

**MINUTES OF THE SOUTHERN AFRICAN SOCIETY OF AQUATIC SCIENTISTS
48th ANNUAL GENERAL MEETING**

HELD on the 28th of June 2011 @ 18h00, Conference venue, Ithala Game Reserve, South Africa

1 WELCOME AND OPENING

Janine Adams, who chaired the meeting in the absence of Jan Roos, welcomed the members present and thanked the conference organizing team for organizing the conference.

2 ATTENDANCE AND APOLOGIES

Attending: Members: Janine Adams (in the chair), Wynand Vlok Victor Wepener, Nico Smit, Mike Coke, Gerhard Diedericks, Digby Cyrus, Melusi Thwala, Richard Greenfield, Wynand Malherbe, Gerhard Cilliers, Olaf Weyl, Mdu Mzimela, Denise Schael-Gama, Phumelele Gama, Siyabonga Buthelezi, Darragh Woodford, Bruce Ellender, Pierre de Villiers, Mandy Uys Lucienne Human, Jongundu Dawids, Gavin Snow, Monique Nunes, Liesl van As, Jo van As, Deidre West, Josef Moller, Warren Aken, Brain Marshall, Dennis Tweddle, Bonani Madikizela, Mark Graham, Nick Rivers-Moore, Helen Dallas, Ben van der Waal, Gordon O' Brien, Marie Watson Marlise Theunissen, Paul Fouché

Non-members: Nancy Rayner, Pete Ramollo, Noma Nota, Sbu Majola, PC Moloi, Nomfundo Mhlambi, Thabo Mohlala, Hennie Louw, Russell Tate, Petrus Venter, Kyle McHugh, Charon Farquharson, Ina Ferreira,

Apologies: Mike Silberbauer, Jan Roos, Brian Allanson, Chris Dickens, Hendrik Jerling, Leon Viviers

3 ADDITIONS TO THE AGENDA

No new matters were added to the agenda

4 MINUTES OF THE PREVIOUS AGENDA

The minutes of the 47th Annual General meeting was accepted as a true reflection of the proceedings. Proposed by Olaf Weyl and seconded by Wynand Vlok

5 MATTERS ARISING FROM THE MINUTES OF THE 45TH AGM

None.

6 PRESIDENT'S REPORT

The president's report for the period 2010/11 was presented to the meeting by Wynand Vlok.

"First, my apologies for not be able to attend this Conference due to circumstances beyond my control. However, it was with great confidence that I have transferred my duties into the very capable hands of our Vice-President, Prof. Janine Adams – Thank you Janine.

Conference – Ithala Game Reserve, KZN, 2011:

A special word of thank to Prof Nico Smit (The School of Environmental Sciences and Development, North-West University) as well as Prof. Victor Wepener (Centre for Aquatic Research, University of Johannesburg) as scientific committee chair, for organising this 48th Conference with the central theme "Sustainable utilisation of southern African aquatic resources". Special sessions, for example, estuaries, inland fisheries, ecotoxicology and workshops were incorporated into the conference that finally leads to 101 delegates with 67 talks and 27 posters! We all congratulate the organizing committee for a job well done. The persons who supported them are also acknowledged: Gordon O'Brien – Conference Program and Abstract Book (NWU) and Petrie Vogel – Registration and Administration (SAVETCON).

As you are probably aware, Dr. Olaf Weyl and Prof. Janine Adams will host the 2012 conference in the Eastern Cape. The theme will link to the past conference themes and will give us some focus when we discuss possible topics and research projects in future.

Finances:

The Society's finances are healthy with R100 000 in the saving account and between R80 000 ± R20 000 in the current account. The income for the Society is mainly generated through conferences. At present the income through membership fees is R50 per member since the remainder is paid to NISC for AJAS access. Expenditure (e.g. editor honorarium, life members, etc.) exceeds income. It is expected that approximately R20 000 per annum is required to break even, which is through conference income. Many thanks to Prof Nico Smit (Honorary Treasurer) for his dedication and good book keeping.

