Final SAHRIS Strategic Meeting & Project Closure The South African Heritage Resources Information System (SAHRIS)



Nicholas Wiltshire, SAHRIS Project Manager Katie Smuts, National Inventory Manager 29 November 2013



AGENDA

09:00 - 10:30

- 1. Overview of the SAHRIS development project 2012-2013
- Account of the development against the requirements outlined in the terms of reference
- Achievements & Landmarks
- 2. Analysis & Performance Reports
- Google Analytics 2012-2013
- The PHRAs vs SAHRA
- SAHRA Units
- Selected Individuals

10:30 - 10:45 TEA BREAK

10:45 - 12:30

- 3. SAHRIS/National Inventory To Do List 2013-2014
- 4. The SAHRIS Digitisation Project and the scale of the task ahead
- 5. SAHRIS Support Plan
- 12:30 13:30 LUNCH BREAK (BRING YOUR OWN LUNCH)

13:30 - 15:00

- 5. Launch of the Mandatory Site Recording Process on SAHRIS
- 7. GRAP & The Museum Sector
- 8. International rollout of SAHRIS
- 9. Possible developments for Versions 4 and 5 of SAHRIS
- 10. SAHRIS Certificate Awards





Requirements taken from the Terms of Reference for SAHRIS in 2010

- 1. Corporate Intranet & Internet (communications medium)
- 2. Heritage Database Engine (data storage)
- 3. Search Engine
- 4. Portal and Content Manager (point of entry)
 - 4.1 SAHRIS System Administration
 - 4.2 Management of Heritage Resources
 - 4.3 Registration and management of stakeholders and NGOs
- 5. Process Management
- 6. Fee Management System *
- 7. Collaboration
- 8. Standards Converter
- 9. Geographic Information System
- 10. Web and FTP Servers
- 11. System Integration Engine
- 12. Thesauri and Data Dictionary Manager
- 13. Document Management System
- 14. System Administration

* This was the only component we decided was incorrectly conceived. A proof of payment option is on SAHRIS but not an accounts payable and receivable system.







ENTER

Terms of Reference: Quotations for Printing Annual Report Created: Monday, 11 June 2012

REQUEST FOR QUOTATIONS FOR THE PRINT PRODUCTION OF ANNUAL REPORT PUBLICATION BOOK DESIGN FOR SOUTH AFRICAN HERITAGE RESOURCES AGENCY

lick here for more details.

Terms of Reference: Review of Strategic and Annual Performance Plans

Created : Monday, 11 June 2012

APPOINTMENT OF A SUITABLY QUALIFIED SERVICE PROVIDER FOR THE REVIEW OF THE CURRENT STRATEGIC AND ANNUAL PERFORMACE PLANS:

Terms of Reference : Provision of Security

Created : Monday, 11 June 2012

APPOINTMENT OF A SUITABLY QUALIFIED SERVICE PROVIDER FOR THE PROVISION OF A SECURITY GUARD COMPANY AT THE ROGGELAND GUEST HOUSE, DALJOSAFAT FARMS IN PAARL

Terms of Reference: Provision of a Security

Created : Monday, 11 June 2012

APPOINTMENT OF A SUITABLY QUALIFIED SERVICE PROVIDER FOR PROVISION OF A SECURITY GUARD COMPANY AT THE OLD RESIDENCY IN KING WILLIAMS TOWN

Vision

To provide for the identification, conservation, protection and promotion of our heritage for the present and future generations

Mission

As custodians of our national estate our mission is:

- . To coordinate and monitor the identification of our national heritage;
- . To set a norm and standards and maintain the management of heritage resources nationally.
- . To encourage and facilitate the development of provincial structures:
- . To control export and import of nationally significant heritage resources.
- . To develop policy initiatives on the promotion and management of our heritage.
- . To nurture an holistic celebration of our history:
- . To set national policy for heritage resources management, i.e. formal protection, general protection and management.
- . To develop an integrated and interactive system for the management of the national heritage resources.

View of SAHRA's old website in June 2012







Home
About Us
Contact Us
Legislation
Permit Applications
National inventory
Searchable Databases
Heritage Management
Projects and News
Publications
Media Releases
Information Systems
Procurement
Disclaimer

INTRODUCTION

"Our heritage celebrates our achievements and contributes-to redressing past inequities. It deepens our understanding of society and encourages us to empathise with the experience of others. It facilitates healing and material and symbolic restitution and it promotes new and previously neglected research into our rich oral traditions and customs."

This quotation from the National Heritage Resources Act (NHRA) encapsulates the spirit of the South African Heritage Resources Agency, (SAHRA), which has replaced the National Monuments Council (NMC). One of the most important elements of the legislation is the opportunity it will provide for communities to participate in the identification, conservation and management of our cultural resources.

SAHRA is a statutory organisation established under the National Heritage Resources Act, No 25 of 1999, as the national administrative body responsible for the protection of South Africa's cultural heritage.

The Act follows the principle that heritage resources should be managed by the levels of government closest to the community. These local and provincial authorities will manage heritage resources as part of their planning process.

In order to develop the skills and capacities of communities, heritage resource agencies will promote education and training to encourage public involvement in the identification of heritage resources, with the recording of living heritage associated with heritage and oral history a crucial element, because much of the past is undocumented.

We present this information about SAHRA in order to create an awareness among the people of our country of their right to conserve what they consider to be valuable heritage resources, the mechanisms for doing this, and to recognise the exciting new possibilities that the Act creates for them

The object of SAHRA is to coordinate the identification and management of the national estate. The aims are to introduce an integrated system for the identification, assessment and management of the heritage resources and to enable provincial and local authorities to adopt powers to protect and manage them.

A South African Hentage Resources Survey (SAHRS) will be established to coordinate a national strategy for the identification of heritage resources.

Issues relating to heritage resources and their value will be increasingly introduced into school curricula, with universities and technikons encouraged to increase heritage management programmes.

The national estate encompasses heritage resources of cultural significance for the present community and for future generations. It may include places to which oral traditions are attached or which are associated with living heritage; historical settlements, tandscapes and natural features of cultural significance, archaeological and palaeontological sites; graves and burial grounds, including ancestral and royal graves of traditional leaders, graves of victims of conflict; and sites relating to the history of slavery in South Africa.

The national estate includes movable objects such as those recovered from the soil or waters of South Africa, objects associated with living heritage, ethnographic and decorative art; objects of scientific interest, and books, documents, photographs, film material or sound recordings.

A place or object is considered part of the national estate if it has cultural significance because of its importance in the community, or pattern of South Africa's history, its possession of rare aspects of South Africa's natural or cultural heritage, its strong or special association with a particular cultural group for social, cultural or spiritual reasons.

TYPES OF PROTECTION

The well-known 'national monument' has disappeared and other formal categories of protection under the old National Monuments Council (NMC) have been modified. A new category of 'national heritage site' exists for sites of outstanding national importance.

In terms of general protections, the scope of the NHRA is wider with more safeguards against arbitrary decision-making. The linking of aspects of the national estate to the two main environmental impact assessment systems operating in the country makes the conservation system friendlier to development. This does not mean that developers may now disturb heritage resources, but that they are able to identify and deal with areas of risk more efficiently.

The system creates a situation whereby heritage resources authorities no longer operate in a vacuum, but from a position where it is informed by the feelings of a community regarding their heritage resources.

