



**Geology  
for  
Global  
Development**

# Annual Report and Review 2020



**1 NO POVERTY**



**2 ZERO HUNGER**



**3 GOOD HEALTH AND WELL-BEING**



**4 QUALITY EDUCATION**



**5 GENDER EQUALITY**



**6 CLEAN WATER AND SANITATION**



**7 AFFORDABLE AND CLEAN ENERGY**



**8 DECENT WORK AND ECONOMIC GROWTH**



**9 INDUSTRY, INNOVATION AND INFRASTRUCTURE**



**10 REDUCED INEQUALITIES**



**11 SUSTAINABLE CITIES AND COMMUNITIES**



**12 RESPONSIBLE CONSUMPTION AND PRODUCTION**



**13 CLIMATE ACTION**



**14 LIFE BELOW WATER**



**15 LIFE ON LAND**



**16 PEACE, JUSTICE AND STRONG INSTITUTIONS**



**17 PARTNERSHIPS FOR THE GOALS**



Geology for Global Development Supports the Sustainable Development Goals

Registered Charity  
Number: 1165663

**-- Report and Financial Statements 2020 --**

Geology for Global Development  
8 Hathern Road, Shepshed, LE12 9RP  
Registered Charity: 1165663

**Trustees (during reporting period):**

Nicholas Bilham (Chair)

Kirsty Dawkes

Florence Bullough

Marie Fleming

Sarah Gordon PhD (*appointed April 2020*)

Natasha Dowey PhD (*appointed April 2020*)

Joel Gill PhD (*retired April 2020*)

# OVERVIEW

*Geology for Global Development* is a registered charity (England and Wales) working to mobilise and reshape the geoscience 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 strategy setting out our priority objectives to support our mission to help deliver the SDGs, with interlinking strands of inspiration, education, action, and leadership. Our work towards these objectives, while needing to respond to the pressures of COVID-19, continued through 2020. We continued to invest in our network of University Groups, developed a set of open-access learning resources for higher education contexts, responded to global development consultations, and initiated research on geoscience education for sustainable development in the Global South.

2020 was a year in which the ongoing injustice of racism rightly received global attention. To achieve our mission, for our science to thrive, and to serve society effectively, we need a diverse and inclusive geoscience community, free of all forms of discrimination and abuse (including racism). Our primary responsibility is to ensure we are listening, learning, implementing change where needed, and being accountable to our supporters and beneficiaries. In 2020, we welcomed the Action Plan set out in the Anti-Racism Plan for The Geosciences ([www.change.org/p/geoscientists-call-for-a-robust-anti-racism-plan-for-the-geosciences](http://www.change.org/p/geoscientists-call-for-a-robust-anti-racism-plan-for-the-geosciences)), and the constructive way it guides organisations such as ours to do things differently and better. Through 2021, we are reviewing our structures, activities, and policies, and evaluating what we need to do to be a strong and effective ally to those affected by injustices, including racism. We will report back on this work in future Annual Reports to ensure accountability to our stakeholders.

Our work through 2020 was made possible through the hard work of a volunteer team, the generous support of donors, and valued collaborations with partner organisations. We are particularly grateful to the International Union of Geological Sciences and the UNESCO/IGCP International Geoscience Program for supporting our activities, and to the many individuals who donated to support our work during the Responsible Raw Materials conference.

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 2020 (**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 2021 (**Section F**), and ways you can stay informed about our work (**Section G**).

## FROM OUR TRUSTEES

The COVID-19 pandemic made 2020 a year like no other. It seems trite to say that, as for so many organisations, it has disrupted GfGD's plans and activities. Indeed, faced with such an urgent global crisis, the grief and suffering it has caused and the need for a single-minded and coordinated worldwide response could easily 'crowd out' other global challenges, seeming to diminish the significance of an organisation like ours. Yet the impacts of the pandemic have highlighted the interconnectedness of our world and of the sustainability challenges that we face, from the fragile supply chains on which we all depend to the intersections of multiple risks and vulnerabilities affecting the most impoverished communities. The geosciences have a fundamental part to play in building interdisciplinary, culturally sensitive solutions to many of these challenges.

