International Association of Hydrogeologists
the World-wide Groundwater Organisation

ANNUAL REPORT 2013

Furthering the understanding, wise use and protection of groundwater resources throughout the world
IAH Annual Report

IAH members who receive paper copies of the Hydrogeology Journal may have noticed that no printed annual summary report was enclosed during the summer. Like last year, we decided to prepare a digital-oriented version of the report, and this year we have decided to have no formal print run at all. Instead, greater effort this year has been made to make our report more readable and information more clearly accessible by picking out key statistics and facts, particularly about the ways we obtain and spend our funds. We also provide links to further details for those who are interested. We hope you like this approach, and would be happy to receive feedback.

Questions or comments?  
Email info@iah.org

“The wonder of groundwater”  
Oluwole Oyedeji, IAH photo competition 2013 winner
President’s message

2013 was a busy year for the Association. An obvious high point was September’s eagerly awaited launch of the new website, the culmination of much hard work by the IAH Secretariat and its web development partners. Other highlight contenders included the 40th IAH International Congress expertly staged in Perth by our Australian colleagues, and some excellent more focused meetings organised in Budapest, Hungary and in Xi’an and Beijing, China involving our IAH Commissions. The organisers of the ‘Karstflow’ meeting in Budapest deserve special commendation for choosing a meeting theme that proved attractive to members of both the Karst and Regional Groundwater Flow Commissions.

During the year, Hydrogeology Journal, already a leader in the publishing world, continued to grow in scientific stature under the watchful eye of Cliff Voss and his editorial team, while our book editor-in-chief Nick Robins presided over the release of two new books in our Special Publication (‘SP’) green book series. IAH also became more active in the world of social media, increasing the membership of our main IAH LinkedIn group during the year to 1177, well over a quarter of our total membership. This provides opportunities for members to interact and exchange information, ideas, and pictures on a wide range of topics, including training and employment opportunities. Our commissions and networks are also beginning to establish their own social media presence, which will help encourage younger professionals to participate in their activities.

There is of course a financial cost to increased activity within the Association and this is reflected in our balance sheet for 2013. Despite increased income from membership fees, the costs associated with website development and new member services obliged us to draw on our reserves during the year. While these reserves remain strong and the Association is in good financial shape, plans to further enhance the range of services we provide to members, particularly regarding training and education, will require us to generate significant additional income in future years.

Although we are beginning to explore the potential for income diversification, growth will be most readily accomplished through increased membership numbers, and sustaining membership growth remains a high priority goal for the current IAH Council. In part this can be achieved by helping national chapters to remain healthy and vibrant and to contribute to IAH’s mission at the local scale, and we will continue our efforts to work with and support our national chapters.

Overall, 2013 was a very productive year for the Association and its freshly elected Council. The momentum generated needs to be maintained, and Council will certainly be continuing the hard work on your behalf.

Professor Ken Howard
IAH’s President

Left top: Ken Howard talking to Jim Lamoreaux (USA), Chair of the IAH Commission on Mineral and Thermal Waters, picture courtesy of IAH Australia / thesceneteam.com.au

Left bottom: Ken Howard with Vic Heilweil, chair of the US National Chapter, Gillian Hurding, co-chair of the ECHN and Shammy Puri, IAH Secretary General
May 2013 – First Central European Groundwater Conference held in Hungary

Iulian Popa (Romania), Bruce Misstear (Ireland, Vice President – Finance and Membership), Andrzej Wilkowski (chair of Polish Chapter), Teodora Szocs (Vice President – Europe (West and Central), Istvan Fórizs (chair of Hungarian Chapter), Petar Milanovic (chair of Serbian Chapter), Marco Pettita (chair of Italian Chapter)

September 2013 – the 40th IAH Congress in Perth, Australia, was an all round success
GEF Groundwater Governance project – thematic papers released and fifth regional consultation, for Europe and North America, takes place in the Hague, Netherlands

July 2013 – IAH Council and other representatives meet in Reading, UK

Back: Nick Robins; Kellie Nicholson; Michael Rivett; David Kreamer; Sue Duncan; John Chilton; Callist Tindimugaya; Bruce Misstear; Viviana Re; Shammy Puri; Luiz Amore
Middle: Sharon Warden; Willi Struckmeier; Teodora Szilcs
Front: Antonio Chambel; Ken Howard; Mohamed Aboufirras
Launch of new website

After a long period of consultation, planning, design, preparation and testing, a new website for IAH was launched during 2013.

