



**Geology
for
Global
Development**

Annual Report and Review 2019



*Registered Charity
Number: 1165663*

-- Report and Financial Statements 2019 --

Geology for Global Development

Registered Charity: 1165663

Trustees (during reporting period):

Nicholas Bilham (Chair)

Joel Gill PhD

Kirsty Dawkes (*appointed April 2019*)

Florence Bullough (*appointed April 2019*)

Marie Fleming (*appointed April 2019*)

Julia Hartigan (*retired April 2019*)

Cover Picture: GfGD advocating for Earth science education at the United Nations' Forum on Science, Technology and Innovation for the Sustainable Development Goals in 2019.

OVERVIEW

Geology for Global Development is a registered charity (England and Wales) working to mobilise and reshape the geology community to help deliver sustainable and resilient communities, as expressed in the UN Sustainable Development Goals (SDGs). Geoscience is critical to eradicating poverty, reducing inequality, ensuring environmental sustainability and securing universal and fair access to natural resources (e.g., water), food, energy, education and healthcare. Geoscience underpins the work needed to ensure current and future generations are resilient to natural hazards, have access to sustainable and planned urban environments, and respond decisively to global environmental change. Many of these themes are captured within the SDGs, aiming to transform societies globally, leaving no one behind.

In 2017, we launched a new strategy setting out our priority objectives to support this mission, with interlinking strands of inspiration, education, action, and leadership, each of which we explore in this report. In 2019, we marked the midpoint of our strategy. In reflecting on the progress towards our four key objectives (see **Section B**), there is lots to be pleased by and excited about. While there is much more to do, over the last few years - with relatively small resource and wholly through a volunteer team - we have delivered and contributed to a range of high-quality activities, events and outputs with outcomes that we believe will cascade into wider impact both within and beyond the geoscience community. We are increasingly valued as a partner organisation, and have ensured geoscience is represented at global, intergovernmental levels. Our work at the grassroots level is resulting in many geoscientists coming out of their training with an understanding of how geoscience relates to sustainability.

Through 2019 specifically, we have continued a range of activities in the UK and internationally, working with partners across the geoscience community. In the UK, our 7th Annual Conference focused on ‘health and wellbeing’ with wide support from a network of partners including the Society for Environmental Geochemistry and Health, the Institute of Geologists of Ireland, and the European Federation of Geologists. We continued to invest in our network of University Groups around the UK that collectively engage hundreds of geoscience students through talks, humanitarian and development mapathons, conference visits and fundraising activities.

We continued to play an active role in global development projects, conferences, and forums as a representative of the geoscience, and, increasingly, we are being looked to as a reputable partner and source of expert understanding. We helped to fund a Malawian student’s MSc research project focused on water management in Tanzania and supported the *1st National Congress on Integrated Disaster Management in Guatemala*, facilitating engagement by Guatemalan and Mexican students, NGOs and risk management officials. We partnered with many other organisations to deliver the Geoscience and Society Summit in Stockholm and made a significant contribution to the *4th UN Forum on Science, Technology and Innovation for the SDGs* at the UN Headquarters in New York. Here we coordinated the first ‘Earth science’ themed side event at this annual forum and advocated for the importance of geoscience education to support sustainable development.

Together our activities are helping to contribute to the SDGs on poverty, education, water and sanitation, sustainable cities, strong institutions, and effective partnerships, either directly or through making knowledge available to others. These activities were made possible through the hard work of a volunteer team, the generous support of donors, and valued collaborations with partner organisations. We are grateful to the International Union of Geological Sciences and the UNESCO/IGCP International Geoscience Program for supporting our international activities.

At the time of writing, the Covid-19 global health emergency is affecting lives and livelihoods around the world. This situation will undoubtedly affect our activities through 2020 and our ability to generate income. Our thoughts are with all affected, including friends of *Geology for Global Development* in both geoscience and development communities around the world.

Here we set out our charitable objectives (**Section A**) and the strategy agreed in 2017 to help implement these objectives (**Section B**). We proceed to give a report on activities through 2019 (**Section C**), our governance and management (**Section D**) and present an overview of our finances (**Section E**). We then look to the future, with details of events and opportunities in 2020 (**Section F**), and ways you can stay informed about our work (**Section G**).

