



IAHS Ltd Manager's Report to IAHS Bureau, Port Elizabeth, July 2017

Covers period June 2016–June 2017

SUMMARY

This report reviews the activities of, and publications (*Hydrological Sciences Journal* – *HSJ*, plus three PIAHS volumes) produced by IAHS since the May 2016 Paris Kovacs meeting, and the associated finance.

The main change in 2016 related to the transfer of IAHS Association financial management to IAHS Ltd from IAHS Inc. Cate Gardner (CG) replaced Charles Onstad as Treasurer at the end of December 2016, but had already assumed many of the financial responsibility after the Bureau meeting in Paris in June 2016.

The partnership with Taylor & Francis (T&F) for *HSJ* continued successfully, and the backlog of accepted papers was reduced by end 2016, with the help of the T&F production team and the increase in extent of the journal to 16 issues (from volume 61, 2016). Copernicus produced three PIAHS publications (373: *The spatial dimensions of water management – Redistribution of benefits and risks*, ICWRS in Bochum, Germany; 374: *Water Resources Assessment and Seasonal Prediction* in Koblenz, Germany; and 375: *ICCE Symposium 2016 – Integrating monitoring and modelling for sediment dynamics*, Okehampton, UK). Book sales income continued to decline and at the end of 2016 all North American book sales administration and finance had moved to the UK office and will appear in the IAHS Ltd accounts going forward.

The IAHS membership increased to almost 7500, with about 40% of members in financially disadvantaged countries. The IAHS membership was kept informed of IAHS activities, new publications, news and meetings via the eNews website facility and social media.

IAHS OFFICE

The IAHS Ltd team comprised: Claire Lupton (CL) IAHS Executive Secretary and Frances Watkins (FW) *HSJ* Editorial Manager. The team continued to support the IAHS membership and Bureau in addition to conducting the book/journal publications business.

CL is responsible for the IAHS office and finance at Wallingford (with the oversight of CG as Treasurer), the website and membership, book sales and distribution, and is also available to support the Secretary General/President and other Association activities. FW continues to manage the *HSJ* Editorial process.

FW was unable to work in the office from the beginning of April 2016 due to ill health. The work with ScholarOne Manuscripts (the journal submission and peer review system) has been performed by Simon Horton at T&F and we are very appreciative of his ability to step in and take over this role. We have recruited an Editorial Assistant, Sara Rafferty, to work with FW from August 2017 so plan to bring back all ScholarOne work to the IAHS office. CG helped to coordinate journal production with FW, and Kerenza Kerslake and Shelly Barry from Taylor & Francis, and provided freelance copy-editing/proof-reading. FW has worked reduced hours from home to maintain the production schedule.

HYDROLOGICAL SCIENCES JOURNAL

- The partnership with Taylor and Francis (T&F) continues to work well, and the expertise and professionalism of the T&F team is appreciated. Their support with the ScholarOne Manuscripts peer-review system during FW's time off work due to illness has been invaluable.
- Following the agreement in 2015 to increase the size of the journal to 16 issues per year from vol. 61 (2016), the backlog of accepted papers has been reduced. The time between acceptance and publication of the final Version of Record online is now less than four months.