Journal – AJAS

With the advent of online manuscript submission through Taylor & Francis, and the admirable international visibility that this affords our journal, we've been receiving an increasing number of submissions from outside Africa which do not concern African species or situations. However, we generally support the inclusion of good quality non-African manuscripts that are relevant to African conditions and readers. In 2010, under Mike Coke (Honorary Editor), we published three issues of volume 35, totalling 311 pages. We've been granted a 15% size (page-count) increase for 2011, which is our first move towards producing four issues per year. The advent of online manuscript management in 2011 has put us into a 'whole new ball-game!' When the teething troubles have been ironed out, this should make our journal a more internationally attractive publishing option. We are still waiting for the impact factor for the Journal. Access to our Journal (AJAS) is arranged through Lester Isaacs of NISC. Members can contact him directly. Remember our editor new e-mail address is: [AJAS Editor \[ajas.ed@gmail.com\]\(mailto:AJAS_Editor@ajas.ed@gmail.com\)](mailto:AJAS_Editor@ajas.ed@gmail.com).

Website

The ever present Dr. Mike Silberbauer is still working to maintain the web page. For SASAqS web site updates, please E-mail information to Mike Silberbauer: SilberbauerM@dwa.gov.za. Some web site statistics for the period June 2010 to May 2011 given by Mike are: Total page loads, 5 931; average per month, 494; Unique visits, 2 015 (average per month 168); First time visits, 1 699 (Average per month, 142 and Returning visits, 316 (average of 26 per month). For those who don't know, our website can be found at: www.riv.co.za/sasaqs.

Newsletter

Paul Fouche is thanked for his effort in disseminating information to the members. A suggestion was made at the EXCO meeting that a student newsletter should be launched. This could be considered during a planned student meeting at the Ithala conference, which will be chaired by Gordon O'Brien of NWU.

Membership:

It is clear that the economic crises did affect the Society. However, on a positive note, there were from May 2010 to April 2011 – 37 online applicants and we are thankful for members who paid shortly after receiving their invoices. There were 68 members who had paid their membership fees by 22 March 2011. The free AJAS page charge has had a positive influence on new memberships. It was decided to implement a student membership fee of R50 (no access to AJAS). We should aim to attract more members, including southern African members, and encourage members to expand our membership to approximately 150. I want to thank all Society members for their continued support.

Honorary life membership – Retired SASAqS members may be nominated for life membership. It will be an honorary title with free membership without any journal privileges. This would need to be reflected in the membership of the SASAqS Constitution.

Awards:

A congratulatory letter, on behalf of the Executive Committee and the whole Society, was sent to Prof. Brian Allanson for the Naumann–Thienemann Medal awarded to him during the SIL Conference in Cape Town 2010. This award is the highest honour that can be bestowed internationally for outstanding scientific contributions to limnology and represented a great achievement both for him and the whole South African scientific community and we are proud of him.

Gold medal

Prof. Digby Cyrus was nominated for the SASAqS gold medal. A new awards committee was selected and consists of Janine Adams (chairperson), Paul Fouche, Wynand Vlok, and Steve Mitchell and EXCO tasked the committee to evaluate the nomination. Digby, on behalf of the whole Society, it is my pleasure to convey our congratulations to you with the gold medal awarded. We wish you every continued success in your specialised field of practice and thank you for your contribution to the Society's image and functioning.

SACNASP:

Aquatic Sciences is now a recognized registration for a Professional Natural Scientist. CPD points are planned for future registration as a PNS and SASAqS can play a role in this regard. Professional indemnity insurance through SASAqS is something that can be provided in future. Victor is to put this to the membership during the 2011 AGM.

Constitution revisions

Several changes were proposed during our EXCO meeting (March 2011) to streamline the Constitution. It was reiterated that country representatives should be retained. Nico Smit will provide a list of members in neighbouring countries who would be contacted as potential representatives. All other changes to the constitution were noted by Wynand Vlok and would be tabled at the AGM at Ithala.