Dr Joel C. Gill

Executive Director, Geology for Global Development

A. CHARITABLE OBJECTIVES

Geology for Global Development, established in 2011, is a registered charity working to mobilise and equip the geology community to prevent and relieve poverty. As stated in our Governing Constitution, *Geology for Global Development* provides public benefit (nationally and internationally) through the following charitable objectives:

- i. **Educational advancement** of the public in general, and particularly amongst geologists, in subjects relating to geology and sustainable development (defined below), in any part of the world. This will be done (in particular, but not exclusively) by means of relevant communications, educational material, training courses, placement opportunities, and by promoting research in all aspects of that subject and publishing the useful results.
- ii. **Poverty prevention and relief**, in any part of the world, by providing grants, equipment and services (in particular but not exclusively education and training in geology) to individuals in need, other charitable organisations, and/or other organisations working to prevent or relieve poverty.

In this context, we note sustainable development to mean ‘*development which meets the needs of the present without compromising the ability of future generations to meet their own needs*’ as defined in the Brundtland Report (1987).

In meeting these objectives, we provide public benefit through advancing education, at all levels, of the role of geology in supporting sustainable development, as well as using geological science to prevent and relieve poverty. In setting our aims for the year and preparing this review, the trustees have had regard to the Charity Commission guidance on public benefit.

B. STRATEGY

In 2017, we set out a five year strategy to work towards the charitable objectives in **Section A**. The mission, vision and objectives below wholly align with our charitable purposes and ensure the public benefit we bring is well-focused. Embedded within this strategy are our core values of ethical engagement and respectful partnerships. These values are helpfully articulated within the Cape Town Statement on Geoethics, of which we are a signatory. In our 2017–2021 annual reports we will set out our activities and achievements relating to the objectives noted below.

Mission: We exist to champion the role of geology in sustainable development, mobilising and reshaping the geology community to help deliver the UN Sustainable Development Goals (2015–2030).

Long-Term Vision: We see a world where:

- (i) Every geologist is equipped with the skills and understanding required to make a positive contribution to sustainable development;
- (ii) The geology community is actively engaged in the design, implementation, monitoring, and evaluation of international development activities; and
- (iii) Organisations, governments and individuals have equal access to, and an understanding of, the geoscience required to ensure sustainable development.

We have agreed four **Strategic Objectives** to help realise our vision:

1. **INSPIRATION. Promote the value of geology in supporting sustainable development.** Many people are unaware of the role geology can play in supporting sustainable development. We will work towards greater recognition for, and understanding of, the role of geology in tackling global challenges (e.g., water security, food security, resilience to natural hazards, natural resource management, urbanisation, and climate change).
2. **EDUCATION. Equip geologists to engage positively in sustainable development.** The skills and knowledge required to make an effective and positive contribution to sustainable development are often missing from the traditional education and continued professional development of geologists. We will provide opportunities for geologists to develop these essential skills to best serve the communities that we engage with.
3. **ACTION. Enhance the application of geology to international development.** We will make a high-quality contribution to practical development projects. We will develop and support poverty-fighting programmes in collaboration with other UK-based and international organisations. By the end of 2021 we envisage our work having helped to address six of the UN Sustainable Development Goals, across five different countries.

- 4. LEADERSHIP. Exercise international leadership on matters relating to geology and sustainable development.** We seek to be a recognised and trusted voice on ‘geology and sustainable development’, helping to reshape the global geology community to better serve society. We will grow in our international influence, and reputation for excellence in all we do.

To support the delivery of these four strategic objectives, we recognise the need to develop the following aspects of our organisation:

- **Finance:** We will seek a consistent income stream from diverse sources to promote greater financial resilience.
- **Personnel:** We will grow our Board of Trustees to ensure access to relevant experience and professional skills. We will grow our Executive Team to ensure reliable, professional delivery of these strategic objectives. By 2021, we anticipate having transitioned to a paid staff team, working with a growing volunteer community.
- **Infrastructure:** We will explore the benefits and costs of operating out of a permanent headquarters, such as a host geological organisation.