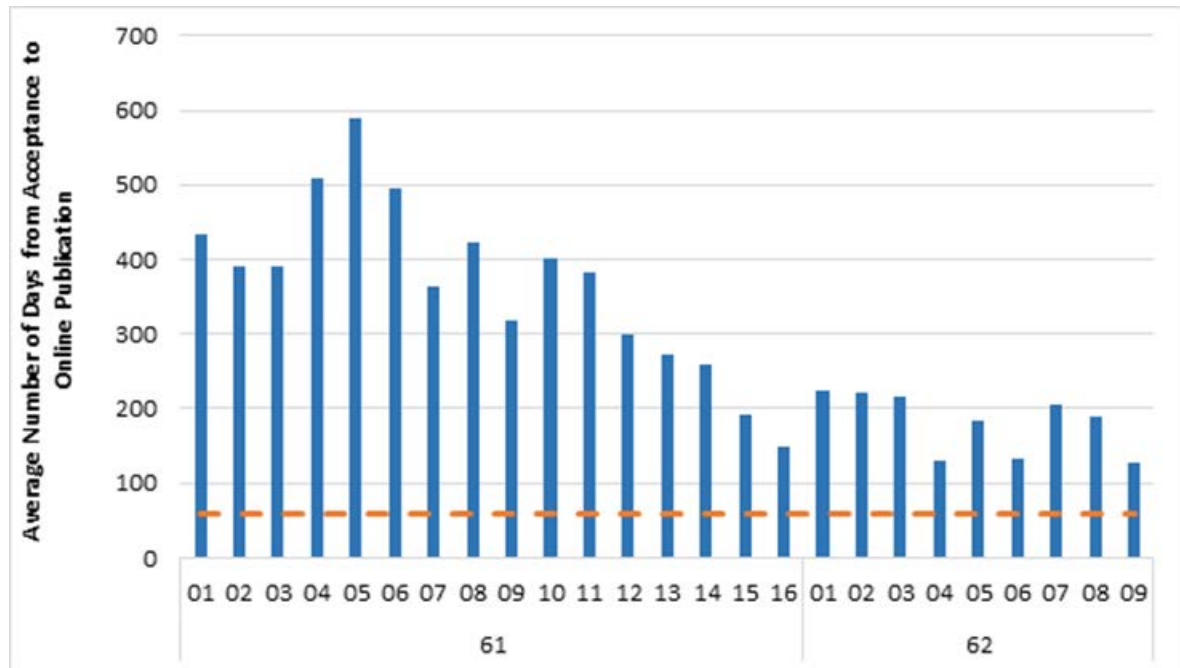


Figure 1 Average number of days from acceptance to online publication – courtesy of Taylor & Francis.

- A series of Panta Rhei Opinion Papers is being made free to view for a limited period of time and it is proposed to publish them as a Virtual Special Issue in the future.
- Authors have the option to pay a one-off Article Publishing Charge (APC) to T&F to make their paper open access immediately (Gold Open Access); otherwise access is via subscription or pay per view. All papers in volumes more than two years old automatically become open access.
- Usage: T&F reported 347 248 full-text downloads in 2016 (cf. 340 941 in 2015, 167 450 in 2014) and 171,116 as of May 2017.
- Promotion by free-to-view “featured articles” continues, with details disseminated in press releases and via IAHS social media. Featured articles are generally also included in the Tison Award shortlist.
- Tison Award papers are free to view, as are supplementary materials (e.g. datasets) to papers— attracting more citations.
- A further increase in the impact factor (IF) was reported in June 2017 (*ISI Journal Citation Report for 2016*) (see Table 1). *HSJ* is now ranked 24/88 in the Water Resources category.

Table 1 Current and 5-year impact factors in 2016 and recent years.

	2010	2011	2012	2013	2014	2015	2016
Impact factor	1.447	1.541	1.114	1.252	1.549	2.182	2.222
Five-year IF	1.891	1.934	1.720	1.937	1.864	2.156	2.372

- Ross Woods was appointed as Co-editor (CE), alongside Demetris Koutsoyiannis, Mike Acreman (MA) and Attilio Castellarin, temporarily increasing the number of CEs to four. MA announced his retirement from 1 April 2017, although he will continue to manage the manuscripts still assigned to him.
- Eight new associate editors (AE) were invited to serve *HSJ* from the beginning of 2017; there were two resignations, and one further AE has been appointed; making 39 in total, and the annual total will increase to 42 over the next two years.
- In the past 12 months, approx. 460 new manuscripts were submitted. All submissions are routinely subjected to an originality check (using CrossRef software). About 10% are unsubmitted with a request to remove the similarity with other published work. Table 2 details submission/review statistics of submitted manuscripts.
- Simon Horton of T&F has been managing the S1M site on behalf of IAHS since April 2016. An

Editorial Assistant has been appointed to start on 1 August 2017 and training will be undertaken jointly by FW and T&F.

Table 2 Statistics for submission/review of papers.

	2010	2011	2012	2013	2014	2015	2016	2017 (YTD*)
New submissions	382	378	474	517	571	510	498	210
Revised papers	128	246	233	292	331	248	184	109
Accepted papers	–	128	109	176	173	114	99	57
Rejected papers	–	264	293	395	397	320	345	160
Acceptance rate	35%	48.5%	37%	44.6%	43.6%	35.6%	22%	26.3%*
Submission to first decision	120 d	108 d	78 d	81 d*	81 d*	78 d*	69 d	44 d*

* YTD: January to end May.