Condolences:

A message of condolences was sent to Barbara Owen – we are truly saddened by Rodney's death. Rodney was more than a friend, he was an amazing person. He was always so kind and considerate to us that we always welcomed seeing him at our conferences. His passing will not only leave a void in our Society, but in the hearts of everyone who knew him.

Election of Council members

The new Council members should be elected before the 2013 AGM when the current Exco's term ends.

In conclusion, I want to thank the EXCO committee for inputs during the year and also thank everyone for their continued support. May our Society continue to draw aquatic scientists from all over southern Africa together, share knowledge, and prosper in the coming years!"

Kind regards



Jan Roos

7 TREASURER'S REPORT

The report below was delivered by the treasurer, Nico Smit:

SASAqS Financial report 2011

The finances of SASAqS have been stable over the past 2½ years with the total balances of the money market and current accounts fluctuating around the R250 000 mark (See table 1). The main reason for this is the profits that were made by the 2009 and 2010 conferences as this is currently the main source of income for the society. Contrary to popular belief the membership fees are not at all a significant source of income as more than 84% of the fee (R305 of R360) goes to NISC for the subscription to our journal (see Table 2). In addition to normal full membership this year has seen the introduction of student membership. For 2011 student membership is R50 p.a. but excludes access to the journal and the waiver of page fees when publishing in AJAS. We also earn on average interest of 5% p.a. on our current and money market accounts. The main expenses of the society at this stage are the editorial costs, which are approximately R20 000 per year (honorarium fixed at R1500p.m. and editorial expenses fluctuating around R2000 per year).

An important membership benefit that had changed since last year (2010) is that the waiver of page fees when publishing in AJAS is only applicable when the first author is a member of SASAqS and not the “non-first” corresponding author.

Membership numbers are slowly but surely increasing. Since we have been following the strategy that a lapse of two years in payment of membership fees results in cancellation of membership completely, we have been able to get rid of a lot of dead wood. That means that only paid up members or those that paid during the previous year will be invoiced in the new year. Fully paid up members at the date of the meeting were 82 which include 19 new members. In addition we already have 21 fully paid up student members (see Table 3).

In conclusion, although we are not a “rich” society our finances look good and stable as do our membership numbers, with a slight upwards trend in both.

Table 1: Comparative balances of the SASAqS Money market (MM) & Current Account (CA) for 2009-2011.

Account	1 Jan 2009	1 Jan 2010	1 Jan 2011	28 June 2011
MM	152482.07	163262.46	170855.13	174376.18
CA	82710.47	97400.60	99915.43	97276.29
Total	235192.54	260663.06	270770.56	271652.47

Table 2: SASAqS membership fees structure for 2011.

	Full member	Student member
Fee	R360	R50
Journal	R305	108
SASAqS	R55	R50
	±110	±35
	R6050	1750
Interest (5%!)	R6600	
Total potential income	R14400	

Table 3: SASAqS membership numbers for 2009-2011 (student members only from 2011).

Full Members	31 Dec 2009	31 Dec 2010	28 June 2011
Invoiced	187	132	127
Paid up	102	108	82
New	8	11	19

Student Members	28 June 2011
Invoiced	27
Paid up	21

In reply to the financial report Digby Cyrus, supported by Mark Graham, suggested that the current fixed deposit should be shifted to FNB as this would be more profitable for the society. The treasurer undertook to investigate the matter.

In addition to the formal report the Honorary Treasurer, Nico Smit, presented a proposal from Exco proposing that a student SASAqS bursary, that will assist students in attending international conferences, be instituted as from next year (2012). The bursary will be for registered students who are paid up members of the society. The money for the bursary will come from the interest on the fixed deposit. In addition he proposed that the page fees for student publications that result from presentations at SASAqS conferences are paid Both proposals were supported and accepted by the meeting.