C. ACTIVITIES

In seeking to fulfil our objectives and provide broad public benefit, we have undertaken the following charitable activities, expressed through four strategic objectives:

INSPIRATION. PROMOTE THE VALUE OF GEOLOGY IN SUPPORTING SUSTAINABLE DEVELOPMENT.

Highlights from 2019 include:

- **Website.** We launched our new website (www.gfgd.org) – acting as a resource hub for information about geoscience and sustainable development.
- **GfGD Blog.** Our blog (blogs.egu.eu/gfgd), hosted by the *European Geosciences Union*, provides a forum for exploring issues relating to geology and development, with articles from guest bloggers in addition to our regular blog contributors. In 2019, we published 27 articles on key issues and recent news in development and geoscience.
- **Publications.** In 2019, we submitted a manuscript to a major publisher (Springer-Nature) for an edited book on ‘Geoscience and the Sustainable Development Goals’ with the British Geological Survey. This project involved 42 authors from many countries, including: the UK, Morocco, Mongolia, Italy, the US, Australia, Nepal, Malaysia, Ecuador, the Netherlands, New Zealand, South Korea. We also reviewed and contributed to an internationally-acclaimed poster on ‘**geoscience for the future**’, which illustrates how geoscientists can help deliver the SDGs.
- **Presentations and Talks on Geoscience for Sustainable Development.** Representatives of *Geology for Global Development* attended and presented at many events and institutions throughout the year, including the **3rd International Critical Metals Conference**. GfGD supported this international event, coordinated by the Mineralogical Society’s Applied Mineralogy Group, with Dr Emily White (GfGD Deputy Director) giving a keynote address. Dr Joel Gill (GfGD Director) gave a **public lecture** on disaster risk reduction and sustainable development at the Geological Society (London, UK), available online. Nic Bilham (Chair of Trustees) spoke at the Institute of Geologists of Ireland 20th Anniversary Event, on ‘Geoscientists in the Greenhouse: Professional roles and responsibilities in a climate emergency’.

EDUCATION. EQUIP GEOLOGISTS TO ENGAGE POSITIVELY IN SUSTAINABLE DEVELOPMENT

Highlights from 2019 include:

- **University Groups.** These affiliated groups, run by student volunteers known as Ambassadors, engage students and academics with our charitable work through seminars, discussion groups and other activities. At the end of 2019, groups were active or being initiated in Bristol, Camborne School of Mines (University of Exeter), Cambridge, Durham, Glasgow, Hull, Imperial College London, Keele, Leeds, Liverpool, Oxford, Royal Holloway, Southampton, and University College London. Examples of University Group activities in 2019 include:

- **Talks from Industry and Academia:** University groups put on a diverse range of talks throughout the year. For example, GfGD Leeds hosted a talk from Arup on ‘Reaching the UN Sustainable Development Goals in Industry’ and GfGD CSM invited Nic Bilham (GfGD Chair) to talk about responsible sourcing of minerals. GfGD Southampton brought together academics from across the university in sociology, sustainability science and Earth and ocean science for a discussion around the role of geology in development.

- **Training Day:** Representatives from six groups came together in London in September 2019 for a day of training. They found out more about the origins and aims of GfGD, were provided with the resources they need to run their groups and developed event plans for the year ahead that they then pitched to each other for feedback. Ambassadors had the opportunity to discuss their experiences and ideas, as well as ask questions to help them make the most of their GfGD groups. The event space was kindly provided at a discounted rate by Space4, Finsbury Park.



- **World Water Day:** For World Water Day on 21st March 2019, groups held events to promote the role of geology in providing clean water and sanitation. GfGD Southampton and interested students at the University of Birmingham set up information stands and GfGD Imperial ran a social media campaign.

- **Nano-presentations at GfGD Conference:** Ambassadors from Cambridge, Southampton, Imperial College London and University College London took part in a nano-presentation competition at the GfGD Annual Conference 2019. They presented topics related to geology, health and wellbeing within just 5 minutes using innovative techniques and focussing on fascinating aspects of the topics they chose. GfGD Southampton won the competition with their presentation on Minerals used in Medical Technologies, which explored the use of copper in the intrauterine device (IUD) or ‘copper coil’ and its importance across the world as a contraceptive.