Production

- Accepted papers are checked for completeness by FW before being sent to T&F where they are published online (www.tandfonline.com/thsj) as author manuscripts (with a disclaimer); copy-edited and typeset proofs are checked by authors, and the corrected final Version of Record is then published online prior to being assigned to an issue.
- The 16 issues published in 2016 exceeded the page target (2256 pages) as the backlog of accepted papers was cleared. The content has continued to increase year on year. Table 3 summarizes the number of scientific papers published annually in *HSJ* since 2012, and the page length of each volume.

Table 3 Summary of number of papers published and extents of HSJ (2012–2017).

	2012 (vol. 57) 8 issues	2013 (vol. 58)	2014 (vol. 59) 12 issues	2015 (vol. 60)	2016 (vol. 61) 16 issues	2017 (vol. 62)*
Papers	112	121	144	145	216	92
Total pp.	1696 + xvii	1823 + xxi	2222 + xxi	2218 + xxxii	2976	1338

Note: T&F introduced a new style, Interact, in 2014/15 (vol. 61 onward), with a condensed format to help clear the backlog. Vol. 62 is in the regular Interact format. * year to date (8 issues).

Special issues

Vol. 61 (2016) contained a special themed section (in no. 7) and one special issue (no. 9):

- Facets of Uncertainty* (Kos October 2013; ed. by E. Eris, S. Weijs and E. Volpi; Preface + 15 papers; vol. 61(9)).
- Hydrology and Peace in the Middle East* (invited; ed. by K. Aggestam and R. Berndtsson; Preface + 6 papers; vol. 61(7)).

No further special issues are currently planned.

Panta Rhei papers

- As the first biennium of the IAHS “Panta Rhei” initiative was reached in 2015, several papers on this topic were submitted to *HSJ* and three were published in 2016:
 - McMillan *et al.*, 2016. Panta Rhei 2013–2015: global perspectives on hydrology, society and change. *HSJ* 61 (7), 1174–1191.
 - Mount *et al.*, 2016. Data-driven modelling approaches for socio-hydrology: opportunities and challenges within the Panta Rhei Science Plan. *HSJ* 61 (7), 1192–1208.
 - Ceola *et al.*, 2016. Adaptation of water resources systems to changing society and environment: a statement by the International Association of Hydrological Sciences. *HSJ* 61 (16), 2803–2817.
- The papers are clearly identifiable by the Panta Rhei logo, both in print and at TFO. It is planned to group them within a Virtual Special Issue at the *HSJ* website, to be promoted by T&F, and to make the papers free to view for a time if they are not yet open access.
- In addition, a special series of *HSJ* Opinion Papers directly linked to Panta Rhei was launched in 2016, coordinated by associate editor Heidi Kreibich. The aim is to publish these through



IAHS and other media to invite formal discussion in the form of comments and replies that will also be submitted to *HSJ*. Again, it is planned to group these articles within a Virtual Special Issue. The following papers have already been published online:

Kreibich, H. *et al.*, Editorial: Scientific debate of Panta Rhei research – how to advance our knowledge of changes in hydrology and society? *HSJ* 62 (3), 331–333.

Blume, T. *et al.*, The role of experimental work in hydrological science – insights from a community survey. *HSJ* 62 (3), 334–337.

Srinivasan, V. *et al.*, Prediction in a socio-hydrological world. *HSJ* 62 (3), 338–345.

- The two papers tackling the second research question in this series, Liu, J. *et al.* and Di Baldassarre, G. *et al.*, are, respectively, accepted and under final revision, and likely to be published toward the end of 2017. No discussion papers on the above articles have been received to date.

IAHS BOOK SERIES

Three online open-access journals (PIAHS) have been produced by Copernicus in 2016 and 2017 in association with IAHS.

