital growth (eight years or longer) and a moderate to high approach to risk.

### Reserves Policy

The trustees consider it prudent to keep unrestricted reserves at levels which ensure that there are sufficient funds to meet the needs of current and future activities. The activities of the Association are largely regular and predictable in the medium to long term. Reserves can therefore be relied on to act as contingency in the event of income flows being disrupted. Reserves have increased this year due to the removal of Covid restrictions. Contrary to expectations, the Geo-Resilience 2023 conference income exceeded expenditure, resulting in an increase in the reserves. Our unrestricted free reserves amounted to £549,896 (2022 - £543,756). To reduce the reserves, the Association have implemented further initiatives that support its objectives. These initiatives have been implemented already or will become active in 2024. Such initiatives include free membership for students, introducing a Research & Development Fund to support developments in the industry, creating a Publicity Campaign to increase engagement in the geotechnical engineering sector and hosting special events for Geotechnologists.

### Charity objectives

The objects of the Association are the advancement of public education in the subjects of soil and rock mechanics and engineering geology and in their application to engineering.

### Summary of policies adopted to further the objects of the Association

- a) To hold regular meetings for discussion of subjects lying within the above fields.
- b) To arrange for the holding of periodical and regional conferences, symposia and seminars.
- c) To co-operate in the activities of International Societies of which the British Geotechnical Association is a member and with such bodies as may be appropriate.
- d) Generally promote training courses and seminars in the field of geotechnology.
- e) To do lawful things as shall further the above objects.

There are no changes in the Association's objects from the previous year.

### Association Organisation - Committee

The affairs of the Association are managed by the Committee.

### Membership

Individual membership shall be open to those professionally engaged or otherwise actively interested in work lying within the scope of the Association, upon payment of the appropriate entrance fee and annual subscription.

Corporate membership shall be open to all organisations, or parts of organisations, engaged or otherwise actively interested in any aspect of geotechnical engineering.

Subscriptions may only be modified with the approval of the Annual General Meeting or a Special General Meeting.

## OBJECTIVES, POLICIES AND ORGANISATION

### Sponsorship

The following three bodies shall be associated in the sponsorship of the Association.

- a) The Institution of Civil Engineers
- b) The Institute of Materials, Minerals and Mining
- c) The Geological Society of London

## REVIEW OF DEVELOPMENTS AND ACHIEVEMENTS DURING THE YEAR

### 1 COMMITTEE STRUCTURE AND ACTIVITIES

At the start of 2023 Professor David Toll was the BGA Chair. Dr Andrew Ridley took over the role of Chair of the Association in June 2023 and Mrs Yuli Doulala-Rigby was appointed as Vice-Chair. Both took on their respective roles for a 2-year term. We thank Professor Toll for his leadership since 2021 and for agreeing to remain on the Executive Committee as Immediate Past Chair. Mrs Yvonne Ainsworth stepped down as Honorary Treasurer and was replaced by Mr Tony Bowerman. We thank Yvonne for her service and Tony for his willingness to take over the role. The other Honorary Officers remained in post.

- Mr Nick Armstrong, Honorary Secretary
- Dr Martin Preene, Honorary Communications Officer.

These roles are key to the continuity and smooth running of the BGA. They ensure that the Association fulfils its obligations and that the statutes are complied with. Our thanks are also due to Nick and Martin for their hard work and dedication to the affairs of the Association.

The terms of office for Ms Stephanie Markvukaj and Mr Chris Barker came to an end in June 2023. They were very active members of the committee and we thank them for their service.

Dr. Pedro Ferreira, Christina Mavrommati and Mr Hoe Chian Yeow were elected to the Committee by the membership and started their terms of office in June 2023. We welcome them and thank them for volunteering.

In addition Emily Riley and Gary Evans stepped down as co-chairs of the Early Career Group and were replaced by Palak Shukla and Cacin Wong.