- **Fundraising:** In 2019 GfGD University Groups at Liverpool, Southampton and University College London have raised £430 for the charity through bake sales and quizzes.

- **Other Events:** Besides talks and fundraising, groups put on other events throughout the year such as mapathons (where satellite imagery is used to add valuable digital information to OpenStreetMap in poorly mapped areas), film screenings, and information stands at careers fairs.

- **7th GfGD Annual Conference.** In November 2019, we welcomed over 70 people to our 7th Annual Conference, hosted by the *Geological Society of London*, with a theme of *Earth Science, Health and Wellbeing*. The event covered themes such as climate change and mental health, geochemistry and nutrition, geological hazards and health, and mining and health. Speakers were from industry, civil society and academia.

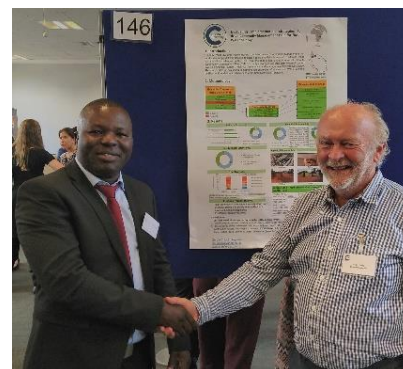
- **Network of Professionals.** Our Network of Professionals, launched in September 2019, will ensure stronger connections between GfGD and professionals from the public and private sectors, research, and NGOs. Professional geoscientists are often uniquely placed at the interface between government, society, and industry. The collective experience, knowledge and insights of professional geoscientists can make a real and constructive contribution to sustainable development. Furthermore, their engagement can help to inspire and equip early career geoscientists to contribute to sustainable development objectives. Our Network of Professionals will (among other activities):

- Empower early career geoscientists, mentoring them through the first phases of their career, encouraging knowledge sharing and generation of ideas.
- Promote the positive contributions to sustainable development that can be made throughout diverse geoscience careers (e.g., through close links with our University Groups).
- Promote the work of GfGD in their organisations.

ACTION. ENHANCE THE APPLICATION OF GEOLOGY TO INTERNATIONAL DEVELOPMENT

Highlights from 2019 include:

- **Building Water Management Capacity in NW Tanzania.** We funded a Malawian MSc student (from Cranfield Water Science Institute) to evaluate the sustainability of a water programme in rural Tanzania, spending approximately two months completing interviews and meetings with communities, charity officials and local leaders. We attended and participated in a forum in September to explore the results and implications with an NGO operating in Tanzania (The Eleanor Foundation). This activity supports the delivery of SDG 6 (clean water and sanitation) in Tanzania, which in turn is critical to delivering SDGs 1 (end poverty), 4 (quality education) and 5 (gender equality).



- **Strengthening Resilience to Volcanic Hazards in Guatemala.** The eruption of Fuego volcano in Guatemala in June 2018 resulted in significant impacts, including an estimated 300 fatalities and damage to the homes of those living on the flanks of Fuego. Following a successful fundraising phase, we have progressed our work to support projects strengthening resilience to volcanic hazards in Guatemala. In 2019, we supported the *1st National Congress on Integrated Disaster Management in Guatemala*. This congress helped to facilitate knowledge sharing of research, work, trends, and practices that are contributing to disaster risk reduction in Guatemala and contributing to achieving the objectives of the Sendai Framework for Disaster Risk Reduction.

Our funds helped to create a scholarship programme, facilitating the participation of 11 Guatemalan and Mexican students, teachers, NGOs, and government entities in the congress (including nine women and two men). Funded participants were asked what they will do differently as a result of participating in the congress. Responses include:

- A representative of the civil society organisation ‘Fundación Guatemala’ pledged to try risk mapping (hazards and vulnerabilities) approaches profiled at the congress with her community.
- An academic in Guatemala indicated they would incorporate some of the themes of the congress in their teaching, to help inform future professionals.
- A student from Mexico indicated she would form a disaster risk management network in her municipality, to replicate the knowledge sharing on hydrological and geological risks profiled in the congress. Her ambition is to advance this through the 80 municipalities in the State of Guerrero.