Aside from the Hydrogeology Journal, the new website was one of the greatest financial commitments for the Association for quite some years and IAH had to be confident that it could meet our needs for some time into the future. Built using flexible design and user friendly technology methods, the website can be readily adapted. Its launch was regarded as the first step of many in terms of IAH using modern technology methods to service both the practical requirements of the association as well as support its mission and aims. We immediately received positive messages from our members after the launch, boosting confidence and future commitment to associated tasks.

A broad range of ongoing advancements are planned for the website with every intention that it serves IAH members and the broader groundwater community well. We continue to consult our audience for feedback and ideas, and are grateful for the strong support that we have so far received for the project.

One of the next tasks is to build sub-sites for those of our commissions, networks and chapters who would like them.

Improved data security and online communication methods

One integral part of our website project involved developing a brand new application to hold IAH’s member and supporter data. As well as providing enhanced data protection, fulfilling IAH’s legal obligations, the application helps the association better communicate with its communities via a dedicated and reputable provider. As a result of such developments considerably more users have signed up to receive online IAH’s communications. IAH is also able to more effectively assess the strength of its communications, enabling better and more meaningful interaction.

Social media

Along with the new website, in 2013 IAH took further steps into the world of social media. The Association already had a general, non-specialised LinkedIn group for IAH members and a subgroup for the Early Career Hydrogeologists’ Network. During the year further specialised groups were established by some of our other commissions and networks. IAH also set down a Facebook page at the close of year, in readiness for 2014 efforts.
Teamwork and outreach

The science base of the Association is its Commissions and Networks, some of which have a long history of activity and publication.

However, they need to be able to respond to new issues and challenges, to establish new ways of working and to find productive partnerships. They have always had the objective of contributing to the science of groundwater, but a need for outreach, education and training activities has become increasingly apparent. One effective way to meet such challenges is through convening conferences and scientific meetings; independently or with partners. In 2013, as well as IAH’s congress, three standout events were:

The 8th International Symposium for MAR in Beijing, supported by the IAH Commission on Managing Aquifer Recharge (MAR), along with UNESCO and ASCE. Despite the huge investment in surface water infrastructure, there is considerable interest in MAR in China for augmenting water resources, improving water quality and mitigating impacts on groundwater resources and it was the perfect host for ISMAR8. The programme included oral papers, posters and technical workshops. A field visit was made to the Zhangijawan groundwater science observation site and a plenary session of the Commission resulted in rejuvenation and formation of a number of new working groups. The event attracted about 150 participants, of whom 50 were from China. Planning is underway for ISMAR9 in Mexico City in 2016.

The International Symposium on Hierarchical Flow Systems in Karst Regions in Budapest, Hungary, co-organised by the IAH Karst and Regional Groundwater Flow Commissions in cooperation with the International Union of Speleology (UIS). The symposium included a one day field trip to the famous Buda Thermal Karst caves and spas. Prior to the symposium, the commissions organised training courses on regional flow and karst hydrogeology attended by 70 participants, and during the symposium the Karst Commission held its annual meeting and awarded its Young Karst Researcher prizes.

An International Symposium on Regional Groundwater Flow: Theory, Applications and Future Development was held in Xi’an, China. The symposium was hosted by the China Geological Survey (CGS) and IAH’s Regional Groundwater Flow Commission, and mainly organized by the China University of Geosciences and the Xi’an Centre of the China Geological Survey. Thirty three invited speakers from 12 countries covered different aspects of the theory of regional groundwater flow, including recent advances, study methods, applications and future development. More than 160 delegates attended the symposium.

Find out more
Go to http://iah.org/groups/commissions-networks for information regarding IAH’s commissions and networks
Hydrogeology Journal

The Hydrogeology Journal (HJ) is the association’s main publishing activity. Our journal continues to grow in scientific stature amongst groundwater professionals, with the impact factor up from 1.675 for 2012 to 1.712 for 2013, continuing the steady rise over recent years. Maintaining a balance between impact factor and broad geographical spread of authors and content remains a key objective for the editorial team and the Association.