The Executive Committee is divided into a number of sub-committees and the following people have had particular responsibilities during 2023:

- Truong Le is a guest member of the committee with responsibility for organising the Rankine lecture and associated events.
- Dimitrios Daskalopoulos led the prizes and awards sub-committee.
- Georgios Katsigiannis co-ordinated organising the evening meetings.
- Katerina Tsiampousi led the group organising events for Young Professionals which included the Cooling Prize. Mr Sergio Solera continued as a guest member of the Committee to support the Cooling Prize activities.
- Palak Shukla and Dr. Cacin Wong represented the Early Career Group (ECG). Cacin took maternity leave during the term and was replaced by Cheng Wei Kwang.
- Dr. Stephen Thomas developed a programme of events for Geotechnologists.
- Dr. Kevin Briggs continued in the role of liaising with Regional Groups.
- Tony Bowerman continued as the BGA's representative on the Ground Forum.
- Yuli Doulala-Rigby continued as the BGA's representative on the Ground Engineering editorial panel.
- In his role as BGA Treasurer Tony Bowerman assumed responsibility for administering the BGA Fund.
- In his role as Vice Chair Dr Andrew Ridley organised the 2023 Annual Conference and was assisted by Ms Kate Beardsley, Dimitrios Daskalopoulos and Professor Guilia Vigiani.
- Professor Kelvin Higgins assumed the role of ICE representative.
- Neil Smith continued as ISSMGE liaison and James Lawrence as ISRM liaison.
- John Davis represented the Engineering Group of the Geological Society (EGGS).
- Paul Perry represented the British Tunnelling Society (BTS).
- Emilio Linde-Arias represented the Institute of Materials, Minerals and Mining (IOM3).
- Mr Dave Woods represented the International Geosynthetics Society (IGS).
- Mr Adam Latimer represented the Association of Geotechnical and Geo-environmental Specialists (AGS).
- Ms Nia Kajastie represented Ground Engineering Magazine (GE).

## REVIEW OF DEVELOPMENTS AND ACHIEVEMENTS DURING THE YEAR

### 2 MEETINGS

BGA events held during 2023 included the 61st Rankine Lecture, the John Mitchell Lecture, the Fleming Award, the Cooling Prize, the Géotechnique Lecture, the Annual Conference and five evening meetings. Most events in 2023 were organised as hybrid events allowing on-line attendance. The exceptions to this were the Annual Conference and the Annual Lecture/Dinner.

In January 2023 the John Mitchell Lecture was delivered by Professor Mike Winter on 'Road asset, socioeconomic and fatality risk from debris flow'. 72 people attended the lecture and 162 watched it online.

A joint meeting of the BGA and the Engineering Group of the Geological Society (EGGS) was held at Burlington House in March 2023. The talk on "Case histories of the impacts of chemical and microbiological processes in geotechnical engineering" was presented by Professor Stephan Jefferis

The 61st Rankine Lecture was delivered by Professor John Carter of University of Newcastle in Australia on "Constitutive Modelling in Computational Geomechanics". It was held as an in-person event with approximately 800 attendees and was also watched worldwide as a live webcast by 340 people. The Lecture and the Rankine Dinner were held at Imperial College London on 15 March 2023.

Also in March 2023 the 54th Cooling Prize Competition was hosted by the Wales Ground Engineering Group as part of the Georesilience Conference. The winner was Diarmid Xu of University of Cambridge with a presentation on "Response of rock-scour protection to earthquake induced liquefaction for offshore wind applications".

In April 2023 a hybrid evening meeting on "Resilient Geotechnics: Water Management Strategies for Construction" was presented by Dr Stephen Thomas of OGI Limited. 12 people attended the meeting and 109 people watched it online.

In May 2023 a hybrid BGA Evening Meeting on "Gravity storage systems and geo-hydrogen systems" was presented by Ethan Jones of Gravitricity. 35 people attended the event and 50 people watched it online.

The BGA/IGS (UK) Invitational Lecture "Innovation, Progress and Geosynthetics on HS2" presented by Nick Sartain of HS2 Limited was held at the ICE in October 2023. 34 people attended the event and 75 people watched it online.

Also in October the BGA held an on-line only event to introduce the Geotechnologists Network. 26 people attended.

In November 2023 a hybrid BGA Evening Meeting on "InSAR and Earth Observation Techniques for Infrastructure - a new CIRIA guidebook" was presented by Dr Skevi Perdikou of Geofem & Dr Philippa Mason of Imperial College London. 27 people attended the event and 169 people watched it online.

Also in November 2023, the Géotechnique Lecture "Bringing vegetation-based solutions into geotechnical engineering design: how do we make it happen?" was presented by Professor Alessandro Tarrantino of the University of Strathclyde in Scotland.