We will be exploring ways we can support participants to develop and implement their ideas. Our support of disaster risk reduction work in Central America supports SDGs 1 (end poverty), 11 (sustainable cities and communities) and 17 (effective partnerships).

- **Geoscience Textbooks:** We provided geoscience textbooks to early-career academics in Kenya. This activity supports SDG 17 (effective partnerships), which includes the target ‘*Enhance North-South, South-South and triangular regional and international cooperation on and access to science, technology and innovation and enhance knowledge sharing...*’.

LEADERSHIP. EXERCISE INTERNATIONAL LEADERSHIP ON MATTERS RELATING TO GEOLOGY AND SUSTAINABLE DEVELOPMENT.

Highlights from 2019 include:

- **United Nations Forum on Science, Technology and Innovation for the SDGs.** We led an international delegation of early-career geoscientists (80% females) to this forum at the UN Headquarters in May 2019. This Forum facilitates interactions, networks and partnerships to identify and examine needs and gaps in technologies, scientific cooperation, innovation and capacity-building to support the SDGs. We helped to shape written interventions linking to environmental education for sustainable development, environmental implications of technologies, equitable and inclusive research partnerships and educational opportunities, and tackling climate change.

We also contributed to a range of side events, and organised our own side event on ‘*Earth Science Education for Sustainable Development*’, with partners including the UN Major Group on Children and Youth, the Science and Technology Major Group through the International Science Council, Young Earth Systems Scientists Community, and Parsquake (earthquake education in Central Asia). As the only delegation of geoscientists attending and engaging in this meeting, we ensured that the geoscience community was represented. Key messages about environmental education and environmental implications of technologies were embedded into the formal meeting reports (later presented at the High-Level Political Forum on Sustainable Development). A full report is here: <http://www.tinyurl.com/GfGDatUN19>.



- **Geoscience and Society Summit.** We joined with organisations around the world to convene a ‘geoscience and society summit’ in March 2019. This solution-focused event gathered representatives from diverse sectors to explore global challenges, and the interdisciplinary partnerships needed to address these. This summit was coordinated by the American Geophysical Union and Geology in the Public Interest. Other summit partners included the Bolin Centre for Climate Research, Geological Society of London, Geoscientists without Borders, International Association for Promoting Geoethics, American Geosciences Institute and Geological Society of America. Our role involved workshop facilitation, and presentations on geoscience education and geoscience for sustainable development.

ORGANISATIONAL PARTNERSHIPS

In 2019, we partnered with a range of UK-based and international organisations to deliver the activities above and advance our charitable objectives.

- **International Union of Geological Sciences (IUGS).** We are an affiliated organisation of the IUGS. In 2019, we received a grant of \$3000 to support our work.
- **UNESCO/IUGS International Geoscience Program.** We are a partner organisation on **International Geoscience Programme Project 685**, which provided funds to support our UN engagement activities.
- **Geological Society of London.** The Geological Society of London hosted our annual conference, gathering 70+ early career scientists to explore Earth science, health and wellbeing. We also partnered with the Geological Society on a poster illustrating how careers in geoscience can support the UN Sustainable Development Goals.
- **European Geosciences Union.** Our blog is hosted by the European Geosciences Union, and involves regular writers based in the UK, Brazil and the United States.
- **European Federation of Geologists.** EFG partnered with us on our 7th Annual Conference, on Earth Science, Health and Wellbeing.
- **Society for Environmental Geochemistry and Health.** SEGH partnered with us on our 7th Annual Conference, on Earth Science, Health and Wellbeing.
- **Geological Survey of Ireland.** GSI partnered with us on our 7th Annual Conference, on Earth Science, Health and Wellbeing.
- **Institute of Geologists of Ireland.** IGI partnered with us on our 7th Annual Conference, on Earth Science, Health and Wellbeing. Nic Bilham (Chair of Trustees) spoke at their 20th Anniversary Event, on ‘Geoscientists in the Greenhouse: Professional roles and responsibilities in a climate emergency’.

SUMMARY

These activities demonstrate the positive impact of *Geology for Global Development*, with respect to our two primary charitable objectives.