Both IAH and our publisher, Springer, are satisfied with the existing operational model for the journal and neither sees any immediate need to change it significantly. A key issue for the future is the move towards options for open access publishing. As a leading international journal and book publisher, Springer obviously keeps a close eye on the changing world of science publishing. In 2013 the journal’s editorial team and the publisher kept the situation under regular review and made regular reports back to the IAH Executive and Council.

Book Series

2013 saw the publication of two books in our Special Publications (SP: Green Book) Series. SP18 “Groundwater and Ecosystems” includes papers from the IAH Congress in Lisbon and those in SP19 come from the Geological Society of South Africa conference in Pretoria in 2011. SP20 on Groundwater in Hard Rocks and SP21 on calcium and magnesium in groundwater were well advanced for planned publication in 2014.

In contrast, the picture for our International Contributions in Hydrogeology (ICH: Blue Book) Series is less reassuring. Whilst the recent ICH27 on climate change and groundwater in particular continues to sell very well, there are currently no books in this series in preparation. It is clear that the time required for book writing is harder to find in our increasingly busy world, and this affects all professional societies and their publishers. The lack of proposals for ICH books continues to be a cause for concern and we are encouraging IAH’s commissions, networks and members to support the series.

Numbers at a glance

- 8 issues of 1900 pages containing 143 articles
- 402 articles were submitted, of which 145 (36%) were accepted for publication
- First authors from 31 countries
- Average time from submission to volume allocation improved from 408 days in 2012 to 344 days in 2013
- More than 150,000 full-text article downloads
- Readers were in Asia-Pacific (30%), North America (26%), Europe (26%), Rest of World 18%
Membership

Any professional association depends on its members’ energies and the fee income that they bring to guarantee the ongoing strength and range of its activities, and IAH is no exception.

The more members we have, the greater our global coverage and the stronger our voice in advocating the wise use and protection of groundwater resources.

Work to strengthen our membership is thus vital. The yearly balance between new members and those who choose not to renew determines our actual growth. Even with good recruitment efforts, members leave the association and, as the table below shows, for some chapters more individuals are leaving than joining.

Some loss of members is inevitable because individuals retire or move out of the groundwater profession. We know that in some countries IAH competes for members against national organisations with similar objectives, although we pride ourselves that our association provides a more international view of hydrogeological science and groundwater concerns. In some regions of the world, harsh economic realities come into play. We are also mindful that for some the membership benefits we offer are less or different to those they would like. In this respect we conduct surveys and research to seek our members’ views.

More could be done, however. Better retention of members would clearly pay off in terms of overall growth in all of our regions.

Find out more
Recruitment information for individual and corporate membership, including benefits, can be found at http://iah.org/join-us

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<tr>
<th>COUNTRY</th>
<th>NUMBER OF NEW MEMBERS</th>
<th>% NET GAIN/LOSS</th>
</tr>
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<tr>
<td>Australia</td>
<td>142</td>
<td>-15.6%</td>
</tr>
<tr>
<td>India</td>
<td>37</td>
<td>+58.7%</td>
</tr>
<tr>
<td>Canada</td>
<td>36</td>
<td>-20%</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>33</td>
<td>+2.6%</td>
</tr>
<tr>
<td>USA</td>
<td>30</td>
<td>-0.7%</td>
</tr>
<tr>
<td>Italy</td>
<td>27</td>
<td>+15.9%</td>
</tr>
<tr>
<td>France</td>
<td>20</td>
<td>-7.9%</td>
</tr>
<tr>
<td>Germany</td>
<td>15</td>
<td>-8.6%</td>
</tr>
<tr>
<td>Ireland</td>
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</tr>
<tr>
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<tr>
<td>Belgium</td>
<td>13</td>
<td>+21.9%</td>
</tr>
</tbody>
</table>

A total of 533 new members joined the association in 2013 from 60 countries. The table shows the countries where the largest numbers of new members were recruited.

FINANCE FACT

In 2013, 68% of our annual income was derived from membership fees, of which 11% came from our 47 valued corporate members.