The 2nd online Geotechnologists event was also held in November. It was given by Mr Chris Wallace of Geolabs on "Things that affect soil strength." 118 people attended.

The Fleming Award was held in December 2023 and it was won by Ramboll, Seaway 7, SSE, GDG Limited, UWA, NGI, Ternan Energy Limited, Oxford University Innovation Limited and Dundee University. While the judging was underway, Professor David Richards of the University of Southampton gave a Keynote Lecture on "Conservatism in Geotechnical Design."

Through 2023 the ECG (Early Career Group) was extremely active, holding networking/career events in Bristol, Warwick and London as well as summer and winter social events. Their flagship event "Preparing for ICE Chartered Professional Review" was held at the ICE in February. In addition they held a 'Welcome/Annual Networking Event' at the ICE in October and a Soil Description and Logging Course at Arup's office in November. They also set up Working Groups for neurodiversity and sustainability. Follow up logging courses are planned for 2024 as well as a multi-part seminar series on the new edition of MOGE (ICE Manual of Geotechnical Engineering) and CPD (sustainability and geology based) courses.

### 3 PRIZES AND AWARDS

During 2023 the following prizes were awarded:

- The BGA Medal: K Vinck, T Liu, R J Jardine, S Kontoe, R Ahmadi-Naghadch, R M Buckley, B W Byrne, J A Lawrence, R A McAdam & F Schranz for the paper "Advanced in situ and laboratory characterisation of the ALPACA chalk research site" Géotechnique ahead of print. Published on line 25 April 2022.
- The BGA Case Histories Award: M. Chrimes and M. Preece for their papers Groundwater lowering for construction of the Kilsby Tunnel – pumping and tunnelling. Proceedings of the Institution of Civil Engineers, Engineering History and Heritage, 174, 4, 109–129 and Groundwater lowering for construction of the Kilsby Tunnel – geological and geotechnical aspects. Proceedings of the Institution of Civil Engineers, Engineering History and Heritage, 174, 4, 130–144.
- The Cooling Prize: Diarmid Xu of University of Cambridge for his work on "Response of rock-scour protection to earthquake induced liquefaction for offshore wind applications."
- The Fleming Award: Ramboll, Seaway 7, SSE, GDG Limited, UWA, NGI, Ternan Energy Limited, Oxford University Innovation Limited and Dundee University for their presentation "Ground Suction Caisson Supported Offshore Wind Farm, North Sea."
- The John Mitchell Award: Dr Barnali Ghosh (Mott MacDonald)
- The BGA Masters' Dissertation Prize: Danette Tan, Imperial College London: Assessing life extensions of ageing infrastructure

The BGA was also pleased to award Skempton Medals to Mr J. Mackey (McGee Limited) and Professor A.S. O'Brien (Mott MacDonald) in 2023. The Skempton Medal is awarded to a BGA member who has made an outstanding contribution to the practice of geotechnical engineering over a sustained period of time. The individual will not normally have received other comparable recognition in the UK. The individual's work should be closely associated with, though not necessarily carried out in, the UK.

The BGA continued to honour its commitment to supporting the furtherment of the knowledge and education of its members through the BGA Fund Award. In addition the BGA set up a new Research Development Fund to support industry and academic investigator-led applied geotechnical research aimed at generating new knowledge, with long-term benefit to the United Kingdom.

**REVIEW OF DEVELOPMENTS AND ACHIEVEMENTS DURING THE YEAR****4 COMMENTS**

In 2023 we continued to monitor the attendances at meetings, post pandemic and it continues to be low for some events, particularly the regular monthly evening meetings, although the online presence is still strong and the BGA continues to have a global reach. Actions taken for 2024 events that include the introduction of a half-day mini symposium and asking the winners of the BGA Medal and BGA Case Histories Award to present their work. This seems to have had a positive effect. We continue to have good attendances for our prestige events such as the Rankine Lecture, the John Mitchell Lecture, the Fleming Award, the Annual Conference and the Géotechnique Lecture.