GfGD's trustees have been deeply impressed at how the whole GfGD community has responded to these rapidly changing circumstances – from the executive team to the wider network of students and other volunteers who put their time, expertise and passion into our activities. Their willingness and ability to reshape our programmes and how we deliver them at short notice have ensured that we continue to advance GfGD's aims, while responding to the changing needs of the geoscience and development communities. This was exemplified by an excellent new suite of online educational resources, conceived and developed over the summer and completed in time for the new academic year, thanks to agile redeployment of time and funds from planned activities that had to be shelved, and the inspiring commitment of all the team members involved.

The core GfGD team has continued to grow and develop. We welcomed Sarah Gordon and Natasha Dowey as new trustees in 2020, while Joel Gill stepped down from the board of trustees to focus on his role as Director, leading and developing the executive team. A key objective for the trustees in 2020, working with Joel and the executive team, was to start the development of our next five-year strategy, which will be completed and launched in 2021. For me, the unanticipated events of 2020 and our ability to respond to them have reinforced how fundamental GfGD's ethical values are to its work and its future development – and that how we work among ourselves and with others, with kindness and respect, is as important as what we set out to do. There are great opportunities ahead, as well as challenges, if the geoscience community is truly to help build a more sustainable and equitable global future. We hope that GfGD's ambitious new strategy will inspire excitement about these opportunities.

Nic Bilham

*Chair of Trustees*

## 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 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 articulated within the Cape Town Statement on Geoethics, of which we are a signatory. In our 2017–2021 annual reports we 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.**


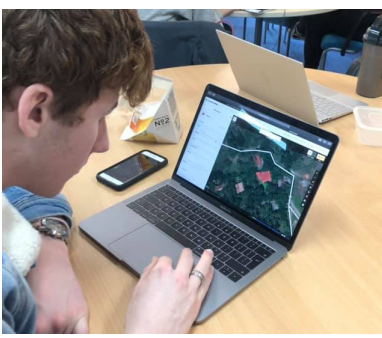
Highlights from 2020 include:

- **Website.** We maintained our website ([www.gfgd.org](http://www.gfgd.org)) – acting as a resource hub for information about geoscience and sustainable development.
- **GfGD Blog.** Our blog ([blogs.egu.eu/gfgd](http://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 2020, we published 11 articles on key issues and recent news in development and geoscience.
- **Publications.** We continued our work on an edited book on *Geosciences and the Sustainable Development Goals* in collaboration with the British Geological Survey and involving 42 authors from many countries, including: the UK, Morocco, Mongolia, Italy, the US, Australia, Nepal, Malaysia, Ecuador, the Netherlands, New Zealand, South Korea. The book is scheduled for publication in 2021 ([www.springer.com/gb/book/9783030388140](http://www.springer.com/gb/book/9783030388140)). We also contributed to a book – *Of Earth, For Earth* (see [www.oefe.co.uk/book](http://www.oefe.co.uk/book)) – with a perspective piece on the role of ethically motivated geoscience students.
- **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 Responsible Raw Materials conference (<https://www.responsiblerawmaterials.com/>).

### **EDUCATION. EQUIP GEOLOGISTS TO ENGAGE POSITIVELY IN SUSTAINABLE DEVELOPMENT**

Highlights from 2020 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. Of course, early in 2020, University Groups had to adapt because of the Covid-19 pandemic and move their activities online. Despite a challenging year, our students have risen to the challenge and this has not affected the quality of events that groups organise. At the end of 2020, groups were active or being initiated in the Universities of Bristol, Cambridge, Cardiff, Durham, Exeter (Camborne School of Mines), Keele, Liverpool, Manchester, Oxford, Southampton, Imperial College London and University College London (UCL). Examples of University Group activities in 2020 include:

- **Talks from Industry and Academia:** University groups put on a diverse range of talks throughout the year. For example, GfGD Cambridge hosted a talk with Allie Mitchell (GfGD Industry Lead) and Sanna Markannen (Cambridge University Institute for Sustainability Leadership) on 'Cobalt and the Climate Crisis' and GfGD Imperial invited Mitch Hunter-Scullion of the Asteroid Mining Corporation to talk about 'Asteroid Mining and the Extra-terrestrial Economy'.
- 
- **Training Events:** To get Ambassadors started at the beginning of the academic year, we provide training and a space for them to meet each other and share ideas. This year's training event took place virtually on Zoom and Ambassadors from eight universities attended. The training took place over two evening sessions and despite being online, still managed to create an exciting and inspiring atmosphere with engaging contributions from the Ambassadors. The first session introduced the aims and values of GfGD and discussed the role of geology in achieving the SDGs. The Ambassadors were then challenged to design an event around one of the SDGs ahead of the next session. In the following session, a representative from each university presented their idea. The quality of ideas put forward was impressive and some have been turned events which took place throughout the year.
  - **Fundraising:** In February 2020, the GfGD University Group at Liverpool raised £230 for the charity through a bake sale alongside their annual Herdman Symposium.
  - **Mapathons:** During a mapathon a group of people get together (in person, or virtually) to use satellite imagery to add valuable digital information to OpenStreetMap in poorly mapped areas. Many groups held mapathons in 2020, for example mapping areas affected by flooding in Kerala, India, and areas in need of better maps to support the Covid-19 response.
- 
- **Other Events:** GfGD UCL developed their event idea from the training sessions, focussed on SDG 11 – Sustainable Cities and Communities – into a virtual tour of sustainable buildings in London: *Urban Geoscience: Explore Green London*. Other groups held quizzes and film screenings to communicate the links between geoscience and sustainable development.
  - **Ambassador Hub Events:** In 2020, as everyone moved online and became more comfortable with virtual events, we trialled hosting events throughout the year for Ambassadors to complement the annual training sessions. For example, in June we



had an ‘Ambassador Mingle’ to allow the group leaders of different universities some space to network, and in December we had a ‘Meet a Trustee’ event with Sarah Gordon, GfGD Trustee, who talked about her career and answered Ambassador’s questions.

- **Higher Education Learning Resources – Geosciences and Sustainable Development.** We designed and published open-access online higher education learning resources on *Geosciences and Sustainable Development*, to help integrate sustainability concepts and skills into geoscience education (see [www.gfgd.org/education](http://www.gfgd.org/education)). Two students (Rachael Sims and Kit Baker), both involved with our network of University Groups, worked with the GfGD Team to develop a module of eight classes ready for the start of the academic year in 2020. The eight topics covered are: the SDGs, Working in the Global South, Decarbonisation, Disaster Risk Reduction, Water Security, Health and Land Degradation, Sustainable Urban Development, and Reducing Inequalities. These classes aim to: help learners explore development frameworks and sustainability challenges, and how geoscience knowledge can contribute to these challenges; develop skills to strengthen engagement in sustainable development activities; and understand that ‘how we work’ is as important as ‘what we do’.

## **ACTION. ENHANCE THE APPLICATION OF GEOLOGY TO INTERNATIONAL DEVELOPMENT**

Highlights from 2020 include:

- **Geoscience Education in the Global South.** This project aims to explore the current state of geoscience education in the Global South. This work provides a foundation for further analysis of gaps in geoscience capacity compared to demand for geoscience skills and the development of recommendations for strengthening the capacity and voice of the geoscience sector in the Global South. In 2020, Honor James produced a literature review examining the challenges facing geoscience education in higher education institutions in the Global South and the solutions that have been implemented to overcome them. Laura Pozzi and Gareth Hurman also developed a database of geoscience higher education courses in eastern and southern Africa, including details of the modules offered and course duration. Both will be published, together with outputs from further analysis, in 2021.
- **BOND network of international development organisations.** We joined and engaged with this network of development organisations, helping us to better understand NGO requirements for geological information in international development, and communicate this with the broader geoscience community.