Find out more http://iah.org
National chapters

Active national chapters help us to bring scientific, professional and social benefits to IAH members. They also provide the profession with a voice for promoting sound and sustainable groundwater use at the country level.

Regular reports of chapter activities appear in IAH’s News and Information magazine and on the website. IAH currently has 40 national chapters and efforts continue to establish more. In 2013, a new national chapter was set up in Russia and clear progress was made in Bolivia, Turkey, Malawi, Tanzania and Sri Lanka. In addition, chapter committee elections took place in Croatia, India, Ireland, Poland and Slovenia. If you think there are members of IAH in your country who would be interested in setting up a national chapter, please do get in touch.

As well as funding sponsored members, national chapters can also support each other. One example is with the US National Chapter, which established a twinning relationship with our new Bolivian chapter. This will include providing help to prepare their own constitution as well as sponsoring the fees of several new members.

We also encourage chapters to convene technical meetings. The first Central European Groundwater Conference attracted 81 hydrogeologists from ten countries. The importance of developing and protecting thermal waters has gained increasing recognition, and the venue was chosen because the way thermal waters have been developed and protected at Mórahalom could serve as a model. Following its success, there is every intention to establish this as a regional event every two years.

The geothermal waters theme was also taken up by the Polish Chapter for its fourth International Field Workshop for young hydrogeologists held in Łądek-Zdrój and co-convened with the University of Wrocław. The 45 participants learnt about and enjoyed the spa and its therapeutic waters and visited the largest cave open for visitors in Poland – the Bear Cave in Kletno.

Always one of our most active groups, the Irish National Chapter has continued with its annual conference and monthly technical meetings and successfully tested remote participation so that members in Galway and Belfast can join the monthly meetings. The 2013 field trip looked at pathways and poorly productive aquifers and a karst hydrogeology training course in the world-famous Burren limestone region of western Ireland is illustrated in the photos, left.

Find out more

A full listing of our chapters and their principal contacts can be seen at www.iah.org/groups/national-chapters

FINANCE FACT

All our national chapters receive 10% of their country’s membership income to help them fund local activities. Many collect fees in local currency for the convenience of members. In 2013, a total of £14,100 was retained by or returned to chapters.
Sponsorship scheme

Many hydrogeologists and those working in groundwater-related fields would like to join IAH and would benefit from membership but are prevented due to economic or practical reasons. For some, this might be because our membership fee is high in relation to their income; others encounter problems of access to convertible currency or payment facilities.

To help such individuals, and to work towards our mission and goals, IAH operates a sponsorship scheme. It is clear the scheme is valued; some testimonies are given below.

IAH holds a central fund in the UK to enable such support and each year allocates a proportion of our fee income. We also accept donations from our members which are set to good use. In addition a number of national chapters operate country-to-country schemes. Members can also sponsor a named colleague in a developing country – this situation often happens when individuals meet on projects or from studying together.

Through this sponsorship I enjoy all the facilities (access to the journal, access to free books offered by IAH and news about Conferences and research grants). I am also in contact with other hydrogeologists in the world with whom I share work experiences.

Dr Andrew Ako Ako Jr.

My PhD research project has benefitted from reference to hydrological studies published in the IAH monthly journals and their other information sources have helped me structure my personal development plan.

Uche Chukwura

What does sponsored membership of IAH mean to recipients?

Being a sponsored member of IAH has boosted my confidence and morale in the professional sphere of life. It also makes it possible for me to satisfy a professional requirement, as in my country professional organizations expect you to belong to a recognized association in your field of studies before you are offered employment.

Kassim Yakubu Al-Hassan

Support or participate now – go to:
http://iah.org/join-us/sponsorship-scheme

In 2013 IAH sponsored 265 members. Of these, 135 were supported by IAH’s central fund, 76 were funded by individuals and a further 54 were sponsored by a number of our chapters – namely the UK, Australia, Canada, United States and Ireland.

Dr. H. Narendra Singh

Being a research scientist in hydrometeorology, I felt I needed proper understanding of hydrogeology and groundwater processes. The knowledge acquired on these processes from the research papers published in the journal as well as personal discussions with the subject experts helped me a lot. This was possible only with the generosity of the sponsors. I, on behalf of the all the sponsored members and on my behalf, I thank to all the sponsors for this noble cause.