8 EDITOR'S REPORT

The editor of AJAS, Mike Coke presented the report.

SASAqS EDITOR'S REPORT : June 2011

In 2010 AJAS again published over 300 pages, which we have now done for four out of the past five years. Thanks to the good flow of manuscript approvals, we just managed to keep our nose above water by having one or two more 'accepted' manuscripts on hand at handover time than could be contained in a single issue of the journal. Because of this situation, we have been granted a 15% increase in pages for 2011.

Impact factor

During the course of our annual conference NISC announced the exciting news that our first impact factor was an impressive **0.479**. This is a very good start. Our factor exceeds that of established journals such as Ostrich (0.338), Onderstepoort J. Vet. (0.302) and Afr. J. Range & Forest Sci. (0.262). But we're a long way behind Water SA (0.663) and Afr. J. Marine Sci. (1.229).

Whilst having an Impact Factor will undoubtedly bring more and better manuscripts to our door in future, our objective now must be to publish better work and to get more of our articles cited, both in AJAS and in other journals.

Editorial Board

Our 14 Editorial Board members have played a crucial role in getting manuscripts that come in approved and then published. In recent weeks two more people, Tris Wooldridge and Eliot Taylor, have joined their ranks. We welcome them most warmly.

The NISC team have again worked wonders by converting accepted manuscripts into handsome published layouts. Besides this, they and Taylor and Francis have worked hard at publicising our journal world-wide. We are most grateful to them all.

Manuscripts

The number of manuscripts received per year *dropped* from 95 in 2009 to 77 in 2010. At the same time the number of manuscripts rejected rose from 34 to 44 (Table 1). Interestingly, more than half (42) of the submissions came from African countries *outside* South Africa. Fifteen came from Nigeria, 17 from overseas countries and 17 from South Africa. Clearly, at present AJAS is more popular outside South Africa than it is at home !

Table 1. Analysis of AJAS from 2001 to 2010

Year	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
No. of MSS received	30	31	47	57	73	62	61	86	95	77
No. of MSS rejected or withdrawn	2	11	21	22	42	37	33	49	34	44
Volume Number	26	27	28	29	30	31	32	33	34	35
Total No. of pages	147	174	195	291	221	328	317	289	304	311
Total No. of papers	19	20	23	32	28	34	39	38	33	35
Total No. of book reviews	1	7	3	8	9	5	4	1	4	2
Authorship										
SASAqS members	13	10	8	8	9	7	13	9	15	17
Non-members	6	6	13	24	19	24	26	29	18	18
Number of items published per region										
South Africa	16	17	10	14	11	20	13	17	13	18
Southern Africa	2	1	7	9	6	4	9	4	9	5
Africa	0	2	6	9	10	10	16	16	11	12
Overseas	1	0	0	0	1	0	1	1	0	0
TOTAL	19	20	23	32	28	34	39	38	33	35

Invited papers

Whilst it is said that publishing review papers by prominent scientists is the best way to attract citations, and thereby to improve a journal's Impact Factor, we have not found it easy to attract that sort of submission. Notably, it has been the new graduates and young scientists who have predominated in AJAS, although they were sometimes supported by 'bigger' names as co-authors. Therefore our good initial impact factor is all the more impressive.

At our 2009 conference it was proposed that we invite a number of leading South African scientists to write subject review papers for AJAS. This I did, eventually pinning down nine suitably prominent potential authors. Now, two years later, we have published only *one* such paper: Alan Whitfield's review of estuarine fish research in South Africa (AJAS 35(3) [2010]). Two other manuscripts have been received, but both are still under revision. For various reasons, six other authors have not yet written the manuscripts they promised us. Be that as it may, we need to attract more submissions from prominent scientists.