FORMAL PROTECTIONS UNDER THE ACT

View of SAHRA's old website in June 2012



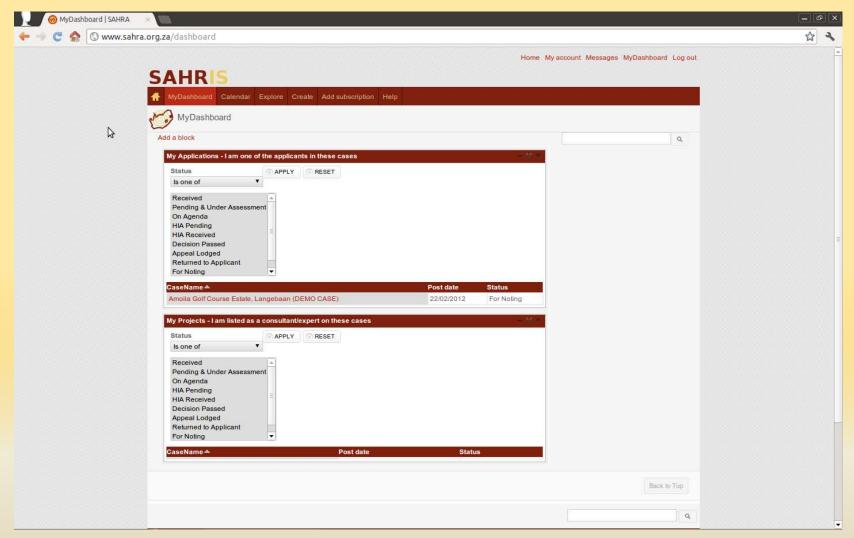




SAHRIS serves up the SAHRA website and is accessed from www.sahra.org.za



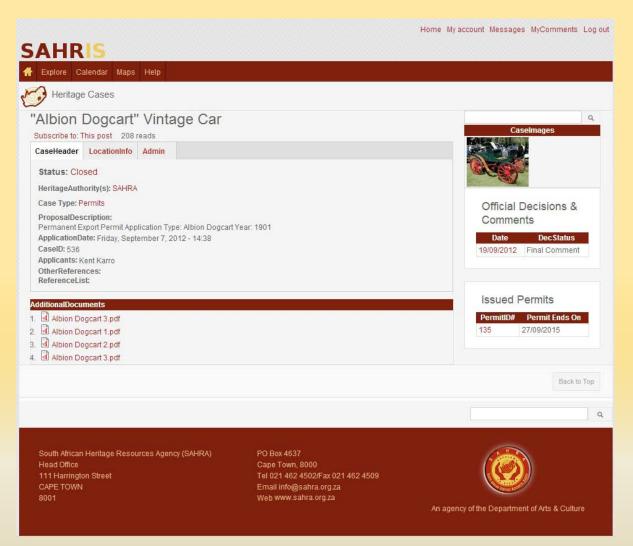




Dashboards for different kinds of users







Track and submit permit and nomination cases online

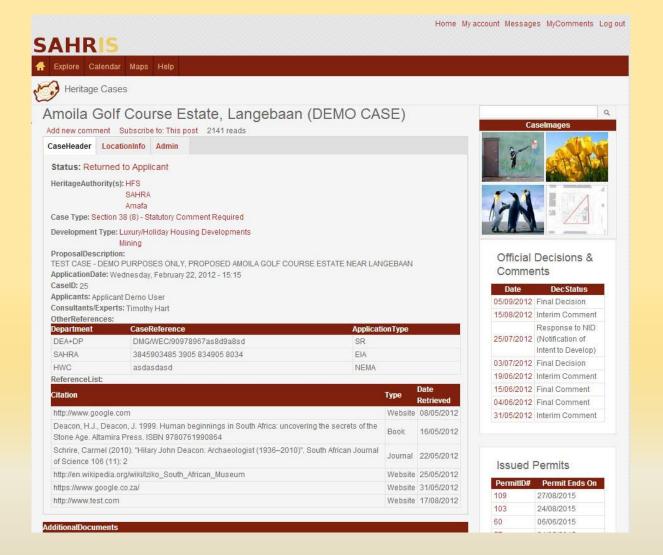






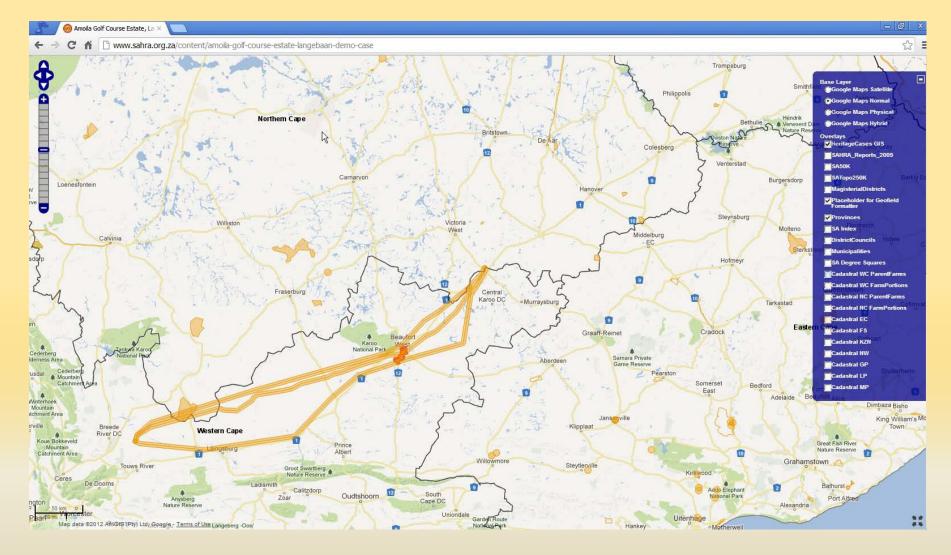
Seamless slideshow views of imagery with controlled permissions on downloading of original image through the Lightbox Module





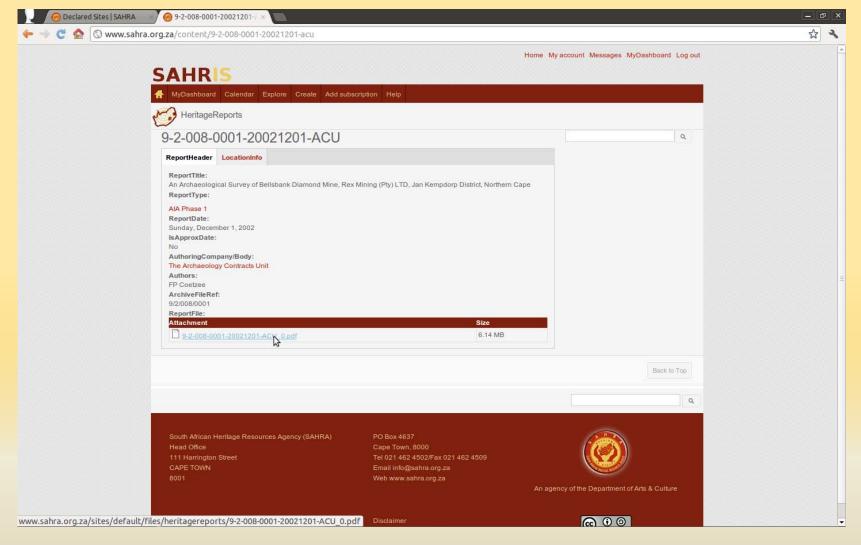
Submit heritage comments on all developments triggering NEMA, NHRA and MPRDA in South Africa





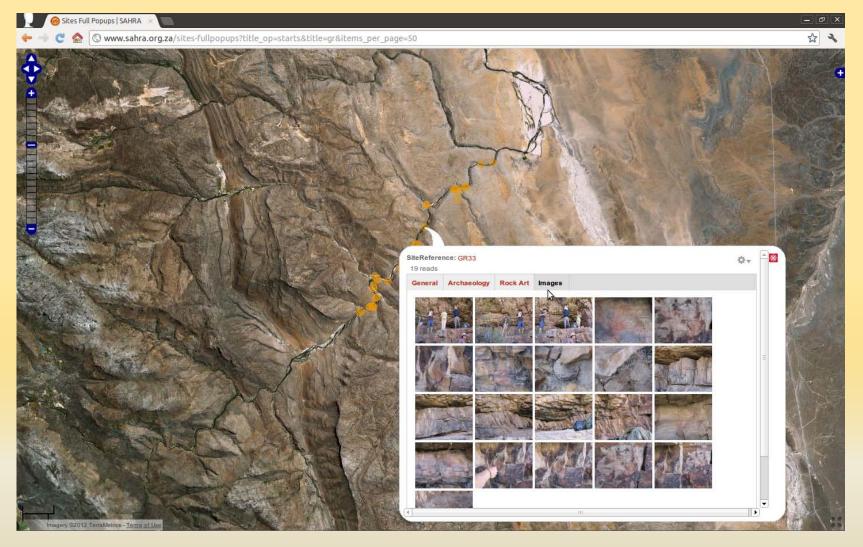
World's first system to map developments and handle the application process with full public participation





Over 5500 heritage reports dating back to the 1980s have already been mapped and scanned for download on SAHRIS

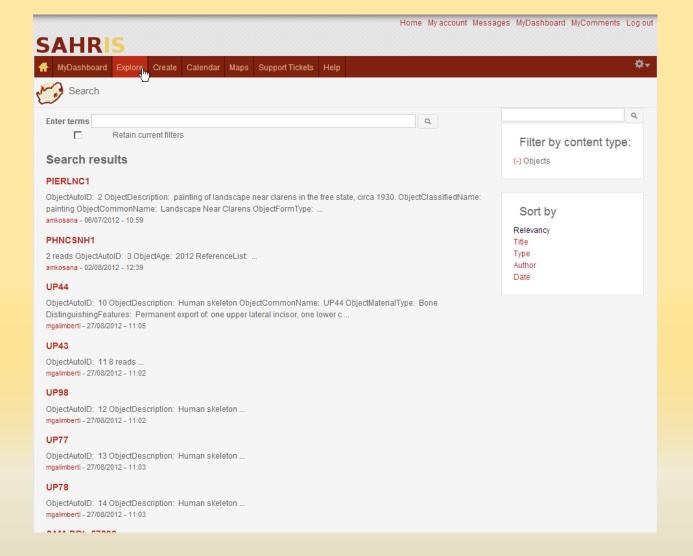




Integrates OpenLayers GIS Module and our Geoserver for serving our own maps.