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

Highlights from 2020 include:

- **A Voice for Geoscience in Global Policy Forums.** We responded to consultations and requests for information by United Nations Department of Economic and Social Affairs and the International Science Council. We submitted an application for consultative status with United Nations Economic and Social Council, providing NGOs with access to various UN processes, and an application for observer status for COP26 with the United Nations Framework Convention on Climate Change
- **Equality, Diversity, and Inclusion.** We became a supporting partner of the *Equality, Diversity, and Inclusion in Geoscience* (EDIG) initiative (see <https://www.icrag-centre.org/edig/>).

## **ORGANISATIONAL PARTNERSHIPS**

In 2020, we partnered with a range of 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 2020, we received a grant of \$4000 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.
- **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.
- **Responsible Raw Materials.** This initiative, launched in 2020, provides the means for different stakeholders to contribute to a conversation and access up-to-date information on the responsible extraction and use of raw materials. Responsible Raw Materials selected GfGD as one of their charities to support in 2020.
- **Equality, Diversity, and Inclusion in the Geosciences (EDIG).** We are proud to be a supporting partner of the EDIG project, primarily organised by geoscientists at the Irish Centre for Research in Applied Geosciences.

## 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, online consultations, engagement in universities, and publication of resources) has helped to increase awareness of how geoscientists can make a positive contribution to sustainable development. We supported research with a focus on eastern Africa, engaging with academics in Kenya on work that will continue into 2021. Our social media content, blogs and publications 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 education for sustainable development and responsible management of natural resources. Work on improving water provision and resilience to environmental shocks (e.g., volcanic eruptions) was paused due to COVID-19 restrictions. 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 2020, Joel Gill (founding Trustee) retired from the Board. An open recruitment process in early 2020 resulted in the appointment of two new trustees, Sarah Gordon and Natasha Dowey.



### 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 of London*, leading its delivery of policy, education, media and wider communications. Nic is European Coordinator for the *International Association for Promoting Geoethics*.



### KIRSTY DAWKES

Kirsty has an MSci in Geological Sciences and is a Chartered Geologist through the *Geological Society of London*. She currently works in the energy sector, with international engagement.



### MARIE FLEMING

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*.



### FLO BULLOUGH

Flo has an MSci in Geology from *Imperial College London* and 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.



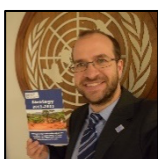
### NATASHA DOWEY

[APPOINTED APRIL 2020] Natasha is a lecturer in physical geography at *Sheffield Hallam University*, with specialisms in hazards, volcanoes, and igneous geology. Her research into the uncertainty involved in studying rocks formed in explosive eruptions aims to improve understanding of volcanic hazards.



### SARAH GORDON

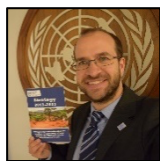
[APPOINTED APRIL 2020] Sarah is a geologist and a co-founder of the risk management society, *Satarla*. She has previously worked for *Anglo American*, which has taken her to live and work around the world, and has a PhD in the chemistry of meteorites from *Imperial College London*.



### JOEL GILL

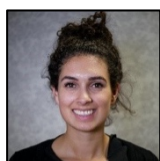
[RETIRED APRIL 2020] Joel has an interdisciplinary PhD in geography (natural hazards) from *King's College London*. In November 2016, he joined the *British Geological Survey*, contributing to their overseas development work.

**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 Senior Leadership Team (indicated with an asterisk \* below) and a wider team of volunteers. This group expanded at the start of 2021, and 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.



**SABRINA JAMES (EXECUTIVE ASSISTANT)**

*[Appointed in 2021]* Sabrina supports our administration and wider team with diverse engagement in project management. Core responsibilities include: reporting, managing tasks through the use of Basecamp tool, people management and supporting the wider leadership team.



**EMILY WHITE (DEPUTY DIRECTOR AND NETWORKS LEAD\*)**

Emily leads our GfGD University Group network, 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.



**ALLIE MITCHELL (INDUSTRY LEAD)**

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



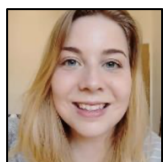
**SEAN RUFFELL (UNIVERSITY GROUPS ASSISTANT)**

Sean supports our GfGD Student Ambassador Network, helping students to engage with activities that align with GfGD's core values. Core responsibilities include: supporting GfGD Ambassadors, resourcing Ambassadors and communicating their work.