Dr. H. Narendra Singh
Early Career Hydrogeologists’ Network (ECHN)

IAH’s Early Career Hydrogeologists’ Network aims to support hydrogeologists at the start of their careers and to promote their greater involvement in IAH affairs. As well as supporting our young professionals, ECHN greatly contributes to the continuing strength of IAH, so we are very happy that the network continues to flourish.

Network members have an increasingly prominent role to play in IAH’s annual congresses and meetings and this was very apparent during our successful 2013 congress in Australia.

Communication is vital to the ECHN’s aims. Its LinkedIn group acts as its key forum and around 220 members are contributing. As well as group discussions, job and conference announcements are posted, polls are run and during IAH congresses it is used to promote special sessions and events. In addition, the network contributed ideas and advice to the development of the new IAH website, and is the first of IAH’s groups to have a fully-functioning sub site established.

Another way of meeting the Network’s aims is to establish national Early Career Hydrogeologist groups. In 2013 the first two were established in Western Australia and South Africa, with more planned.

Find out more
http://echn.iah.org

Australian Congress 2013

ECHN highlights

- Address by committee members at the opening and closing ceremonies, increasing the profile of our young professionals.
- A dedicated ECHN early career poster and oral presentation award, working in partnership with the congress committee.
- ECHN’s annual meeting and social function was attended by more than 100 participants, supported by IAH’s Western Australia group.
- A lunchtime session hosted by ECHN with Hydrogeology Journal Editor Cliff Voss provided advice on writing scientific papers and encouraged the 80 attentive early career professionals present to submit their work to IAH’s own journal.
Council and executive

The governing body of IAH is its Council, which is responsible for determining the Association’s general policy. Council serves for four years and the present Council was elected at the Annual General Meeting of the Association held at the Niagara Falls congress in September 2012. If Council meets only at our congress, then it would be a full year into the four year term before the new team could meet.

For this reason, the new Council met at Reading in June 2013 to benefit more quickly from the fresh ideas and energy that the new members would bring. Ten of the thirteen council members were able to come, together with the Secretariat, the ECHN and our books editor, as shown in the group photo on page 5. We also took the opportunity to learn about the activities and concerns of the British National Chapter.

Members of Council are the directors of IAH as a limited company and the trustees of IAH as a charity, and both roles have clear obligations and responsibilities. Meeting in the UK provided us with the opportunity to arrange a half day session of formal trustee training with an experienced consultant. All agreed that it had provided valuable insights by defining and illustrating their responsibilities as they began their term of office.

The meeting was also able to discuss at some length the governance and management of our national groups. These have grown up rather independently and according to local needs over a long period. While we should be sensitive to the independence of national chapters, it is clear that we are not always following our own Rules and guidance with respect to the way national chapters are operated and managed. Council agreed that a review of our Rules, guidance and current practice should be initiated, and this is currently underway.

The IAH Executive Committee, consisting of the President, Secretary General, VP Finance and Membership and VP Scientific Programme Coordination is responsible for the day to day operation of the Association’s business and activities in conjunction with the Secretariat. In 2013 the Executive met at Évora, Portugal in February, at Reading the day before the Council meeting and during the Perth Congress.

FINANCE FACT

A consequence of being a truly global association with eight regional vice presidents is that our Council members are widely dispersed. Bringing them all together for the UK meeting and training cost just over £10,000.

Find out more http://iah.org
Advocating for groundwater

Successfully advocating for groundwater means developing international partnerships. IAH has long been an affiliate of IUGS and is a member of the World Water Council (WWC), the Global Water Partnership (GWP) and UN Water and we have been making particular efforts to strengthen our participation in their activities.