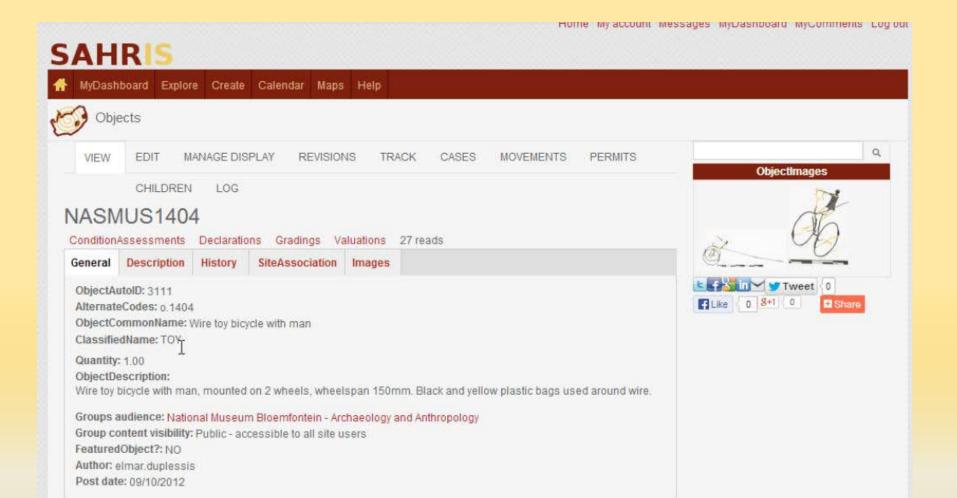
Content can be served up in a multitude of ways directly from the maps





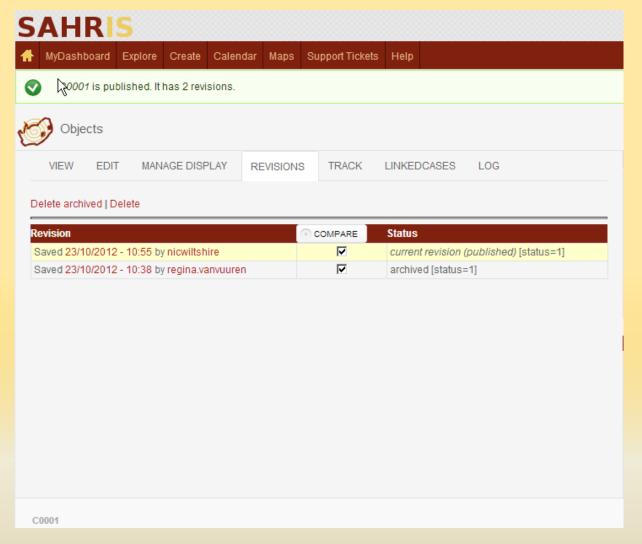
Full text search, faceted search and relevance ranking searches using Apache Solr Search Index





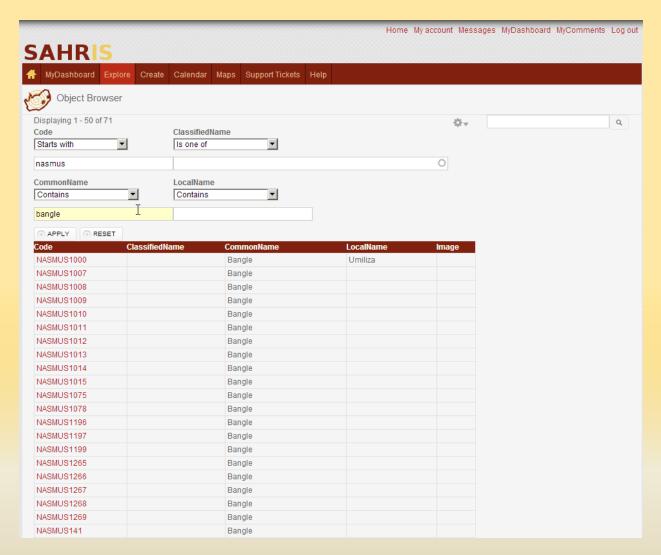
Object recording with digital content directly related to object record. Management functions available per node





Object revision history with track changes similar to Wikipedia. Can check revision history in Activity log per staff member for performance reports