373		<p>2016</p> <p>The spatial dimensions of water management – Redistribution of benefits and risks</p> <p>7th International Water Resources Management Conference of ICWRS, Bochum, Germany, 18–20 May 2016</p> <p>A. H. Schumann, G. Blöschl, A. Castellarin, J. Dietrich, S. Grimaldi, U. Haberlandt, A. Montanari, D. Rosbjerg, A. Viglione, and S. Vorogushyn</p>
374		<p>2016</p> <p>Water Resources Assessment and Seasonal Prediction</p> <p>International Conference Water Resources Assessment and Seasonal Prediction, Koblenz, Germany, 13–16 October 2015</p> <p>W. Grabs and S. Demuth</p>
375		<p>2017</p> <p>Integrating monitoring and modelling for understanding, predicting and managing sediment dynamics</p> <p>ICCE Symposium 2016 – Integrating monitoring and modelling for sediment dynamics, Okehampton, UK, 11–15 July 2017</p> <p>A. Collins, M. Stone, A. Horowitz, and I. Foster</p>

The logistics of Copernicus producing the volume of PIAHS for the ICWRS symposia at Bochum generally went well but several issues were raised by Andreas Schumann. The main stumbling block was the lack of pre-payment for abstracts, over half of which were either rejected or withdrawn by the authors causing a large overhead to be charged to the conference. Overall the collaboration was deemed to be successful, but we have implemented an abstract processing charge for IAHS 2017; however, this presented problems for some members in disadvantaged countries which we have since resolved. The Water Resources Assessment and Seasonal Prediction conference and ICCE conference organisers/participants dealt with Copernicus directly for vols. 374 and 375.

Whilst no further print copies of Red Books are to be produced, publications continue to be promoted and sold through IAHS Ltd. The pdfs of the papers are being added to the IAHS website.

Table 4 IAHS Conferences with possible publications.

Date	Location	Publication
15 June 2016	Kovacs, UNESCO, Paris	PIAHS 376
10 – 14 July 2017	IAHS 2017 Port Elizabeth, SA	PIAHS 377 & 378
21-22 September 2017	STAHY Warsaw, Poland	
13-15 June 2018	8th IWRM Conference Beijing, China	

BOOK SALES and INCOME

As anticipated, book sales income in 2016 was down on previous years and has continued to decline.

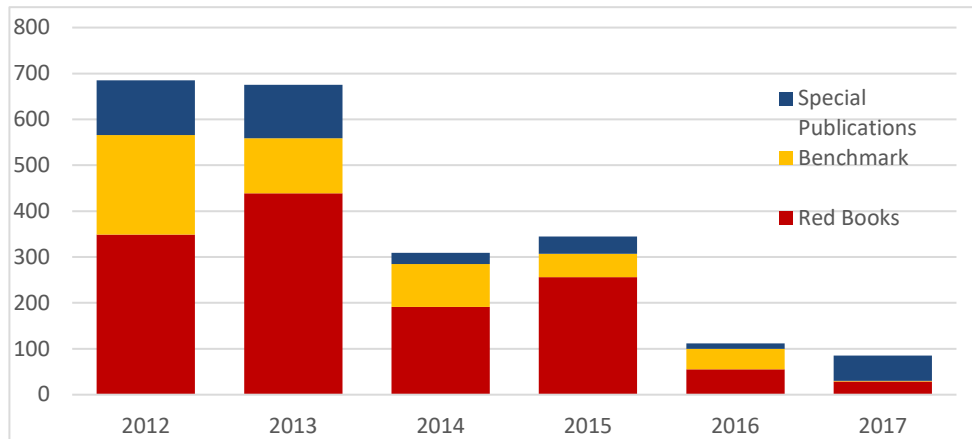


Figure 2 Number of books sold directly (i.e. excluding participant copy and standing order sales).

Income from book sales from the UK in 2016 was approximately £2500 and to the end of May 2017 is £2100.

Book Sales in North America

Dollar-priced IAHS publications are available at Amazon.com, Baker & Taylor and Barnes & Noble. Until the end of 2016 the IAHS Treasurer, Charles Onstad, handled the associated dollar payments and receipts on behalf of IAHS Ltd (IAHS Inc. had US bank accounts and was IRS registered in the USA). The contract for warehousing and distribution with Publishers Storage and Shipping Corporation (PSSC, Fitchburg, Massachusetts) has continued through the year, unchanged. However, at the end of December IAHS Inc. was wound up and the US bank accounts closed. All book sales are now handled through the IAHS Ltd office in Wallingford (which is now registered with the IRS) with the continued support of PSSC for storage and invoicing. The North American sales figures are similar to those directly from the UK office (£3500 in 2016 and £900 in 2017), but the overheads are considerably higher for these sales.