The 3rd BGA biennial conference, Geo-Resilience 2023, was held in Cardiff, in March 2023. The conference attracted 189 participants and 18 Sponsor/Exhibitors. A important focus of the conference preparation was encouraging the younger members of the profession (early career professionals and students) to attend, by offering free student places and a significantly reduced registration rate for early career professionals.

A presentation at the Annual Conference in June 2023 by Dr Stephen Thomas introduced the "BGA Geotechnologists Network." This is an initiative started by past Chair Professor Kelvin Higgins. A geotechnologist is a skilled, knowledgeable and practical individual, with experience working in the Ground Engineering Industry and is unlikely to be qualified in the professional sense, nor following a traditional route towards qualification. The BGA wants to support this group of people because it recognises that they have a lot to contribute to the geotechnical community. It is doing this by organising seminars at times that are convenient for geotechnologists to attend (e.g. lunch time), on subjects that will be of interest to them, most probably of a practical nature and ideally given by geotechnologists for geotechnologists. Meetings were organised in September and October, with further events planned for 2024.

The BGA was also pleased to welcome the President of the International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE) Dr. Marc Ballouz to our Annual Conference in June. We thank Marc for making time to address our members.

In September 2023 the BGA held its first annual Lecture and Dinner at The Institution of Civil Engineers. The lecture "The historical underpinning of Winchester Cathedral – Heroic or horrific?" was presented by Professor John Burland of Imperial College. 186 people attended the lecture and 91 people attended the dinner.

At the close of 2023, the BGA had 1294 individual members, including 166 overseas members and 22 student/young members. There were also 41 corporate members, including 1 overseas corporate member. At the end of 2022 there were 977 individual members and 47 corporate members, so the individual membership of the BGA increased very significantly through 2023 with a slight decrease in corporate members. We continue to recognise the importance of attracting new, younger members to the BGA and will continue our efforts to engage, encourage and support the younger members of our profession.

**Dr Andrew Ridley (BGA Chair)**



Trustees' Annual Report for the year ended 31 December 2023

**Importance of the efforts of unpaid volunteers and provision of free facilities and services**

The success of the Association continues to depend entirely on the work of very many people, those who have served on its committees and working groups, those who have spoken and taken part in its meetings, and those who have helped in many other ways. The British Geotechnical Association would like to take this opportunity to register its appreciation of the efforts of all those who so willingly helped during the year.

**Review of the transactions and financial position of the charity**

**Unrestricted Funds**

Membership subscriptions include subscriptions to the publication *Ground Engineering*. The Committee considers the reserves to be adequate to meet its on-going activities. Surplus funds are placed on short term deposit.

A deficit of £3,175 income over expenditure for the year has decreased the unrestricted fund, which amounts to £310,676 at the year end. This compares to a deficit in the unrestricted fund of £12,949 in 2022.

**Designated Funds - Rankine Fund**

The fund balance at the year-end amounts to £235,491 after an investment gain of £23,484 compared to a loss of £30,275 in 2022 and an excess of income over expenditure of £11,987, compared to an excess of expenditure over income of £31,810 in 2022.

Investment income is used to fund the Rankine Lecture.

**Designated Funds - The BGA Fund**

The fund balance at the year-end amounts to £3,729 after awarding bursaries to five recipients, totalling £2,772 and interest received of £100, compared to £26 received in 2022.

The BGA Fund is intended to aid students and early career professionals in geotechnics and allied subjects (normally under 35 years of age) in their training, development and experience (including funding of teaching, research and travel, e.g. conference attendance, exchanges with young graduates in other countries). It is also for raising the understanding and the appreciation of geotechnics by the public, particularly pupils at schools and colleges (to further the interest in geotechnics as a career) and other technical/scientific professionals (to encourage the employment of experts in geotechnics on projects wherever appropriate).

**Degree of Financial Dependency**

As discussed above the Association is dependent on the voluntary efforts of its members.

**Risk Assessment**

A risk assessment with respect to the finances of the BGA has been carried out by the Financial and General Purposes sub-committee. A register of risks has been established which is reviewed at least annually. Where appropriate, measures have been identified to mitigate the risks the charity faces.

**Organisational Context**

The Association's role is the advancement of public education in the subjects of soil and rock mechanics and engineering geology and in their application to engineering, which is not something that can exist in isolation and there are many important links with other engineering disciplines and sciences. Although totally separate from other organisations, the Association seeks to co-operate in areas of common ground with other bodies.