- **Educational Advancement:** Activities have promoted the role of geology in sustainable development to diverse audiences both in the UK and overseas. Our engagement with the geological science and sustainable development communities (through conferences, UN forums, engagement in universities, and publication of resources) has helped to increase awareness of how geoscientists can make a positive contribution to sustainable development. In the reporting year this included participating in and supporting events in the UK, Ireland, USA, and Guatemala – all with international audiences. We supported research and the strengthening of research capacity in Tanzania and Kenya. Our social media content, blogs and open-access publications (e.g., a poster published by the Geological Society of London) helped to raise public awareness of why geological science matters when implementing sustainable development activities. Our work helps to train geologists to better serve the public, by improving professional practices (e.g., partnership and capacity building, ethics and integrity) relating to the application of geology to sustainable development.
- **Poverty Prevention and Relief.** We have engaged in programmes aiming to enhance water provision, improve resilience to environmental shocks (e.g., volcanic eruptions), and improve education for sustainable development. Our activities help to prevent and relieve poverty by connecting a more socially-aware geoscience community engaged in sustainable development activities with partners including NGOs and government agencies.

D. GOVERNANCE AND MANAGEMENT

BOARD OF TRUSTEES: Trustees have been appointed to oversee and guide our work, in accordance with our Governing Document (based on the Charity Commission’s ‘Foundation’ model constitution for a Charitable Incorporated Organisation whose only voting members are its charity trustees). In April 2019, Julia Hall (founding Trustee) retired from the Board. An open recruitment process in early 2019 resulted in the appointment of three new trustees.



NIC BILHAM (CHAIR OF TRUSTEES)

Nic is working on a PhD in ethical mining at the University of Exeter, before which he worked at the *Geological Society*, leading its delivery of policy, education, media and wider communications. Nic is European Continental Coordinator for the *International Association for Promoting Geoethics*.



JOEL GILL

Joel has an interdisciplinary PhD in geography (natural hazards) from *King’s College London*. In November 2016, he joined the *British Geological Survey*, contributing to their overseas development work.



KIRSTY DAWKES – APPOINTED APRIL 2019

Kirsty has an MSci in Geological Sciences and is a Chartered Geologist through the Geological Society. She currently works in the energy sector, with international engagement. Kirsty joined the GfGD Board of Trustees in 2019.



MARIE FLEMING – APPOINTED APRIL 2019

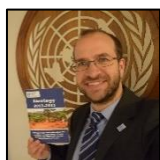
Marie is an Engineering Geologist at Arup, based in Ireland. She is a former president of the Institute of Geologists of Ireland, and a member of the External Relations committee of the Geological Society of London. Marie joined the GfGD Board of Trustees in 2019.



FLO BULLOUGH – APPOINTED APRIL 2019

Flo has an MSci in Geology from Imperial College London and has a background in geochemistry research and contaminated land and groundwater. She has been at the Geological Society of London since 2012 and leads the policy and government engagement work as part of their External Relations team.

EXECUTIVE TEAM: Day-to-day responsibility for the running of the charity is delegated to a volunteer Executive Director of *Geology for Global Development*, working alongside a wider leadership team. This team currently consists of:



JOEL GILL (EXECUTIVE DIRECTOR)

Joel founded *Geology for Global Development* in 2011 and has overall responsibility for the leadership and management of *GfGD*, overseeing the implementation of our strategy and day-to-day operations.



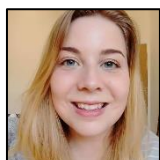
EMILY WHITE (EXECUTIVE TEAM, UNIVERSITY GROUPS & DEPUTY DIRECTOR)

Emily has responsibility for the management and development of our GfGD University Groups, acting as the link between these groups and the GfGD leadership (Executive and Trustees). Core responsibilities include: supporting GfGD Ambassadors, resourcing groups, and communicating their work.



LAURA ROBERTS-ARTAL (EXECUTIVE TEAM, COMMUNICATIONS)

Laura has responsibility for developing and managing our portfolio of communications. Core responsibilities include: the GfGD blog, social media, brand management, website development, and advising on all aspects of our internal and external communications.