International Year of Water Cooperation

IAH was able to make useful contributions to the International Year of Water Cooperation. The Association was well represented at the formal launch event in The Hague in March, as the European regional consultation for the GEF Groundwater Governance project immediately preceded it. IAH Secretary General Shammy Puri was present (financially supported by UNESCO) at the High Level International Conference on Water Cooperation in Dushanbe in August and then at the Budapest Water Summit on Sustainable Development (partially supported by the Hungarian Government and WWC). With its partners, IAH has been endeavouring to ensure there are explicit references to water in the Sustainable Development Goals (SDGs; the successors to the MDGs). At both events, IAH partnered with UNESCO-IHP and others to host sessions and side events highlighting groundwater resources. Both conferences produced final documents recognising the role of groundwater. Shammy attended the WWC Board meeting held prior to the Budapest Water Summit. IAH Regional Vice President for Western and Central Europe, Teodóra Szöcs, provided significant support in the course of the Budapest meeting, helping to give the Association good visibility at these important high level policy events.

The IAH Secretary General was invited to participate (supported by WWC) in a session organised by WWC for European Parliamentarians in Strasbourg on cooperation over transboundary water resources.

Find out more
Dushanbe High Level Conference
http://www.hlicwc.org/
Budapest Water Summit
http://www.budapestwatersummit.hu/

FINANCE FACT

In 2013 IAH received approximately £4900 in support from our partners to attend these and other similar international meetings; additional cost to IAH was around £2250.

Find out more http://iah.org
Working with partners – IAH’s Burdon Network

The effectiveness of any organisation’s work can be greatly enhanced by combining efforts with others. IAH has built up partnerships over many years, and is always looking for new opportunities for collaboration. Working with such partners on a regular basis helps IAH meet its scientific, educational and development objectives.

The signing of an MoU with the African Groundwater Network (AGW-NET) formally links the resources of our Burdon Network and Fund to a wide network of African groundwater professionals, many of whom are also IAH members. Following on from support for an AGW-NET training course in Lusaka, Zambia in 2012, in 2013 we supported regional training courses for west and central Africa run by AGW-NET. The courses in Bamako, Mali and Cotonou in Benin were aimed at bringing groundwater resources management and protection principles to the staff of river basin organizations in the region. The course in Bamako was attended by 23 participants from: Benin Republic (2), Burkina Faso (1), Cameroun (1), Cote d’Ivoire (1), Madagascar (1), Senegal (1) and Mali (16), who are shown with the course facilitators in the photo.

FINANCE FACT

A total of £6334 was donated from IAH’s Burdon Fund, providing some 20-25% of the total cost of each course for travel and accommodation costs of participants and provision of training materials.

Find out more http://iah.org
Overall financial performance

The Association had an unusually expensive year in 2013. Income was up by £8000 from 2012, but expenditure increased by £72,000, giving an overall deficit of £70,500, and an associated fall in our reserves from £219,750 to £151,250. This high level of expenditure was planned and partly reflects a welcome increase in spending to meet our charitable and educational objectives, partly the investment in a new website and partly the cost of an extra Council meeting in June. This is a much larger deficit than we are accustomed to, and has been taken into account in setting the budget for 2014.

Where our income came from

Income from membership fees (£202,047) was £3000 higher than in 2012. The contract with Springer provides funding to support the Hydrogeology Journal editorial team. Royalties of £ 20,071 derive from our journal and book sales. Donations included a welcome contribution of £3500 from MW Global Ltd to support our Karst Commission, and £17,500 from employers or other institutions towards travel costs of IAH Council members, which we would otherwise have needed to find. “Other income” represents the balance of £14,500 from the £27,000 received from the operating surplus from the Niagara Falls Congress, once the original loan for congress preparation has been accounted for.
How we spend our funds

With expenditure, two large items stand out. A total of £58,500 was spent in 2013 on developing our new website. Taking into account the first £8,280 spent in 2012, overall expenditure on the website was above the original budget. This can be attributed partly to the development of a new membership database and partly to the unanticipated complexity of IAH’s website requirement. Since the website went live in September 2013, the benefits of the new systems have become readily apparent, both to IAH members and supporters, and to the Secretariat managing and updating the site.

Staff costs of £72,000 comprise the salaries and associated costs for the four IAH part time employees. Printing and publications includes the £88,000 cost of the printed and on-line journal and the newsletters and the £22,000 for the stipends of the four Journal Editors provided by the Springer contract. The £25,000 under donations and grants includes continuing support to the Time Capsule project to the value of £4000, support for sponsored membership and for participation at the IAH congress in Perth, and the transfer of funds to the IAH Karst Commission.