Plagiarism and self-plagiarism

The problem of plagiarism has recently reared its head. NISC and T&F conduct authenticity checks on all MSS sent to them as 'accepted for publication', and they turned up three cases of plagiarism and self-plagiarism. A fourth case was recently exposed by an astute Associate Editor who used Google to locate identical sentences in existing publications. Altogether, one Egyptian, one Tunisian and two Nigerian manuscripts were rejected on grounds of plagiarism.

Whilst waiting for AJAS to publish his manuscript, one Nigerian author published almost his entire text in a Turkish journal. Another Nigerian author submitted a manuscript, on which we worked for fifteen months, eventually bringing it to acceptance. Only then did we discover that the error-riddled draft version had already been published online by the New York Science Journal, which is operated by a Chinese person.

Online manuscript management

The big change from e-mail to online manuscript management took place on 1 January 2011, and I offer the following preliminary assessment of it.

In the first half-year of its life the new online system has seen 50 new manuscripts submitted, so we may already be seeing an increase in the number of submissions per year. Some manuscripts arrived because of the improved visibility afforded to AJAS by Taylor & Francis, our new co-publishers. We have received papers from as far afield as China, Korea, Malaysia, India, Pakistan, Turkey, Iran, Jordan, Saudi Arabia, Denmark, USA and Mexico. Interesting as that may be, many of the non-African papers were rejected because their subject matter was not suited to our journal. Some were also couched in very 'unusual' English, although this is a more widespread problem.

Whereas one of NISC's journals using the online system got its first issue out in six weeks, it has taken us six months just to get our first 'online' paper, submitted three months ago, to acceptance, let alone published.

Journal subscriptions

AJAS has grown by only *one* subscription over the past year (Table 2).

Table 2: AJAS subscription statistics : 2002-2010 (data from NISC)

	2002	2003	2004	2005	2006	2007	2008	2009	2010
SA SASAqS Soc.	181	153	123	146	122	127	95	95	92
African SASAqS Soc.	23	19	8	1	7	8	3	2	8
International SASAqS	9	7	5	7	5	7	7	4	2
['SASAqS' subtotal]	[213]	[179]	[136]	[154]	[134]	[142]	[105]	[101]	[102]
SA Institution	13	15	13	13	12	14	14	14	16
African Institution	4	3	3	3	3	6	3	3	2
Internat ^{nl} institution	15	18	18	16	21	12	8	12	9
SA Individual								2	3
African Individual							1	1	2
['Other' Subtotal]	[32]	[36]	[34]	[32]	[35]	[32]	[26]	[32]	[32]
TOTAL	245	214	170	186	170	174	131	133	134

Journal usage

All papers published in AJAS, and its predecessors, right back to JLSSA 1(1) [1975], have now been digitized and are available online to subscribers. The following data on downloads were supplied by NISC, who publicise our journal via Informaworld and EBSCOhost. Congratulations to the two groups of 'Top Ten Authors'.

Numbers of full-text downloads in 2010:

via Informaworld: 2690 downloads

via EBSCOhost: 1744 downloads

Top ten articles downloaded via InformaWorld in 2010

Author	Article	Total
J O'Keeffe (2004)	Book Review: Measuring Biological Diversity. By A Magurran	394
H van der Bank; M Wink; M Soekoe; N Smit (2009)	Does <i>Serranochromis altus</i> (Teleostei: Cichlidae) exist in the Okavango Delta, Botswana ?	38
GE Otiang'a-Owiti; IA Oswe (2007)	Human impact on lake ecosystems: the case of Lake Naivasha, Kenya	35
NA Rivers-Moore; PS Goodman (2010)	River and wetland classifications for freshwater conservation planning in KwaZulu-Natal, South Africa	27
TK Gyedu-Ababio; F van Wyk (2004)	Effects of human activities on the Waterval River, Vaal River catchment, South Africa	24
AS Diab; SM Aly; G John; Y Abde-Hadi; MF Mohammed (2008)	Effect of garlic, black seed and Biogen as immunostimulants on the growth and survival of Nile tilapia, <i>Oreochromis niloticus</i>	24
FO Masese; M Muchiri; PO Raburu (2009)	Macroinvertebrate assemblages as biological indicators of water quality in the Moiben River, Kenya	21
CWS Dickens; PM Graham (2002)	The South African Scoring System (SASS) Version 5 Rapid Bioassessment Method for Rivers	19
AA Ansari; FA Khan (2008)	Remediation of eutrophic water using <i>Lemna minor</i> in a controlled environment	19
P Goodman; C Breen (2004)	Book Review: The Kruger Experience: Ecology and Management of Savannah Heterogeneity	18