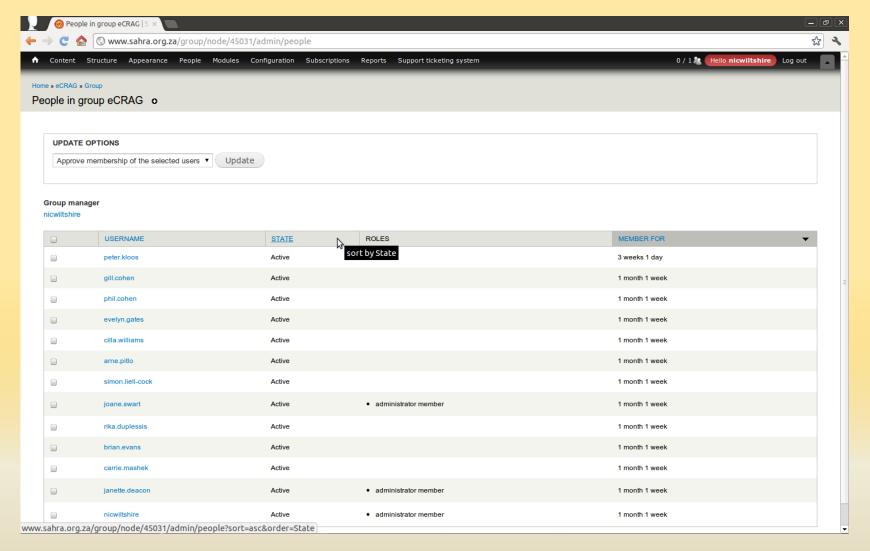




Query objects by exposed filters and exposed operators



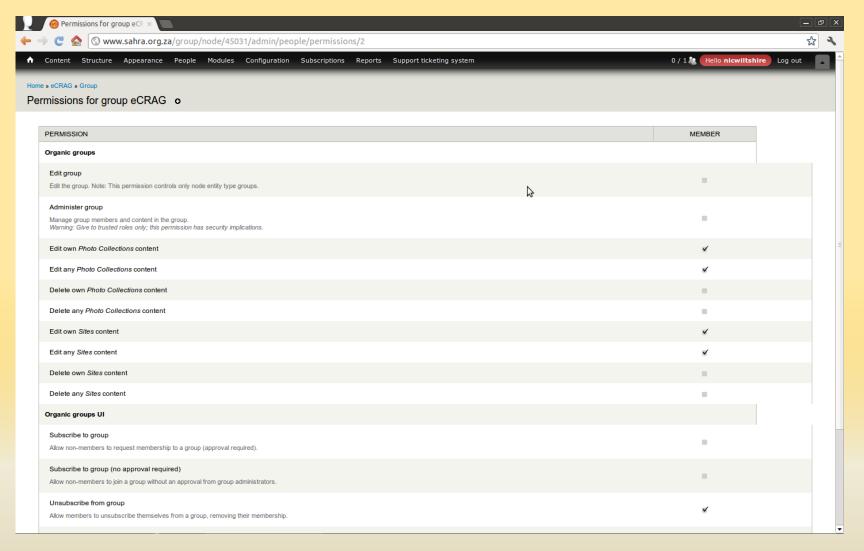




View of members of an Organic Group and their roles



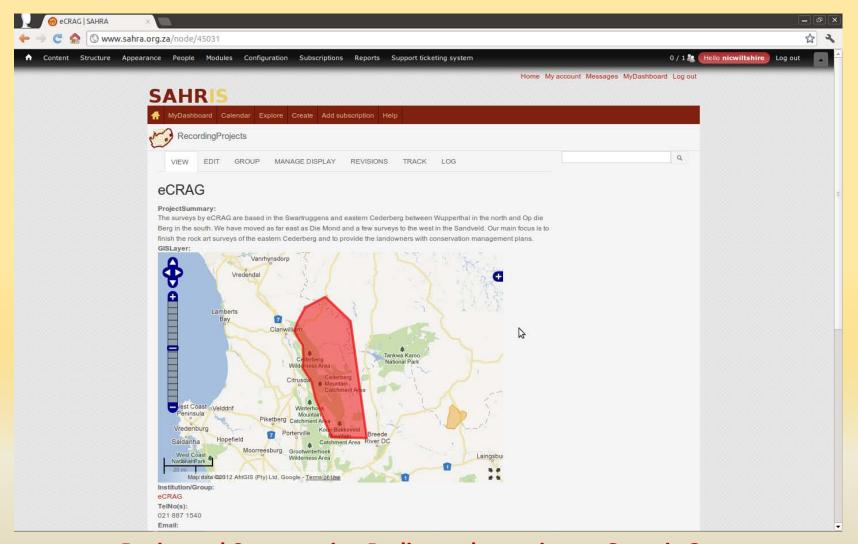




Permissions within an Organic Group



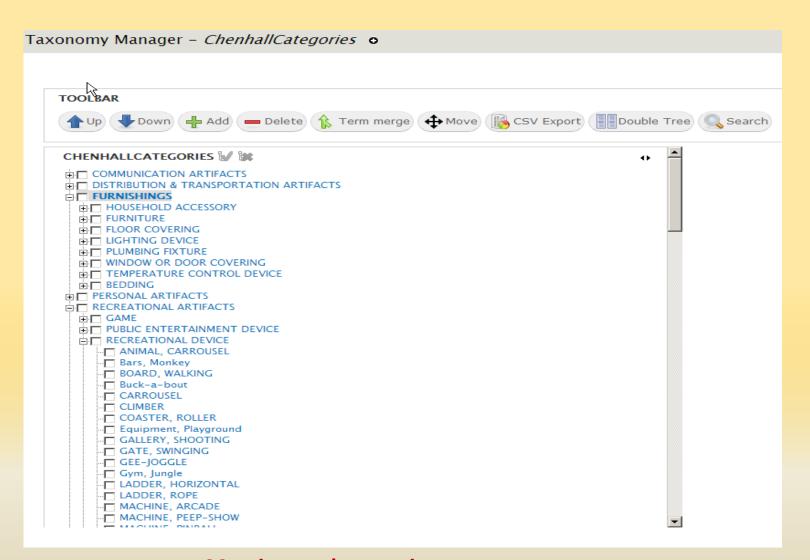




Registered Conservation Bodies and mapping an Organic Group







Merging and managing taxonomy terms









Some images from Genadendal Mission Museum concluded in 2012





Landmarks achieved 2012 – 2013

The 'DREAM TEAM' - Sandiswa, Siyasanga, Bonga and Nokhanyo

- •5573 (out of +- 7000?) Scanned Volumes in the Digital Scanning Project
- •4711 of these were achieved since the new interns started on 1st September 2013

22692 Heritage Sites captured or migrated to SAHRIS

11721 Heritage Objects captured or migrated to SAHRIS

2133 Registered Users

119803 Total Nodes

46 SAHRIS Workshops & Public Presentations

Over 1000 people trained on SAHRIS

Top 1 million websites in the world and top 10000 websites in South Africa

SABC Media Launch on 18 March 2013





World & Africa Firsts achieved 2012 – 2013

World's first system to provide a tool to assess **CUMULATIVE IMPACTS** of development

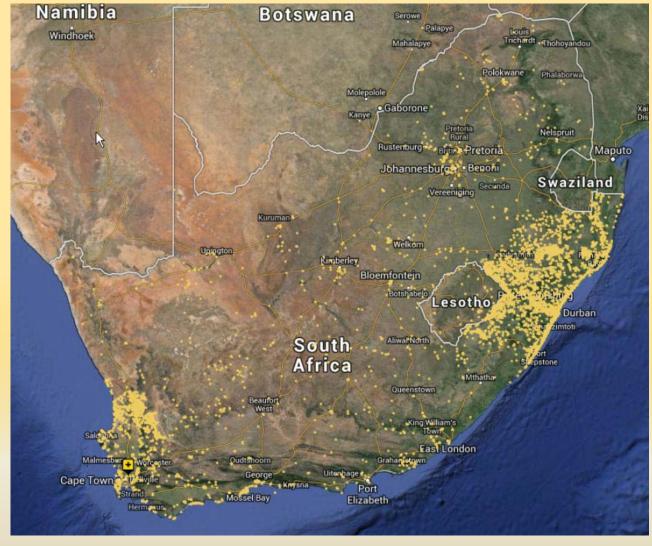
World's first online system which integrates heritage management for sites and collections management with the government end of heritage management

World's first national palaeontological/fossil sensitivity map

South Africa's first government department to go completely DIGITAL for its applications