The Annual Report on pages 2 to 9 was approved by the Committee on 4th June 2024 and was signed on its behalf by:



Andrew Ridley - Chair of the Committee

### Independent Examiner's Report to the Trustees of the British Geotechnical Association

I report to the Trustees on my examination of the accounts of the British Geotechnical Association for the year ended 31 December 2023, which are set out on pages 11 to 17.

### Respective responsibilities of trustees and examiner

As the charity trustees of the Association, you are responsible for the preparation of the accounts in accordance with the requirements of the Charities Act 2011 ('the Act'). I report in respect of my examination of the Trust's accounts carried out under section 145 of the 2011 Act and in carrying out my examination I have followed all the applicable Directions given by the Charity.

### Independent Examiner's statement

I have completed my examination. I confirm that no material matters have come to my attention in connection with the examination giving me cause to believe that in any material respect:

1. accounting records were not kept in respect of the Trust as required by section 130 of the Act; or
2. the accounts do not accord with those records; or
3. the accounts do not comply with the applicable requirements concerning the form and content of accounts set out in the Charities (Accounts and Reports) Regulations 2008 other than any requirement that the accounts give a 'true and fair view which is not a matter considered as part of an independent examination.

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the accounts to be reached.



Jonathan Healey FCA  
Lindeyer Francis Ferguson Ltd  
Chartered Accountants  
North House  
198 High Street  
Tonbridge, Kent  
TN9 1BE

11 June 2024

**THE BRITISH GEOTECHNICAL ASSOCIATION**  
**STATEMENT OF FINANCIAL ACTIVITIES**  
**(INCLUDING INCOME AND EXPENDITURE ACCOUNT)**  
**FOR THE YEAR ENDED 31 DECEMBER 2023**



|   | Notes    | Unrestricted<br>£ | Designated<br>£ | 2023<br>Total<br>£ | 2022<br>Total<br>£ |
|---|----------|-------------------|-----------------|--------------------|--------------------|
| <b>Income from:</b>                         |          |                   |                 |                    |                    |
| <b>Charitable activities</b>                | <b>3</b> | 117,002           | -               | 117,002            | 117,281            |
| <b>Other trading activities</b>             | <b>4</b> | 177,497           | 400             | 177,897            | 59,134             |
| <b>Investment Income</b>                    | <b>5</b> | 7,360             | 7,044           | 14,404             | 8,612              |
| <b>Total Incoming</b>                       |          | <u>301,859</u>    | <u>7,444</u>    | <u>309,303</u>     | <u>185,027</u>     |
| <b>Expenditure on:</b>                      |          |                   |                 |                    |                    |
| <b>Raising funds</b>                        | <b>6</b> | 170,534           | 18,841          | 189,375            | 53,058             |
| <b>Charitable activities</b>                | <b>7</b> | 150,155           | 2,772           | 152,927            | 131,405            |
| <b>Total expenditure</b>                    |          | <u>320,689</u>    | <u>21,613</u>   | <u>342,302</u>     | <u>184,463</u>     |
| <b>Net (losses)/gains on investments</b>    | <b>8</b> |                   |                 |                    |                    |
| Realised                                    |          | (426)             | (639)           | (1,065)            | (6,636)            |
| Unrealised                                  |          | 16,081            | 24,123          | 40,204             | (43,823)           |
|   |          | <u>15,655</u>     | <u>23,484</u>   | <u>39,139</u>      | <u>(50,459)</u>    |
| <b>Net income and net movement in funds</b> |          | <u>(3,175)</u>    | <u>9,315</u>    | <u>6,140</u>       | <u>(49,895)</u>    |
| <b>Reconciliation of funds</b>              |          |                   |                 |                    |                    |
| Total funds brought forward                 |          | 313,851           | 229,905         | 543,756            | 593,651            |
| Total funds carried forward                 |          | <u>310,676</u>    | <u>239,220</u>  | <u>549,896</u>     | <u>543,756</u>     |

The statement of financial activity includes all gains and losses in the period.

All income and expenditure derives from continuing activities.