GENERAL MARKETING AND PROMOTION OF IAHS

Flyers and catalogues along with sample books were provided for display at the Kovacs meeting in Paris, June 2016. IAHS staff were available throughout the Kovacs meeting to take book orders and promote the Association

The IAHS website provides an online bookshop for the publications with payment through PayPal.

SUPPORT TO IAHS

Website

Website content has been provided by CL in collaboration with the Secretary General (CC). The eNews and calendar continue to be regularly updated. The Commissions area has been extended to enable all Commissions and Working parties access to their own pages to improve continuity of data. The Panta Rhei Working Group second Biennium page is now being managed by Hilary McMillan. The MOXXI pages are also now functional and managed by Flavia Tauro.

The IAHS social media links are being used to promote the newly uploaded Red Books, and the open and free access papers on *HSJ*.

The website will soon undergo an update to be responsive to the platform on which it is displayed and possibly to include the new IUGG-IAHS logo dependent on a bureau decision.

The updating of pdfs of all papers rather just abstracts continues and with the 100 year anniversary of IAHS approaching we are investigating the transfer of older image pdf files to searchable text pdfs.

Membership

There were 7500 members at the end of June 2017, of which 39.7% were in financially-disadvantaged countries. Our database does include several hundred inactive members where the email addresses are invalid. Moving to a paying membership should ensure that members are more engaged and likely to inform us of any email changes. Installing a paid membership system will require work on the website interface once IAHS agree new statutes and a relevant pricing structure. Note that UK and European data protection legislation is complied with in managing the membership database but we need to strengthen our policy this year due to new UK legislation.

Figure 3a shows the breakdown of membership per country for members joining since January 2016 and Figure 3b shows the breakdown for the whole membership where the number in the country >40. Figure 4 shows the global coverage of the total IAHS membership with darker colour showing a larger number of members.

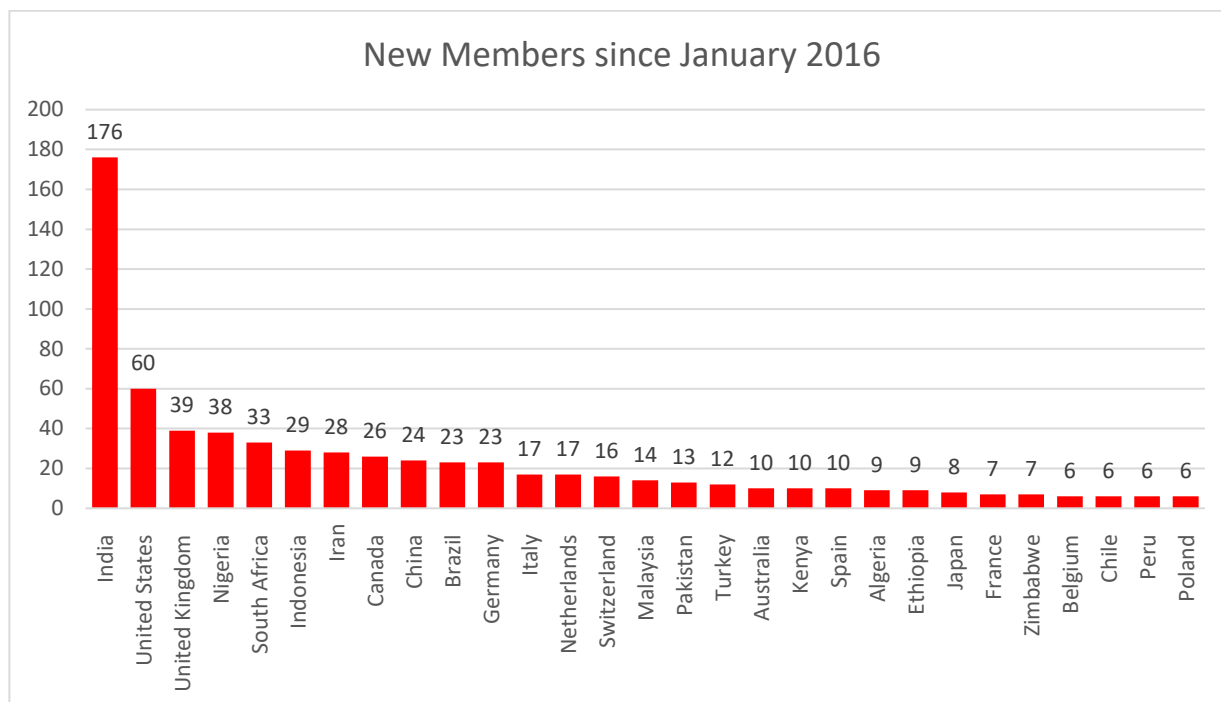


Figure 3a Number of new membership requests by country for the top 30.