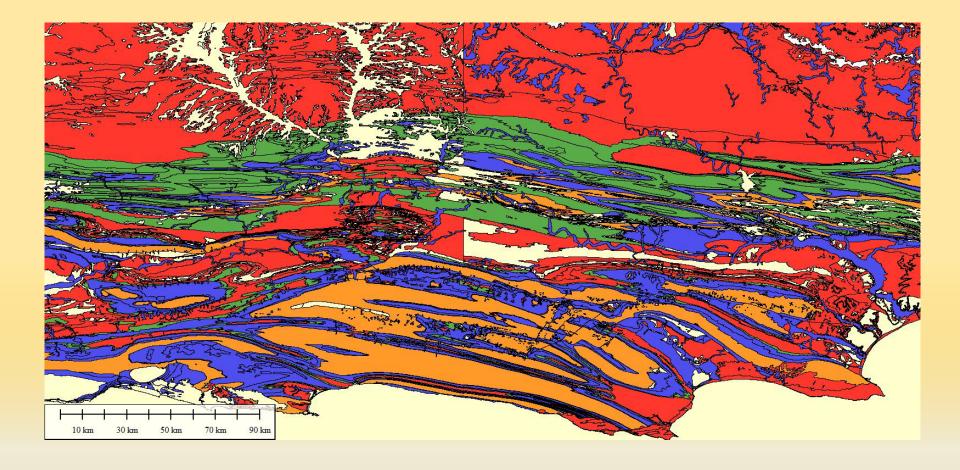




National Sites Map



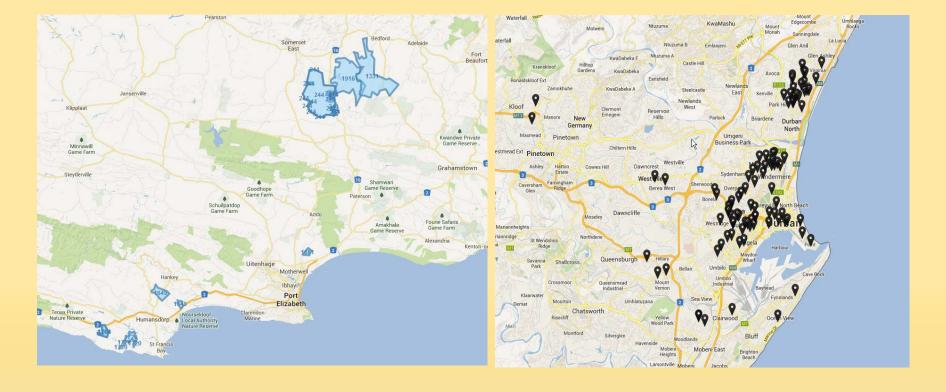




National Fossil Sensitivity Map





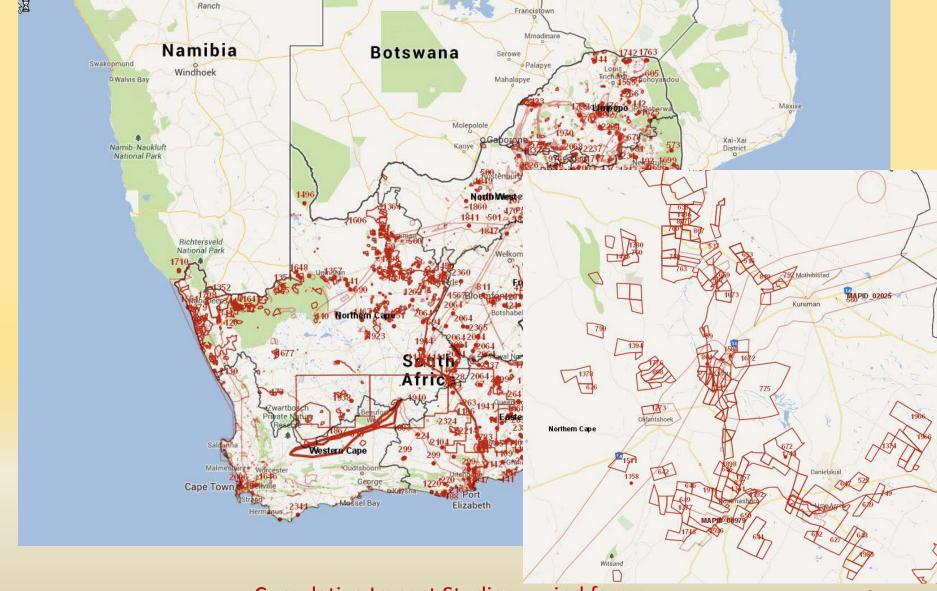


Cumulative Impact Studies – wind farms

Cumulative Impact Studies - buildings







Cumulative Impact Studies – wind farms



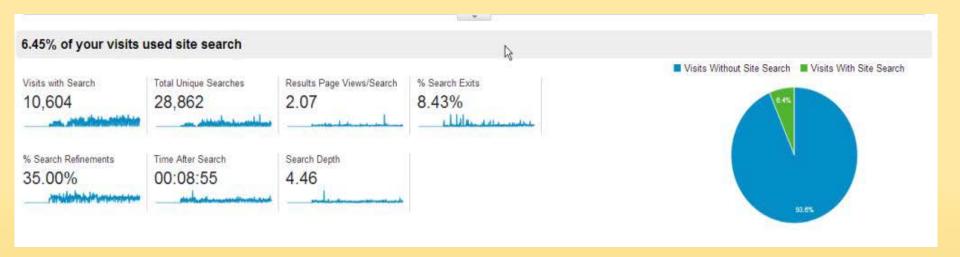


Page	Pageviews	Unique Pageviews	Avg. Time on I	Page
/	1166	31	73260	124.1496221
/dashboard	613	97	26596	126.6844645
/messages	243	39	13559	39.21583964
/sahris	226	29	15082	115.3764496
/user	108	06	6102	113.0905786
/search/site	107	41	6262	33.12560008
/about/procurement	93	46	6393	75.61823539
/searchcases	82	15	3609	115.1193971
/about/recruitment	75	41	5425	49.31184514
/about/sahra	71	69	5458	104.5134043
/mycontent	60	70	3078	87.78122184
/about/legislation	60	07	3520	125.3620463
/sahris-calendar/month	48	33	3077	122.3454865
/about/builtenvironment	47	69	3691	116.83397
/user/register	46	95	2480	111.0421644
/about/publications	46	25	3374	80.99918853
/about/contactus	45	87	3900	177.3811553
/node?destination=node	44	85	2648	58.63713592
/unassigned-cases	44	58	2420	111.4561148
/user/password	40	58	1918	50.84222859
/developments/map	37	33	2559	97.10965795
/messages/new	35	21	2207	163.0346939
/about/heritageobjects	33	16	2659	91.43971332
/about/nationalinventory	32	98	2493	71.76571216
/about/apm	31	54	2450	91.92180896

Page Rankings Top 25







Visits with SEARCH





kathu	77
sterkfontein	67
jagersfontein	63
solar	62
Ngqura	61
malapa	60
swartkrans	47
drimolen	46
"market square"	44
Green Point	43
3546	40
fort west	40
voorspoed	40
mapungubwe	38
sterkfontein filming	38
3438	34
maremani	33
red cap	33
pv	32
ngqura	31
sibudu	29
thabametsi	28
emp section	27
bestwood	26
robben island	25
	28862