LAURA HUNT (EXECUTIVE TEAM, ADMINISTRATION)

Laura supports our administration, with diverse engagement in our fundraising, conferences and project management. Core responsibilities include: accounting and reporting, preparing for meetings and conference, and supporting the wider leadership team.



ALLIE MITCHELL (EXECUTIVE TEAM, NETWORK OF PROFESSIONALS)

Allie leads our *Network of Professionals* and helps us to engage with industry. Core responsibilities include: building links with geoscientists across all industries, advising the GfGD leadership team on how they can better engage with professionals, and developing new activities to involve professionals in our work.

E. FINANCIAL OVERVIEW

The accounts below document financial activity (income and expenditure) that occurred in 2019 and 2018. The Statement of Financial Activities is calculated on a cash basis. The Balance Sheet shows total funds including non-cash assets and liabilities. For full details of activity in 2016 to 2018, please refer to previous GfGD Annual Reports (www.gfgd.org/annual-reports).

Key observations include:

- **[Unrestricted Income]** £6728 is labelled as unrestricted income. This was raised through grants, conferences (an educational charitable activity), personal and corporate donations, and fundraising activities. This sum includes £1375 of income pledged in 2018 and paid to GfGD in 2019. This money can be used to support the full portfolio of our work. Further donations totalling £3415 were pledged in 2019, to be paid to GfGD in early 2020. This is included below as a sum of £3415 in the Balance Sheet, under *Debtors: Due in One Year*. At the time of publication, most of this sum has been received.
- **[Restricted Income]** No restricted income was received in 2019.
- **[Expenditure from Unrestricted Income]** £7215 is labelled as expenditure, using our unrestricted income. £365 (5%) of this expenditure was used to support charity governance (e.g., meeting attendance, bank account fees) and £47 (<1%) to help generate voluntary receipts. The remaining £6803 (94%) of expenditure was used to support our charitable activities. These included funding research in Tanzania, supporting our network of UK University Groups, delivering our 7th Annual Conference (Earth Science, Health and Wellbeing), and advocating for the importance of geoscience at the United Nations. A further £705 of expenditure on charitable activities was committed to in 2019, but invoices were not received by GfGD until early 2020. This is included as a sum of £705

in the Balance Sheet, under *Creditors: Due Within One Year*. At the time of publication, this expense had been paid.

- **[Expenditure from Restricted Income]** £720 was pledged in 2019 from restricted income to support a congress on integrated disaster risk reduction in Guatemala. These funds, paid in early 2020, were used to facilitate attendance by low-income and underrepresented groups involved in disaster risk reduction in volcanic regions. This is included below as a sum of £720 in the Balance Sheet, under *Current Liabilities: Creditors due within one year*.

In 2019, the net movement in unrestricted funds was therefore £934, and the total net movement in funds was £214. This is shown in the Balance Sheet set out below, which shows total funds including non-cash assets and liabilities. This surplus will be used to supplement our financial reserve, established in line with good charity practice. Our Charity Reserves Policy, agreed in 2018, sets an ambition to ensure free reserves of six to nine months operational costs. Based on budgeted expenditure of approximately £10,000 in 2020, this equates to £5000–£7500. At the end of 2019, based on our balance sheet, our free reserves stood at £6483, comfortably within this agreed range.

Additional engagement and charitable activity were made possible through (i) GfGD leadership attending events in other professional capacities and (ii) support in kind from other organisations. For example, the event space for our University Group Ambassador training was kindly provided at a discounted rate by Space4, Finsbury Park (<https://space4.tech/>), and the venue for the 7th GfGD Annual Conference was provided free of charge by the Geological Society of London.

GfGD activities were delivered entirely through the dedication of a team of volunteers. We are very grateful to all those who gave their time in 2019 to help realise our charitable objectives.