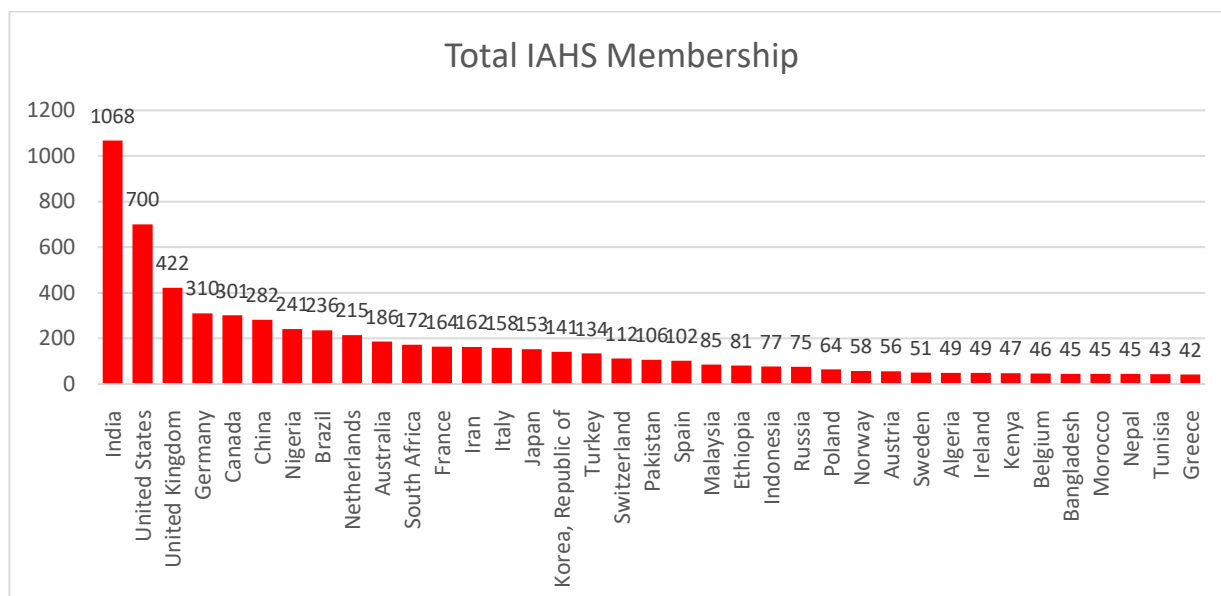


Figure 3b Total IAHS membership for countries with >40 members.