Internal Site Search Terms Top 25





SAHRA World Rankings from alexa.com





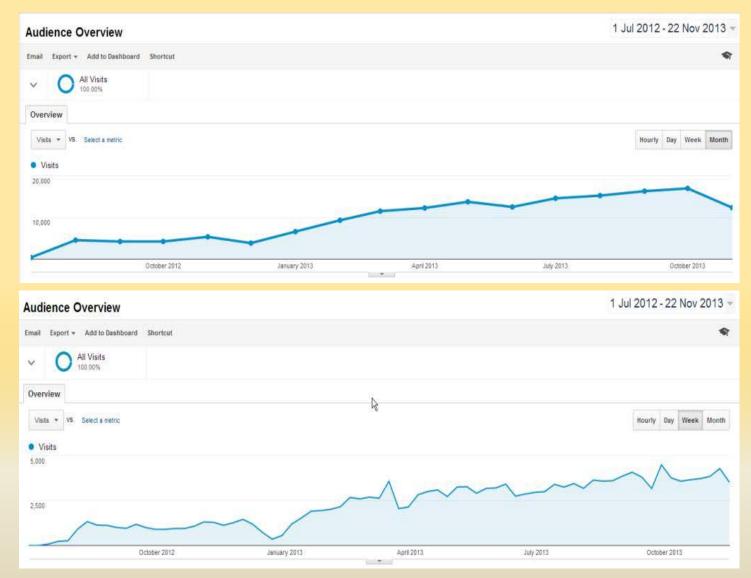


ZA Ranking





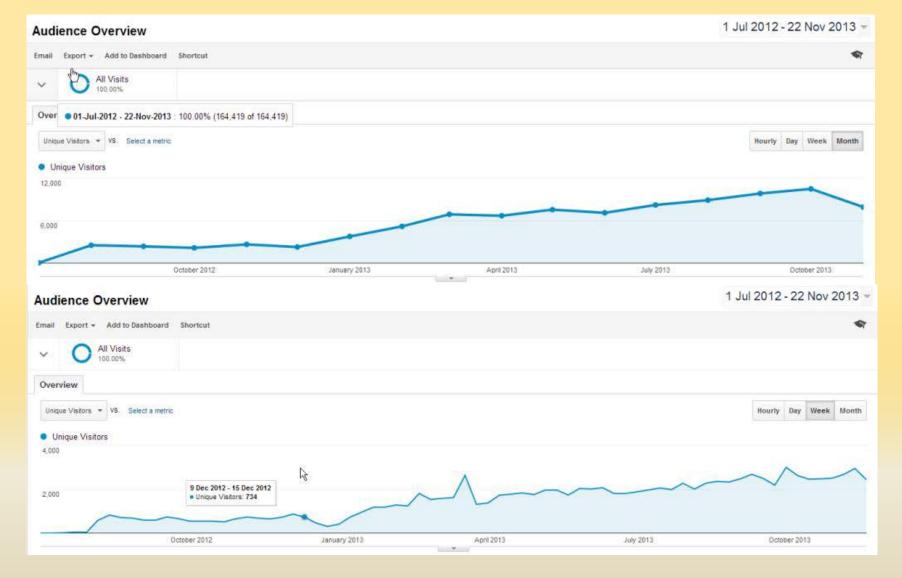




All visits monthly and weekly



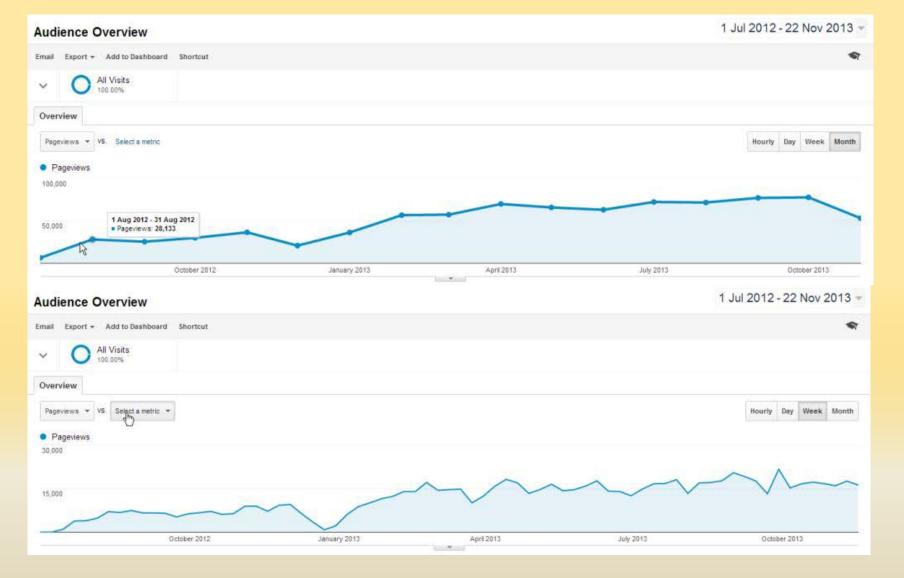




Unique visitors monthly and weekly



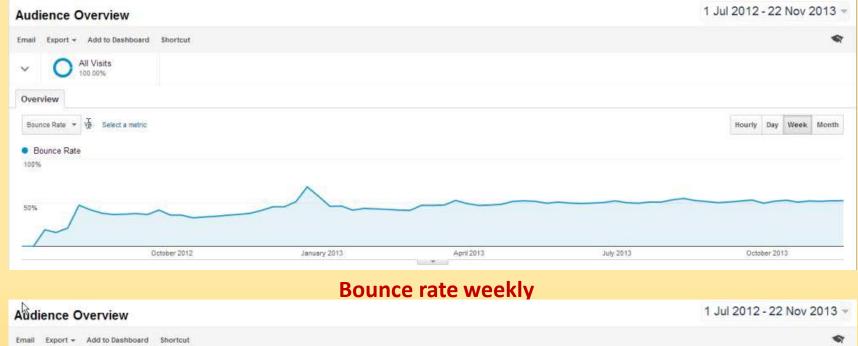


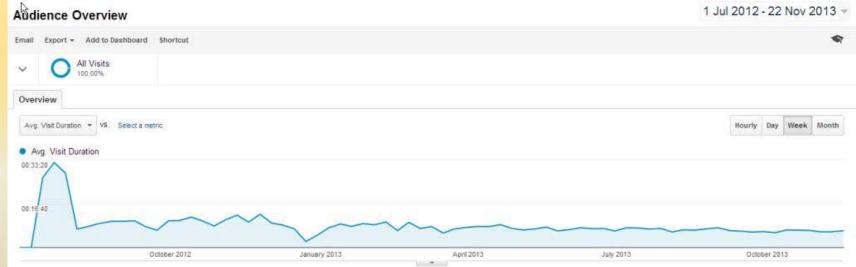


Pageviews monthly and weekly





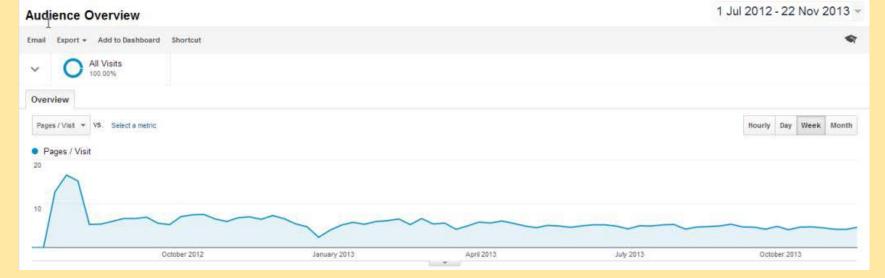




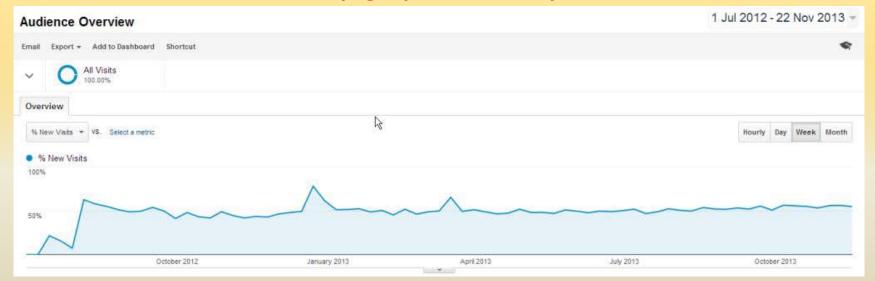
Average visitor duration weekly







All pages per visit weekly



Percentage % new visits weekly





Visits

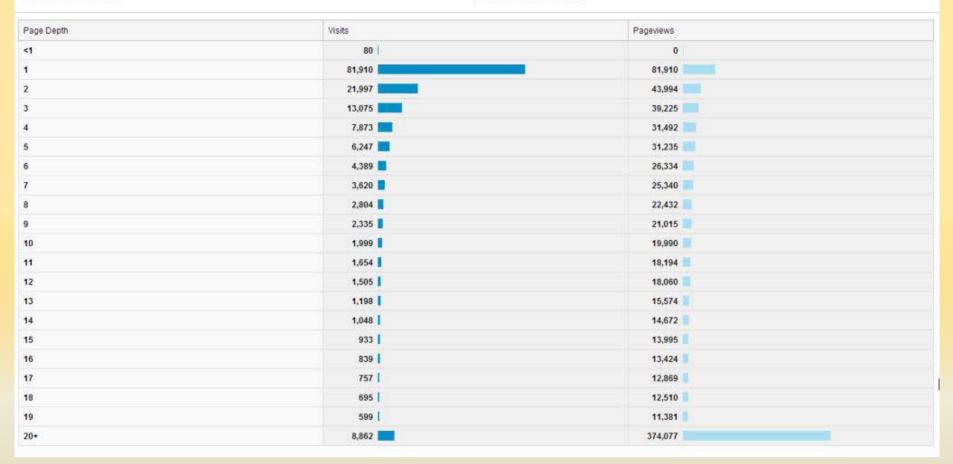
164,419

% of Total: 100.00% (164,419)

Pageviews

847,723

% of Total, 100 00% (847,723)



Engagement – Page Depth



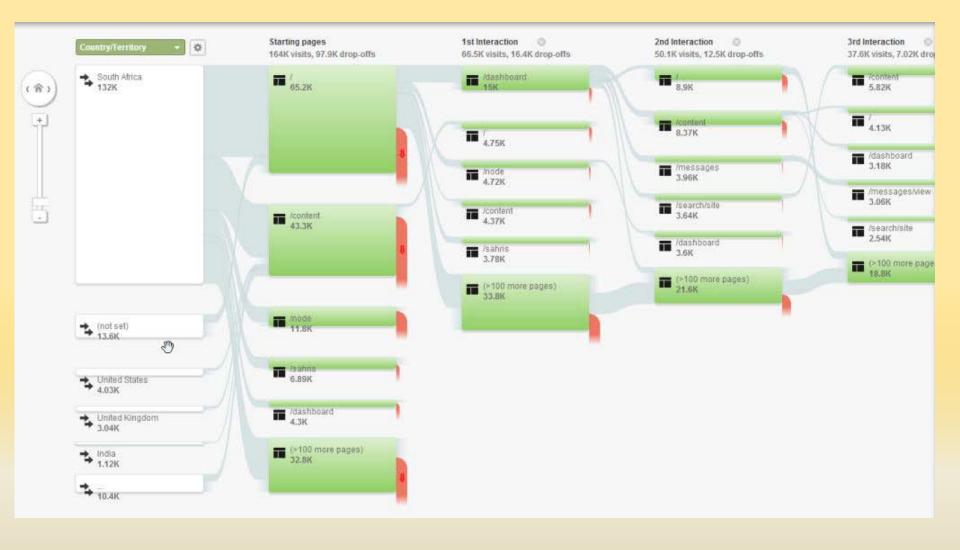


Visits Pageviews 847,723 164,419 % of Total: 100.00% (164,419) % of Total: 100.00% (847,723) Visits Pageviews Visit Duration 0-10 seconds 83,049 86,716 11-30 seconds 7,897 18,187 8,837 31-60 seconds 25,386 61-180 seconds 17,465 69,727 19.094 181-600 seconds 125,161 16,776 174,323 601-1800 seconds 11,301 348,223 1801+ seconds