Top ten articles downloaded via EBSCOhost in 2010

Author	Article	Total
PSO Fouche; W Vlok (2010)	Water quality impacts on instream biota of the Shingwedzi River, South Africa.	97
MR Vinson; EC Dinger; J Kotynek and M Dethier (2008)	Effects of oil pollution on aquatic macroinvertebrate assemblages in Gabon wetlands.	81
NA Rivers-Moore; PS Goodman (2010)	River and wetland classifications for freshwater conservation planning in KwaZulu-Natal, South Africa.	81
AA Ansari; FA Khan (2008)	Remediation of eutrophic water using <i>Lemna minor</i> in a controlled environment.	68
M Bahgat; A Dewedar; HM Shafik; EE Shabana (2010)	Biodiversity and extracellular enzymatic activity of heterotrophic bacterial communities in Bardawil Lagoon, Egypt.	65
JF Machiwa (2010)	Nature of suspended particulate matter and concentrations of heavy metals in sediment in the southern part of Lake Victoria, East Africa.	63
WJ van Aardt (2010)	Quantitative aspects of oxygen and carbon dioxide exchange through the lungs in <i>Ocypode ceratophthalmus</i> (Crustacea: Decapoda) during rest and exercise in water and air.	59
JL Minshull (2010)	What is the significance of Upper Zambezi fish in the Batoka Gorge below Victoria Falls?	59
ML Mokae; JHJ van Vuren; GM Pieterse (2010)	Exfoliative liver cytology in <i>Oreochromis mossambicus</i> as a bio-assessment tool for aquatic pollution.	49
FO Masese; M Muchiri; PO Raburu (2009)	Macroinvertebrate assemblages as biological indicators of water quality in the Moiben River, Kenya.	46

Mike Coke
 Editor, African journal of Aquatic Science
 28 June 2011

9 WEB MASTERS REPORT

The content of the webmaster's report formed part of the president's report and a copy of his data is attached to the minutes.

Wynand Vlok's proposal that Mike be thanked for the work that was done by him was supported by the meeting.

10 COUNTRY REPRESENTATIVE REPORTS.

Although no progress could be reported with regard to this aspect there was general consensus that the country representatives should remain a standing point on the agenda.

11 CONFERENCES

2011 Conference

The organizing team and in particular Nico Smit and Gordon O'Brien was thanked for a well organized conference.

2012 Conference

Olaf Weyl and Janine Adams confirmed that they would be co-hosting the 2012 conference. Mpekweni resort was mentioned as a possible. The date and theme will be confirmed and communicated to the members.

2013 Conference

It was suggested that the 2013 conference be held in the Western Cape and Pierre de Villiers agreed to investigate the matter.

12 AWARDS

The chairperson's proposal that the call for awards, and in particular for the bronze medal, should go out early in the year was accepted by the meeting. It was agreed that the by-laws that pertained to the awards should accompany the call. The treasurer was requested to investigate and attend to the situation with regard to availability of medals and will report back to EXCOM.

13 HONORARIA

No changes were made to any honoraria and the *status quo* will be maintained.

14 BY-LAWS

No discussion but the matter remains a standing point on the agenda.

15 CONSTITUTION

The chairperson reported that the constitution was revised by EXCOM at a meeting in March 2011. The revised format was presented by Wynand Vlok and the revisions were accepted by the meeting. It was decided that the revised constitution will be forwarded to all the members.