**HANNAH HILBERT-WOLF (RESEARCH AND ANALYSIS LEAD\*)**

*[Appointed in 2021]* Hannah leads the Research Team, which develops and coordinates a program of impact-focused research. Core responsibilities include: management of teams to deliver research; research dissemination in educational and policy contexts; development of tools and policies for delivering ethical, high quality, impactful research.



#### **LAURA HUNT (RESEARCH ASSISTANT, IMPACT)**

Laura helps design and deliver research to understand the impact of GfGD's activities. Core responsibilities include: supporting GfGD with advice and tools to embed Monitoring, Evaluation, and Learning into GfGD's work, and assisting with the design, implementation, and analysis of GfGD projects.



#### **LAURA ROBERTS-ARTAL (COMMUNICATIONS LEAD\*)**

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.



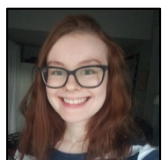
#### **JESSE ZONDERVAN (CONTENT EDITOR)**

Jesse supports communication and outreach through his editorial role in the written work of GfGD. Core responsibilities include: website content, supporting communications, preparing writing for outreach publications and managing the newsletter.



#### **RACHEL ONG (GRAPHIC DESIGN ASSISTANT)**

*[Appointed in 2021]* Rachel supports our communications team and wider team. Core responsibilities include: designing graphics for GfGD's social media, reports and other materials to enhance GfGD's communications.



#### **ANNA LEPPÄNEN (SOCIAL MEDIA ASSISTANT)**

*[Appointed in 2021]* Anna supports our communications team and wider team. Core responsibilities include: managing and expanding our social media presence (particularly Facebook, Twitter and LinkedIn), increase awareness of GfGD work and deliver impact and generate support (including funding).

## **E. FINANCIAL OVERVIEW**

The accounts below document financial activity (income and expenditure) that occurred in 2020 and 2019. 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 2019, please refer to previous GfGD Annual Reports ([www.gfgd.org/annual-reports](http://www.gfgd.org/annual-reports)).

Key observations include:

- **[Unrestricted Income]** £8590 is labelled as unrestricted income, and can be used to support the full portfolio of our work. This income was raised through grants, personal and corporate donations, and fundraising activities. We are particularly grateful to the International Union of Geological Sciences (IUGS), the UNESCO/IUGS International Geoscience Programme Project 685, and the Responsible Raw Materials initiative for their support. Our unrestricted



income in 2020 included £3090 of income pledged in 2019. A further £325 was pledged to GfGD in 2019 but not received in 2020 and unlikely to be received in the future.

- **[Expenditure from Unrestricted Income]** £3084 is labelled as expenditure, using our unrestricted income. £144 (5%) of this expenditure was used to support charity governance (e.g., committee and trustee meeting costs). The remaining £2940 (95%) of expenditure was used to support our charitable activities, including £706 on charitable activities delivered in 2019 (with the invoice received by GfGD in early 2020) and the remaining £2234 on charitable activities delivered in 2020 (described in detail in **Section C**).
- **[Restricted Income]** No restricted income was received in 2020.
- **[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.

In 2020, the net movement in unrestricted funds (including non-cash assets and liabilities, as set out on the Balance Sheet) was therefore £2796, and the total net movement in funds was also £2796. 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 2021, this equates to £5000–£7500. At the end of 2020, based on our balance sheet, our free reserves stood at £9279. While this is above the range set out in our Charity Reserves Policy, we note that there is significant uncertainty regarding the ability of many organisations to generate income through 2021, given the COVID-19 pandemic and recovery. It is therefore prudent to hold additional reserves. This will be reviewed by the Trustees later in 2021.

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 2020 to help realise our charitable objectives.