Engagement – Visit Duration



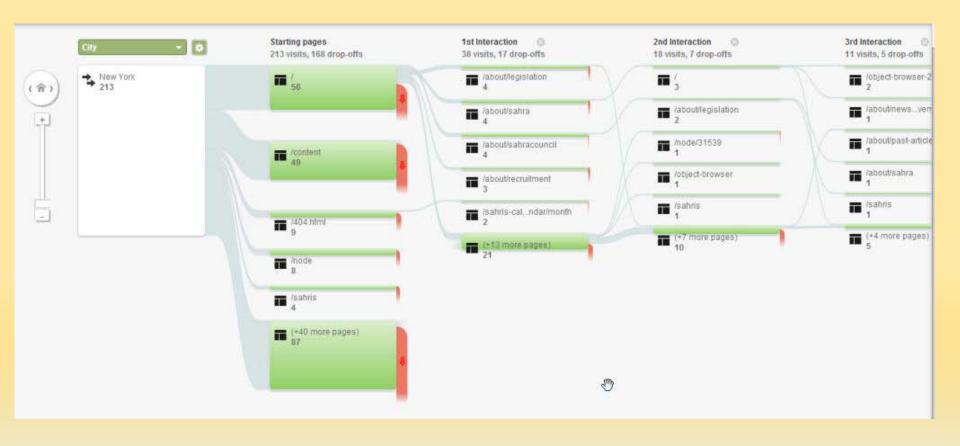




Visitors flow - all





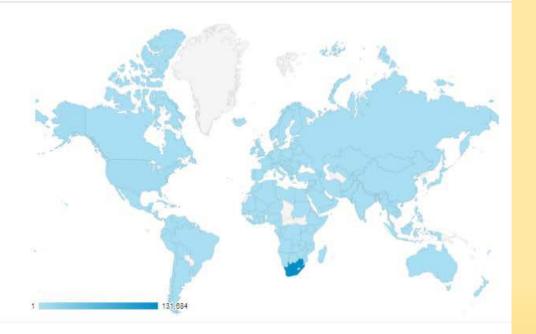


Visitors Flow – New York City









Primary Dimension: Country/Territory City Continent Subcontinent Region

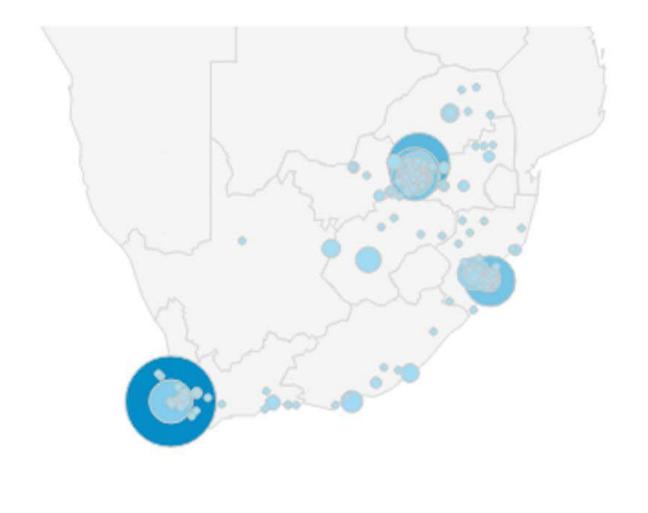
Secondary dimension *

Country/Territory	Acquisition			Betaviour		
	vsis - 4	% New Visits	New Visits : :	Source Rate	Pages / Visit 🦠	Avg. Visit Duration
	164,419 % of Total: 100.00% (164,419)	50.84% Site Aug. 50.81% (0.06%)	83,587 % of Total: 100.06% (83,540)	48.31% site Aug. 48.31% (0.00%)	5.16 Site Aug: 5.16 (0.00%)	00:07:25 Site Aug: 00:07:25 (0:00%)
1. 👜 South Africa	131,684	44.03%	57,987	43.77%	5.84	00:08:40
2. (not set)	13,680	71.01%	9,714	60.89%	2.84	00:03:12
3. me United States	4,134	84.64%	3,499	75.11%	1.97	00:01:43
4. III United Kingdom	3,064	77.08%	2,361	63.41%	2.46	00:02:16
5 India	1,169	84.17%	984	81,35%	1,38	00:01:05
6. Germany	1,123	82.10%	922	63.40%	2.68	00:02:53
7. pp Australia	740	85.95%	636	64.86%	2.28	00:01:40
8. E Netherlands	604	73.51%	444	67:38%	2.61	00:01:40
9. Prance	551	80.78%	445	57.89%	2.44	00:02:02