THE BRITISH GEOTECHNICAL ASSOCIATION  
BALANCE SHEET AT 31 DECEMBER 2023



|                             | Notes | 2023    | 2022    |
|-----------------------------|-------|---------|---------|
|                             |       | £       | £       |
| <b>FIXED ASSETS</b>         |       |         |         |
| Market value of investments | 8     | 483,259 | 435,099 |
| <b>CURRENT ASSETS</b>       |       |         |         |
| Cash at bank                |       | 165,948 | 180,972 |
| Cash on short term deposit  |       | 9,429   | 34,971  |
| Debtors                     | 9     | 22,938  | 27,281  |
|                             |       | <hr/>   | <hr/>   |
|                             |       | 198,315 | 243,224 |
| <b>CURRENT LIABILITIES</b>  |       |         |         |
| Creditors                   | 10    | 131,678 | 134,567 |
|                             |       | <hr/>   | <hr/>   |
| <b>NET CURRENT ASSETS</b>   |       | 66,637  | 108,657 |
|                             |       | <hr/>   | <hr/>   |
| <b>TOTAL ASSETS</b>         | 11    | 549,896 | 543,756 |
| <b>Financed by:</b>         |       |         |         |
| <b>ACCUMULATED FUNDS</b>    |       |         |         |
| Unrestricted                | 11    | 310,676 | 313,851 |
| Designated Funds            | 12    | 239,220 | 229,905 |
|                             |       | <hr/>   | <hr/>   |
|                             |       | 549,896 | 543,756 |
|                             |       | <hr/>   | <hr/>   |

The notes on page 13 to 17 form part of these financial statements.

Approved by the committee on 4th June 2024 and signed on its behalf by:

Andrew Ridley  
Chair

Tony Bowerman  
Honorary Treasurer

**Notes to the financial statements for the year ended 31 December 2023**

**1 Responsibilities of the Committee**

The Committee is responsible for maintaining proper accounting records which disclose with reasonable accuracy at any time the financial position of the Association and for taking reasonable steps for the prevention and detection of fraud and other irregularities.

In preparing the financial statements the Committee are required to :

- a) select suitable accounting policies and then apply them consistently
- b) make judgements and estimates that are reasonable and prudent
- c) prepare the financial statements on the going concern basis unless it is inappropriate to presume that the Association will continue to operate.

**2 Accounting Policies**

The financial statements have been prepared in accordance with the Financial Reporting Standard 102 (effective January 2019) (FRS 102), the Companies Act 2006 and the requirements of the Statement of Recommended Practice (SORP) applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) (effective 1 January 2019) (Charities SORP FRS 102).

are initially recognised at historical cost or transaction value unless otherwise stated in the relevant accounting policy note(s).

There are no material uncertainties about the charity's ability to continue, and so the going concern basis of accounting has been adopted.

**Income**

All subscriptions and investment income is accounted for when received, except in the case of subscriptions which are specifically stated to be in respect of an ensuing accounting period. No credit is taken for subscriptions unpaid at the

Donation income is accounted for when the Association has entitlement to the income, the income is probable and can be measured reliably.

**Expenditure**

Expenditure is recognised when there is a legal or constructive obligation to transfer resources to a third party, settlement is probable and the amount can be measured reliably. Expenditure is included within the Statement of Financial Activities on

**Fund Accounting**

Unrestricted funds can be used in accordance with the charitable objectives of the Society, at the discretion of the Trustees. Restricted funds can only be used for the particular restricted purposes within the objectives of the Society.

The association has the following designated funds:

***Rankine Fund***

The Rankine Fund has been consolidated into the British Geotechnical Association accounts.

***BGA Fund***

The BGA Fund has been consolidated into the British Geotechnical Association accounts.

**Investments**

investments relate and are identified as unrealised. Cash held as part of the investments portfolio is included in investments.

**Taxation**

The charity is exempt from taxation on its charitable activities.