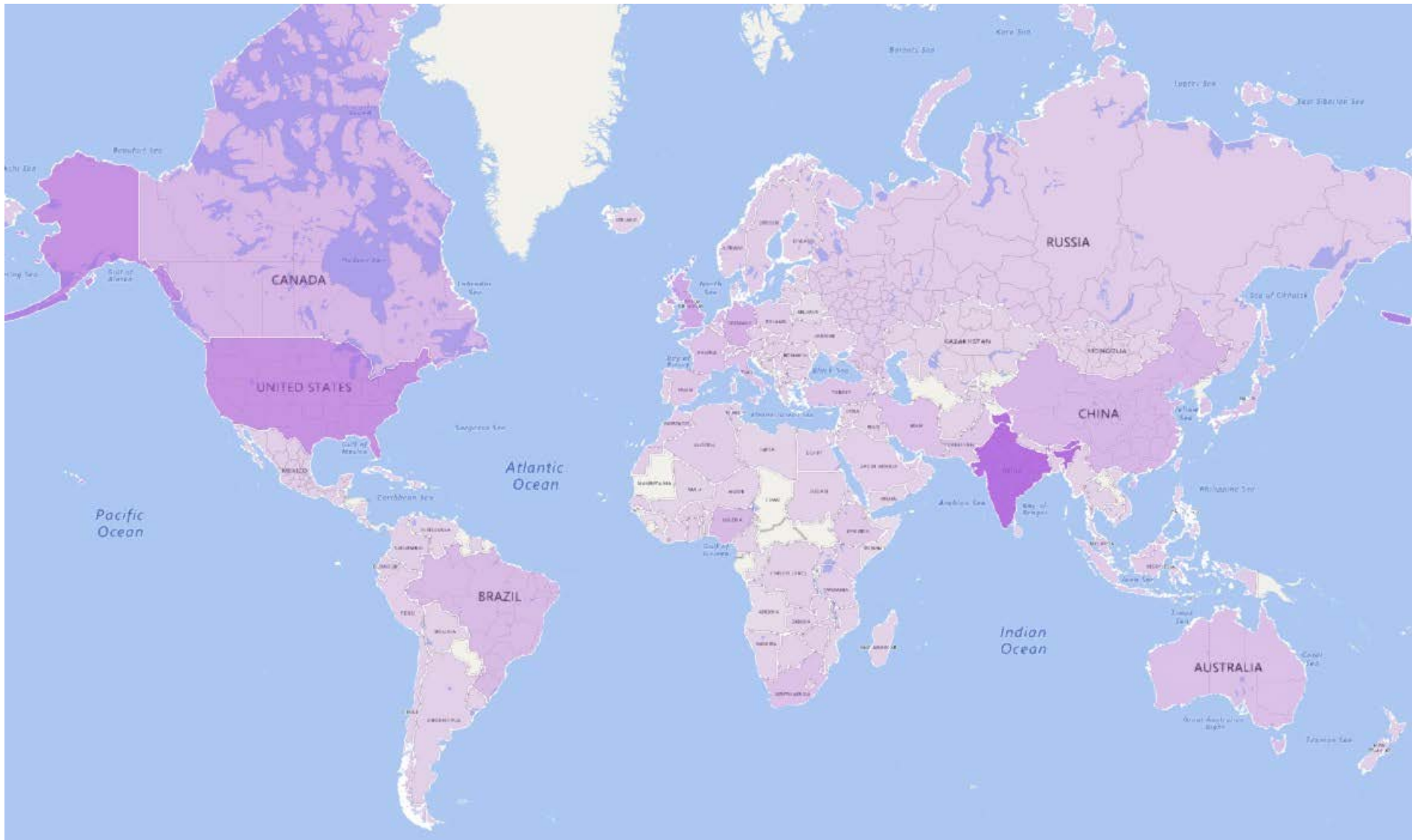


Figure 4 Total IAHS membership.



Benefits to IAHS Members

All IAHS Members in financially disadvantaged countries can get free access to *HSJ* and up to 80% discount on book prices by logging in to the Member Area of the IAHS website. There is a special *HSJ* subscription price for other members who also receive 25% discount on book prices. Fifty libraries (TFDC addresses) in developing countries have full online-plus-print subscriptions to *HSJ* free of charge. T&F are participants in the OARE initiative, which means that many more libraries in developing countries may access *HSJ* online free of charge.

T&F provided monies to support the annual Tison Award and to host the *HSJ* Editorial Retreat, which in 2017 is held over two days preceding the IAHS2017 Scientific Assembly.

Grants have been awarded by the Secretary-General (CC) to fund the registration and travel of persons from financially disadvantaged countries to the Scientific Assembly, and also to WaterNet to assist young staff/students attending IAHS2017.

FINANCE

The consolidation of all IAHS Association accounts in to the IAHS Ltd accounts is detailed in the report by the IAHS Treasurer.

Annual accounts have been provided to Wenn Townsend, the IAHS Ltd accountants, for preparation of final reports to the Charities Commission and Companies House. Royalties from *HSJ* grew due to the size increase of the journal in 2016, but book sale income has continued to decline.

For the future, IAHS Ltd will have sufficient funds, earned as royalties from publishing *HSJ*, for staffing to run the office, look after the membership, support the Secretary General, and provide the necessary editorial support for the Editors, Associate Editors and authors of *HSJ*. We are committed to providing grants to hydrologists in financially disadvantaged countries as identified by the Secretary-General.

OUTLOOK

All IAHS proceedings volumes will continue to be produced by Copernicus as online open-access. Our publishing activities will therefore focus on *HSJ*.

Staff illness in 2016 has meant a greater reliance on Taylor & Francis and we will address this with the new appointment of *HSJ* Editorial Assistant, starting in August 2017.

June 2017