GfGD STATEMENT OF FINANCIAL ACTIVITIES (AS AT 31 DECEMBER 2019)

	Unrestricted Funds (£)	Restricted Funds (£)	Total 2019 (£)	Total 2018 (£)
Income and endowments from:				
Donations and legacies	5273	--	5273	1265
Activities for Generating Funds (Fundraising Events)	330	--	330	474
Charitable activities	1125	--	1125	1138
Other trading activities	--	--	--	--
Investment income	--	--	--	--
Total Income	6728	--	6728	2877
Expenditure on:				
Costs of Generating Voluntary Receipts	(47)	--	(47)	--
Raising funds	--	--	--	--
Investment Management Costs	--	--	--	--
Charitable activities	(6803)	--	(6803)	(1324)
Governance Costs	(365)	--	(365)	(277)
Total Expenditure	(7215)	--	(7215)	(1601)
Surplus/(Deficit) of income over expenditure	(487)	--	(487)	1276
Net gains/(losses) on investments	--	--	--	--
Net income/(expenditure)	(487)	--	(487)	1276
Transfers between funds	--	--	--	--
Net movement in funds	(487)	--	(487)	1276
Reconciliation of funds				
Total funds brought forward	4260	2066	6326	5050
Total funds carried forward	3773	2066	5839	6326

BALANCE SHEET (AS AT 31 DECEMBER 2019)

	2019 (£)	2018 (£)
Fixed Assets		
Tangible Assets	--	--
Investments	--	--
Total Fixed Assets	--	--
Current Assets		
Debtors: Due in one year	3415 ¹	1375
Debtors: Due after one year	--	--
Cash at Bank and in hand	5839	6326
Total Current Assets	9254	7701
Current Liabilities		
Creditors due within one year	1425 ²	86
Net current assets	7829	7615
Total assets less current liabilities	7829	7615
Funds		
Unrestricted Funds	6483	5549
Restricted Funds ³	1346	2066
Total Funds	7829	7615

CASH FLOW STATEMENT (AS AT 31 DECEMBER 2019)

	2019 (£)	2018 (£)
Cash flows from operating activities:		
Net cash provided by operating activities	(487)	1276
Cash flows from investing activities:		
Net cash provided by investing activities	--	--
Cash flows from financing activities:		
Net cash provided by financing activities	--	--
Change in cash and cash equivalents in the reporting period	(487)	1276
Cash and cash equivalents at the beginning of the reporting period	6326	5050
Change in cash and cash equivalents due to exchange rate movements	--	--
Cash and cash equivalents at the end of the reporting period	5839	6326

¹ Income pledged in 2019 but to be received in 2020.

² Awaiting invoices for costs associated with the GfGD Conference (£705, unrestricted) and Guatemala Congress Bursaries (£720, restricted funding). To be paid in early 2020.

³ Money raised for a project building resilience to volcanic hazards in Guatemala.

F. LOOKING TO THE FUTURE

In line with our strategy, we will focus on the following priorities in 2020, adjusting these in response to the ongoing Covid-19 pandemic as appropriate.

- **Building New Partnerships.** We will strengthen our relationships with international development organisations through active participation in the BOND network of international development organisations. This will help us to better understand NGO requirements for geological information in international development and communicate these needs to the broader geoscience community. We will work to strengthen links with other national and international geoscience organisations including through giving talks and leading workshops.
- **Resource Production and Dissemination.** We will complete production of, and promote, the GfGD-supported book (Geosciences and the SDGs), including the development of a resource pack for universities around the world to help integrate the material into geoscience education. We will also promote and disseminate our contribution to *2nd International Commission on Education for Sustainable Development Practice Report*, advocating for the role of geoscience in sustainable development practice.
- **International Programmes.** In 2020 we will continue to implement activities aiming to strengthen resilience to volcanic hazards in Guatemala, working alongside our in-country partners. We will work in partnership with The Eleanor Foundation to help deliver SDG 6 (clean water and sanitation) in Tanzania. We will advance planning for an international conference/summer school in 2021 – focusing on ‘geoscience and sustainable development’ – likely hosted in eastern Africa.

These will be reported on in our 2020 Annual Report (published in early 2021). Live updates will be made available on our website and social media.

G. FURTHER INFORMATION

Find the latest GfGD news, events, and opportunities to get involved on our website (www.gfgd.org), Facebook (www.facebook.com/gfgd.org), and Twitter (www.twitter.com/Geo_Dev).

Download this Annual Report and Review from our website (www.gfgd.org/annual-reports).