Notes to the financial statements for the year ended 31 December 2023

**3. Charitable activities**

|                              | 2023    |         | 2022   |         |
|------------------------------|---------|---------|--------|---------|
|                              | £       | £       | £      | £       |
| <i>Members subscriptions</i> |         |         |        |         |
| United Kingdom               | 100,150 |         | 99,895 |         |
| Europe                       | 6,662   |         | 6,134  |         |
| Africa                       | 476     |         | 469    |         |
| Asia                         | 4,062   |         | 4,451  |         |
| Australasia                  | 3,657   |         | 3,799  |         |
| North America                | 1,495   |         | 1,950  |         |
| South America                | 500     |         | 583    |         |
|                              |         | 117,002 |        | 117,281 |

**4. Other trading activities**

|                          | General | Rankine Fund<br>(Designated) | BGA Fund<br>(Designated) | Total   |
|--------------------------|---------|------------------------------|--------------------------|---------|
|                          | £       | £                            | £                        | £       |
| Rankine Dinner           | 32,060  | 400                          | -                        | 32,460  |
| Annual Conference        | 18,080  | -                            | -                        | 18,080  |
| Annual Members Dinner    | 19,580  | -                            | -                        | 19,580  |
| Geo-Resilience 2023      | 100,636 | -                            | -                        | 100,636 |
| Early Career Group       | 3,490   | -                            | -                        | 3,490   |
| Other Function Income    | 3,050   | -                            | -                        | 3,050   |
| Book sales and royalties | 433     | -                            | -                        | 433     |
| Cooling Prize            | 168     | -                            | -                        | 168     |
|                          | 177,497 | 400                          | -                        | 177,897 |

**5. Investment Income**

|                   | General | Rankine Fund<br>(Designated) | BGA Fund<br>(Designated) | Total  |
|-------------------|---------|------------------------------|--------------------------|--------|
|                   | £       | £                            | £                        | £      |
| Investment Income | 7,360   | 6,944                        | 100                      | 14,404 |

**6. Raising funds**

|                           | General | Rankine Fund<br>(Designated) | BGA Fund<br>(Designated) | Total   |
|---------------------------|---------|------------------------------|--------------------------|---------|
|                           | £       | £                            | £                        | £       |
| Rankine Dinner/Lecture    | 27,904  | 17,308                       | -                        | 45,212  |
| Annual Conference         | 10,757  | -                            | -                        | 10,757  |
| Annual Members Dinner     | 27,912  | -                            | -                        | 27,912  |
| Geo-Resilience 2023       | 92,075  | -                            | -                        | 92,075  |
| Early Career Group        | 8,140   | -                            | -                        | 8,140   |
| Special Events            | 2,725   | -                            | -                        | 2,725   |
| Investment Management Fee | 1,021   | 1,533                        | -                        | 2,554   |
|                           | 170,534 | 18,841                       | -                        | 189,375 |

THE BRITISH GEOTECHNICAL ASSOCIATION

Notes to the financial statements for the year ended 31 December 2023

| <b>7. Charitable activities</b>                        | <b>2023</b>    | <b>2022</b>    |
|--|----------------|----------------|
|  | <b>£</b>       | <b>£</b>       |
| Subscriptions to other bodies                          | 17,395         | 15,824         |
| Awards & prizes  | 8,251          | 6,432          |
| Administration   | 23,958         | 14,062         |
| Honoraria  | 11,700         | 11,700         |
| Website  | 4,854          | 2,475          |
| Postage  | 30             | 35             |
| Printing, stationery and photocopying                  | 2,880          | 1,164          |
| Publicity and Promotion                                | 3,960          | -              |
| Meeting expenses                                       | 1,288          | 580            |
| Publication - Ground Engineering                       | 75,188         | 73,474         |
| Other expenses   | -              | 2,501          |
| Reviewer Fee   | 1,158          | 1,146          |
| Cost of trustees meeting                               | 1,247          | 759            |
| Community support activities                           | 913            | 1,108          |
| Bank charges   | 105            | 145            |
|  | <b>152,927</b> | <b>131,405</b> |
|  |                |                |
| <b>8. Investments - Rankine fund</b>                   | <b>2023</b>    | <b>2022</b>    |
|  | <b>£</b>       | <b>£</b>       |
| Market value at 1 January 2023                         | 422,924        | 461,618        |
| Disposals at market value                              | (216,121)      | (323,357)      |
| Acquisitions at cost                                   | 232,440        | 335,122        |
| Net gain on revaluation                                | 39,139         | (50,459)       |
|  |                |                |
| Listed investments at market value at 31 December 2023 | 478,382        | 422,924        |
| Cash on deposit awaiting investment                    | 4,877          | 12,175         |
|  |                |                |
| Market value as at 31 December 2023                    | 483,259        | 435,099        |
|  |                |                |
| <b>9. Debtors</b>                                      | <b>2023</b>    | <b>2022</b>    |
|  | <b>£</b>       | <b>£</b>       |
| Other Debtors (including Prepayments)                  | 13,704         | 20,586         |
| Amount due from ICE                                    | 9,234          | 6,695          |
|  | <b>22,938</b>  | <b>27,281</b>  |