**GfGD STATEMENT OF FINANCIAL ACTIVITIES (AS AT 31 DECEMBER 2020)**

	<b>Unrestricted Funds (£)</b>	<b>Restricted Funds (£)</b>	<b>Total 2020 (£)</b>	<b>Total 2019 (£)</b>
<b>Income and endowments from:</b>				
Donations and legacies	8136	--	8136	5273
Activities for Generating Funds (Fundraising Events)	454	--	454	330
Charitable activities	--	--	--	1125
Other trading activities	--	--	--	--
Investment income	--	--	--	--
<b>Total Income</b>	<b>8590</b>	<b>--</b>	<b>8590</b>	<b>6728</b>
<b>Expenditure on:</b>				
Costs of Generating Voluntary Receipts	--	--	--	(47)
Raising funds	--	--	--	--
Investment Management Costs	--	--	--	--
Charitable activities	(2940)	(720)	(3660)	(6803)
Governance Costs	(144)	--	(144)	(365)
<b>Total Expenditure</b>	<b>(3084)</b>	<b>(720)</b>	<b>(3804)</b>	<b>(7215)</b>
<b>Surplus/(Deficit) of income over expenditure</b>	<b>5506</b>	<b>(720)</b>	<b>4786</b>	<b>(487)</b>
Net gains/(losses) on investments	--	--	--	--
<b>Net income/(expenditure)</b>	<b>5506</b>	<b>(720)</b>	<b>4786</b>	<b>(487)</b>
<b>Transfers between funds</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
<b>Net movement in funds</b>	<b>5506</b>	<b>(720)</b>	<b>4786</b>	<b>(487)</b>
<b>Reconciliation of funds</b>				
Total funds brought forward	3773	2066	5839	6326
<b>Total funds carried forward</b>	<b>9279</b>	<b>1346</b>	<b>10625</b>	<b>5839</b>



**BALANCE SHEET (AS AT 31 DECEMBER 2020)**

	2020 (£)	2019 (£)
<b>Fixed Assets</b>		
Tangible Assets	--	--
Investments	--	--
<b>Total Fixed Assets</b>	--	--
<b>Current Assets</b>		
Debtors: Due in one year	--	3415
Debtors: Due after one year	--	--
Cash at Bank and in hand	10625	5839
<b>Total Current Assets</b>	10625	9254
<b>Current Liabilities</b>		
Creditors due within one year	--	1425
<b>Net current assets</b>	10625	7829
<b>Total assets less current liabilities</b>	10625	7829
<b>Funds</b>		
Unrestricted Funds	9279	6483
Restricted Funds <sup>1</sup>	1346	1346
<b>Total Funds</b>	10625	7829

**CASH FLOW STATEMENT (AS AT 31 DECEMBER 2020)**

	2020 (£)	2019 (£)
<b>Cash flows from operating activities:</b>		
Net cash provided by operating activities	4786	(487)
<b>Cash flows from investing activities:</b>		
Net cash provided by investing activities	--	--
<b>Cash flows from financing activities:</b>		
Net cash provided by financing activities	--	--
Change in cash and cash equivalents in the reporting period	4786	(487)
Cash and cash equivalents at the beginning of the reporting period	5839	6326
Change in cash and cash equivalents due to exchange rate movements	--	--
Cash and cash equivalents at the end of the reporting period	10625	5839

<sup>1</sup> Money raised for a project building resilience to volcanic hazards in Guatemala.

## F. LOOKING TO THE FUTURE

Through 2021 we will be developing our new strategy while advancing key projects:

- **Research and Analysis.** We will take forward research activities on themes aligned to our mission, including (i) education for sustainable development in the Global South, (ii) diversity, equality, and inclusion in the geosciences, and (iii) improving access to water in eastern Africa.
- **Advocacy, Policy, and Engagement.** We will engage (virtually and in-person) with UN mechanisms and consultations, including the UN Forum on Science, Technology, and Innovation for the SDGs, and COP26 (Glasgow, UK). We will seek to connect our research outputs (from the projects above) into education and policy spaces, delivering training, preparing policy briefs, and participating in conferences as required to achieve impact.
- **Education.** We will continue our engagement with geoscience students, supporting them to understand their role in sustainable development and equip them with the skills they require to have a positive impact. We will complete production of, and promote, the GfGD-supported book (Geosciences and the SDGs).