16 REPORTBACK FROM THE STUDENT MEETING

The newly elected chairperson of the student committee, Kyle McHugh (NWU) reported back on the student meeting held on the 27th of June.

The formation of a junior SASAqS committee as reported by Kyle McHugh

During a meeting held during the conference a SASAqS junior committee was formed. It was formed with the idea of creating opportunities for young upcoming students to be involved in the water sector of Southern Africa. The SASAqS committee identified that as a learned society they required more members to actively take part in the society, and there is no better place than to start than to encourage and motivate the new young and potential scientists from a university level.

The principal idea of the SASAqS junior committee is to communicate ideas and potential opportunities between like-minded students through the power of social networking sites such as Facebook. The idea is to have one single chair to report the ideas of the junior committee to the SASAqS committee and to have representatives at each university who can report ideas and opportunities at their institution. Kyle McHugh from North West University was voted in as junior chair as well as delegates who will represent the following universities: Rhodes University, University of Johannesburg, University of Kwa-Zulu Natal, University of the Free State, Nelson Mandela Metropolitan University, University of Cape Town, University of Limpopo, University of Zululand and University of Namibia.

It is important to have the correct facts and as scientists we have the responsibility to deliver the correct facts, therefore this has created a platform where junior scientists can have a say and deliver their facts with the backing of a society with a solid foundation in the water sector of southern Africa

17 GENERAL

No matters were discussed.

18 DATE OF THE NEXT MEETING

To be held at the 2012 conference.

19 CLOSING

The meeting closed at 19h00.

Signed

PSO Fouché
Hon Secretary

Date

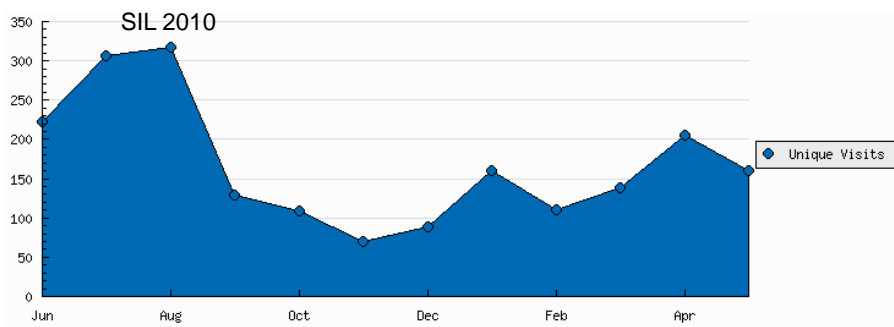
Accepted

Vice -President (J Adams)

Date

Appendix (Data for Webmaster's report)

SASAqS web site activity from June 2010 to May 2011



A quiet backwater of the Internet, with a couple of visitors per day and a surge of interest in South African inland waters during SIL 2010.

SASAqS web site monthly statistics

	Page Loads	Unique Visits	First Time Visits	Returning Visits
Total	5,931	2,015	1,699	316
Average	494	168	142	26

Month	Page Loads	Unique Visits	First Time Visits	Returning Visits
May 2011	534	160	117	43
Apr 2011	648	205	149	56
Mar 2011	600	139	112	27
Feb 2011	477	110	83	27
Jan 2011	421	160	134	26
Dec 2010	292	88	80	8
Nov 2010	379	70	60	10
Oct 2010	242	109	97	12
Sep 2010	339	129	103	26
Aug 2010	673	317	278	39
Jul 2010	701	306	286	20
Jun 2010	625	222	200	22

SASAqS web site online registrations

May 2010 to April 2011 – 37 online applicants

In May 2011 SASAqS reverted to a form-completion method, so the registration statistics no longer go to the webmaster.

SASAqS web site updates

Please E-mail information to Mike Silberbauer:

SilberbauerM@dwa.gov.za

or

Michael.Silberbauer@gmail.com