THE BRITISH GEOTECHNICAL ASSOCIATION

Notes to the financial statements for the year ended 31 December 2023

| 10. Creditors                               | 2023<br>£ | 2022<br>£ |
|---|-----------|-----------|
| Creditors and accruals                      | 108,624   | 113,195   |
| Subscriptions and other receipts in advance | 23,054    | 21,372    |
|   | 131,678   | 134,567   |
|   | 131,678   | 134,567   |

Funds held on behalf of FMGM amount to £30,639 at year end.

| 11. Analysis of net assets between funds                 | Unrestricted<br>Funds<br>£ | Designated<br>Funds<br>£ | Total<br>Funds<br>£ |
|--|----------------------------|--------------------------|---------------------|
| <b>Fund balances at 31 December 2023 represented by:</b> |                            |                          |                     |
| Investments  | 193,303                    | 289,956                  | 483,259             |
| Current assets   | 194,586                    | 3,729                    | 198,315             |
| Current liabilities falling due within one year          | (131,678)                  | -                        | (131,678)           |
| Transfer between funds                                   | 54,465                     | (54,465)                 | -                   |
|  | 310,676                    | 239,220                  | 549,896             |
|  | 310,676                    | 239,220                  | 549,896             |

**Fund balances at 31 December 2022 represented by:**

|   |           |          |           |
|---|-----------|----------|-----------|
| Investments                                     | 174,037   | 261,062  | 435,099   |
| Current assets                                  | 236,823   | 6,401    | 243,224   |
| Current liabilities falling due within one year | (134,567) | -        | (134,567) |
| Transfer between funds                          | 37,558    | (37,558) | -         |
|   | 313,851   | 229,905  | 543,756   |
|   | 313,851   | 229,905  | 543,756   |

| 12. Designated fund analysis                      | Rankine Fund<br>£ | BGA Fund<br>£ | Total<br>£ |
|---|-------------------|---------------|------------|
| Balance brought forward at 1 January 2023         | 223,504           | 6,401         | 229,905    |
| Dividends and interest received                   | 6,944             | 100           | 7,044      |
| Designated income                                 | 400               | -             | 400        |
| Designated expenditure                            | (17,308)          | (2,772)       | (20,080)   |
| Investment Management fees                        | (1,533)           | -             | (1,533)    |
| Gain on investment assets                         | 23,484            | -             | 23,484     |
|   | 235,491           | 3,729         | 239,220    |
| Fund balances carried forward at 31 December 2023 | 235,491           | 3,729         | 239,220    |



**THE BRITISH GEOTECHNICAL ASSOCIATION**

**Notes to the financial statements for the year ended 31 December 2023**

**13. Trustee expenses**

Expenses reimbursed to 8 Trustees, relating to Annual Conference, Speaker expenses, Trustee meetings, Cooling Prize, Rankine Lecture and Dinner and ECG events

|                    | 2023         | 2022         |
|--------------------|--------------|--------------|
|                    | £            | £            |
|                    | 7,034        | 4,164        |
|                    | <u>7,034</u> | <u>4,164</u> |
|                    | No.          | No.          |
| Number of Trustees | <u>8</u>     | <u>5</u>     |

**14. Honorary Officers**

During the year, the Association's Honorary Officers received honoraria amounting to the following:

|   | 2023          | 2022          |
|---|---------------|---------------|
|   | £             | £             |
| Nick Armstrong - Honorary Secretary                   | 6,000         | 6,000         |
| Yvonne Ainsworth - Honorary Treasurer to 31 July 2023 | 2,100         | 3,600         |
| Tony Bowerman - Honorary Treasurer from 1 August 2023 | 1,500         | -             |
| Martin Preene - Honorary Publicity Officer            | 2,100         | 2,100         |
|   | <u>11,700</u> | <u>11,700</u> |

**15. Staff**

The Association does not employ staff directly.