These will be reported on in our 2021 Annual Report (published in early 2022). 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](http://www.gfgd.org)), Facebook ([www.facebook.com/gfgd.org](https://www.facebook.com/gfgd.org)), LinkedIn ([www.linkedin.com/company/gfgd/](https://www.linkedin.com/company/gfgd/)), and Twitter ([www.twitter.com/Geo\\_Dev](https://www.twitter.com/Geo_Dev)).

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



CHARITY COMMISSION  
FOR ENGLAND AND WALES

Geology for Global Development

1165663

## Receipts and payments accounts

CC16a

For the period  
from

01-Jan-20

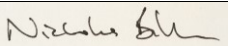

To

31-Dec-20

### Section A Receipts and payments

	Unrestricted funds to the nearest £	Restricted funds to the nearest £	Endowment funds to the nearest £	Total funds to the nearest £	Last year to the nearest £
<b>A1 Receipts</b>					
Voluntary Receipts (Donations, Legacies and Grants)	8,136		-	8,136	5,273
Investment Dividends/Interest	-	-	-	-	
Activities for Generating Funds (Fundraising Events)	454		-	454	330
Charitable Activities	-	-	-	-	1,125
Other receipts	-	-	-	-	
<b>Sub total</b> (Gross income for AR)	<b>8,590</b>	<b>-</b>	<b>-</b>	<b>8,590</b>	<b>6,728</b>
<b>A2 Asset and investment sales, (see table).</b>					
	-	-	-	-	-
	-	-	-	-	-
<b>Sub total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total receipts</b>	<b>8,590</b>	<b>-</b>	<b>-</b>	<b>8,590</b>	<b>6,728</b>
<b>A3 Payments</b>					
Costs of Generating Voluntary Receipts	-	-	-	-	47
Fundraising Costs	-	-	-	-	-
Investment Management Costs	-	-	-	-	-
Costs of Charitable Activities	2,940	720	-	3,660	6,803
Governance Costs	144	-	-	144	365
<b>Sub total</b>	<b>3,084</b>	<b>720</b>	<b>-</b>	<b>3,804</b>	<b>7,215</b>
<b>A4 Asset and investment purchases, (see table)</b>					
	-	-	-	-	-
	-	-	-	-	-
<b>Sub total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total payments</b>	<b>3,084</b>	<b>720</b>	<b>-</b>	<b>3,804</b>	<b>7,215</b>
<b>Net of receipts/(payments)</b>	<b>5,506</b>	<b>- 720</b>	<b>-</b>	<b>4,786</b>	<b>- 487</b>
<b>A5 Transfers between funds</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>A6 Cash funds last year end</b>	<b>3,773</b>	<b>2,066</b>	<b>-</b>	<b>5,839</b>	<b>6,326</b>
<b>Cash funds this year end</b>	<b>9,279</b>	<b>1,346</b>	<b>-</b>	<b>10,625</b>	<b>5,839</b>

## Section B Statement of assets and liabilities at the end of the period

Categories	Details	Unrestricted funds to nearest £	Restricted funds to nearest £	Endowment funds to nearest £
<b>B1 Cash funds</b>	Cash at Bank	9,279	1,346	-
		-	-	-
		-	-	-
	<b>Total cash funds</b>	<b>9,279</b>	<b>1,346</b>	<b>-</b>
	(agree balances with receipts and payments account(s))	OK	OK	OK
<b>B2 Other monetary assets</b>		-	-	-
		-	-	-
		-	-	-
		-	-	-
		-	-	-
<b>B3 Investment assets</b>		Fund to which asset belongs	Cost (optional)	Current value (optional)
			-	-
			-	-
			-	-
			-	-
<b>B4 Assets retained for the charity's own use</b>		Fund to which asset belongs	Cost (optional)	Current value (optional)
			-	-
			-	-
			-	-
			-	-
<b>B5 Liabilities</b>		Fund to which liability relates	Amount due (optional)	When due (optional)
			-	
Signed by one or two trustees on behalf of all the trustees		Signature	Print Name	Date of approval
			Nic Bilham	06-May-21
			Kirsty Dawkes	07-May-21