Travel and subsistence

In 2013 IAH paid £63,469 for travel and subsistence. Taking out the £17,493 accounted as donations for travel mentioned above, £45,976 was actually spent. This included some £8700 for the Journal editor’s meeting held in December 2012, £10,000 the June Executive and Council meeting, £18,000 for Council members and advisers to attend the Council meeting and congress in Perth and £4700 for the meeting of the Executive in Evora in February.

Read IAH’s full accounts and other reports: Go to http://iah.org/about/reports/management
## Statement of Financial Activities for the year ending 31 December 2013

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<td><strong>356,193</strong></td>
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<th>Resources Expended</th>
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<td>7,774</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Website development</td>
<td>58,469</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>5,727</td>
<td>163,128</td>
<td>196,260</td>
<td>270,370</td>
</tr>
<tr>
<td>Management and administration of the charity</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salaries</td>
<td>16,718</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Strategic review and training</td>
<td>469</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accountancy fee</td>
<td>1,500</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
<td>18,687</td>
<td>22,482</td>
<td>30,972</td>
</tr>
<tr>
<td>Finance costs (bank charges)</td>
<td>4,499</td>
<td>5,413</td>
<td>7,457</td>
<td></td>
</tr>
<tr>
<td>and depreciation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total resources expended</strong></td>
<td><strong>366,612</strong></td>
<td><strong>441,072</strong></td>
<td><strong>607,627</strong></td>
<td></td>
</tr>
</tbody>
</table>

### Net Income / Expenditure

- **Net Income / Expenditure**: (70,550) (84,879) (116,930)
- **Net foreign exchange gains / (losses)**: 2,071 2,492 3,433
- **Net Incoming resources**: (68,479) (82,387) (113,498)

### Balance brought forward at 1 January 2013

- 246,227 296,237 406,100

### Prior year adjustment

- (26,483) (31,862) (43,893)

### As restated

- 219,744 264,375 364,207

### Balance carried forward at 31 December 2013

- 151,265 181,988 250,709
## Balance sheet as at 31 December 2013

<table>
<thead>
<tr>
<th></th>
<th>2013 £</th>
<th>2012 £</th>
<th>2013 EUR(€)</th>
<th>2012 EUR(€)</th>
<th>2013 USD($)</th>
<th>2012 USD($)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fixed Assets</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Current Assets</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash and debtors due</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Creditors</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amounts due within one year</td>
<td>(6,345)</td>
<td>(13,341)</td>
<td>(7,634)</td>
<td>(16,051)</td>
<td>(10,516)</td>
<td>(22,112)</td>
</tr>
<tr>
<td><strong>Net Assets</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Represented by:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unrestricted Funds</td>
<td>151,265</td>
<td>219,744</td>
<td>181,988</td>
<td>264,375</td>
<td>250,709</td>
<td>364,207</td>
</tr>
<tr>
<td>Burdon Fund</td>
<td>116,430</td>
<td>194,274</td>
<td>115,423</td>
<td>179,508</td>
<td>164,020</td>
<td>256,070</td>
</tr>
<tr>
<td><strong>Funds</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Statement by the Association’s reporting accountant:** These summarised accounts are extracted from the full financial statement of the Association which were subject to an unqualified report by Locke Williams Associates LLP, Blackthorn House, St Pauls Square, Birmingham, B3 1RL. The independent examiners have confirmed that the summarised accounts are consistent with the full annual financial statements and the Trustees’ Annual Report of International Association of Hydrogeologists for the year ended 31 December 2013. The annual report and accounts were adopted by the IAH Council on 8 August 2014 and will be submitted to the Charity Commission and the Registrar of Companies.

These summarised accounts may not contain sufficient information to gain a complete understanding of the financial affairs of the Association. For further information, the full accounts, the reporting accountants’ report on those accounts and the trustees’ annual report should be consulted; copies of these can be obtained from the IAH International Office or downloaded from www.iah.org/about/reports/management.

Throughout this report the conversion from sterling (£) to Euro (€) is at the rate of €1.2031 = £1 and to US Dollar ($) is at the rate of $1.6274 = £1.