Visits by Country







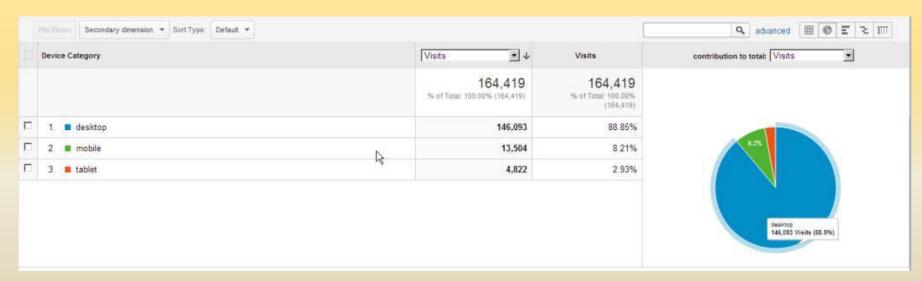
Visits SA Cities







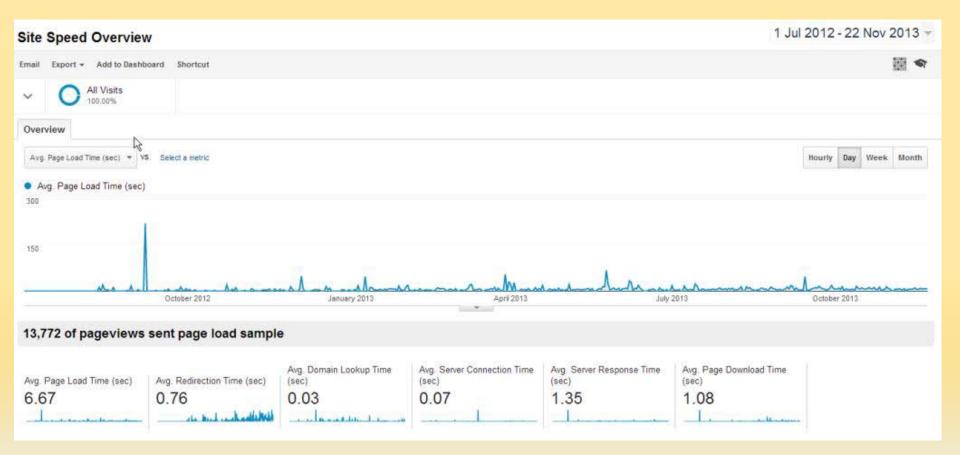
Channels



Device platforms





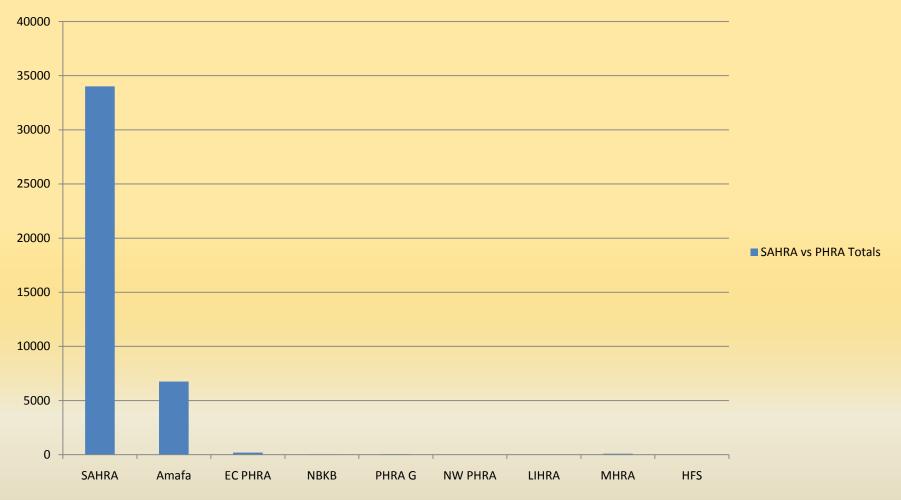


Site speed





SAHRA vs PHRA Totals

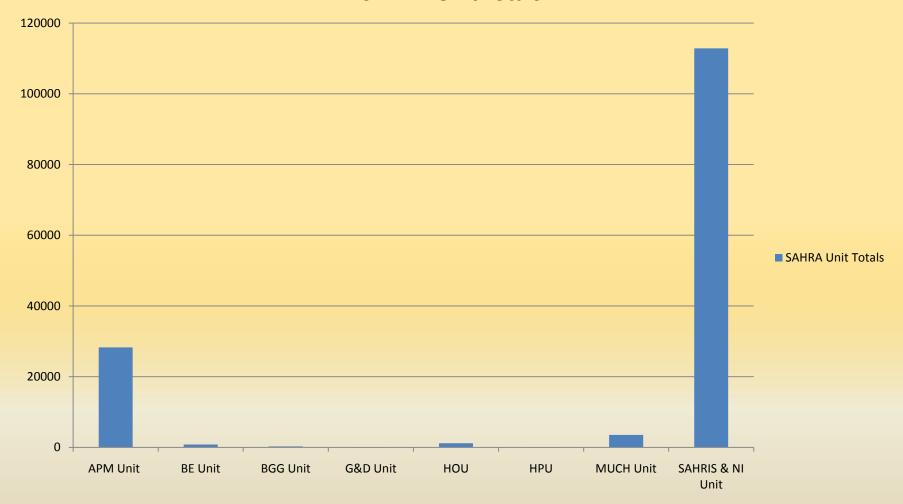


SAHRA vs PHRAs





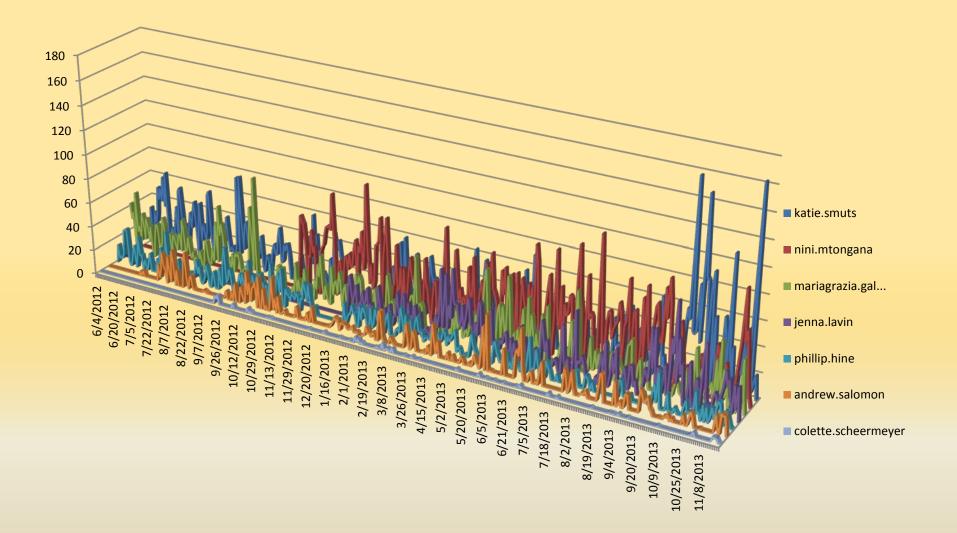
SAHRA Unit Totals



SAHRA Unit Totals



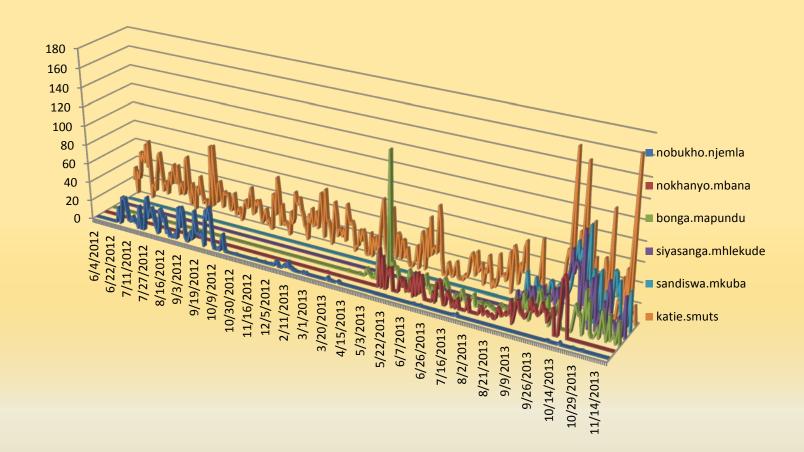




Selected SAHRA Individuals



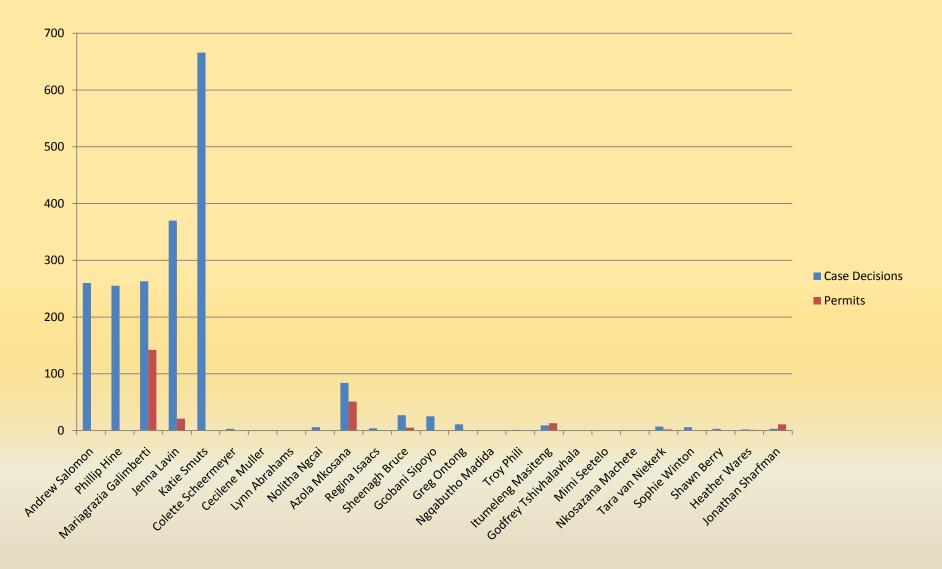




Selected SAHRA Individuals







Selected SAHRA Individuals





TEA!





SAHRIS/NATIONAL INVENTORY TO DO LIST 2013-2014





THE SAHRIS DIGITISATION PROJECT AND THE SCALE OF THE TASK AHEAD

- Phase 1 scanning project to end December or January 2014
- Estimate 3 5 years to complete the data extraction (phase 2)
- Current Dream Team contracted to June & September 2014, new
 Dream Team needs to be budgeted and trained
- Content Moderation of Phase 2 is INTENSIVE
- We need to SCALE up the model to digitise museums and other heritage authorities
- We should bring back the provincial files and digitise them the PHRAs are hopelessly incapacitated and underfunded to carry this out on their own





KEY POINTS FROM THE SAHRIS SUPPORT PLAN

- 1. 3 Users have reached 'Super User' level
- 2. 1 User has reached Content Moderator level
- 3. 3 Users have reached SAHRIS Heritage Officer Level
- 4. Most of these users are currently from the APM Unit
- 5. Only 1 user is left at SAHRA with some understanding of the Collections Management side of SAHRIS
- 6. The operational management of SAHRIS now rests solely on the National Inventory Manager
- 7. Only two content moderators have been approved to start at SAHRA on a contractual basis earliest start date is January 2014
- 8. There is no SAHRIS Helpdesk besides the support offered by the NI Manager
- 9. It will take a minimum of 6 months to train the content moderators to have the capabilities to serve on the SAHRIS helpdesk
- 10. There must be a dedicated SAHRIS helpdesk going forward the level of service given by staff of the PHRAs and SAHRA is highly variable, sometimes bordering on unprofessional, and we have no control over the first experience of the users
- 11. SAHRA's IT Unit is already stretched and unlikely to play any meaningful role in SAHRIS Support
- 12. The Executive departure to Pretoria in February 2014 will significantly reduce the agility of decision-making required to support a live national system





KEY POINTS FROM THE SAHRIS SUPPORT PLAN

- 13. A certain level of flexibility and provision for revision of targets must be made to account for the disruptions that will arise from the move in August 2014
- 14. Lose Amafa, Lose SAHRIS not a single other PHRA is functioning on SAHRIS
- 15. SAHRA's staff need to understand the MoA, SLA and licensing agreements on SAHRIS eg we cannot afford another Annual Report without citations and a breach of the law
- 16. If SAHRA fails to support SAHRIS, the MoA makes provision for the PHRAs to take over the system until SAHRA sorts itself out
- 17. Failure to support the system effectively will lead to data withdrawal from our key partners such as UCT and the KZN Museum, at SAHRA's cost. This will potentially lead to the end of SAHRA's role as the custodian of the National Estate and a permanent segmentation of the information
- 18. Organisationally, SAHRA needs to change and integrate its functions the unit structures are not creating an enabling environment
- 19. The proposed OD structure can be improved be vocal about things that aren't working as there is a lot at stake
- 20. Look after the staff that are excelling on SAHRIS the rest of the organisation is going to rely heavily on them.
- 21. Outsource the development, devolution support, support of museums and training of users outside of SAHRA to reduce the costs and risk but SAHRA still needs to steer this process from the inside out.





LUNCH!





Launch of the mandatory site recording process on SAHRIS

- 1. Timeframes
- 2. Quick tutorial, using the templates
- 3. Training and support
- 4. Gradualist approach
- 5. PHRA buy-in





GRAP and the Museum Sector

- 1. Over 100 000 Users need SAHRIS, training and support, digitisation ARMIES
- 2. GRAP extends to all government departments and includes sites, not just objects
- 3. DAC CFO support
- 4. Policies & direction from SAHRA





Rollout of SAHRIS to other countries

- 1. Interest expressed from Lesotho, especially to manage Maloti Drakensberg World Heritage Site
- 2. Positive support from ASAPA 2013 Botswana, Namibia, Zimbabwe, Mozambique....
- 3. ICOMOS





Possible developments for Version 4, 5 of SAHRIS

- 1. More complete Museum Management System
- 2. Mobile friendly version of SAHRIS
- 3. 11 Official Languages
- 4. Oral Histories RMA integration?





SAHRIS Certificate Awards



