The South African Heritage Resources Information System, commonly known as

SAHRIS

Overview of Features

Last updated February 2013

Introduction

SAHRA has developed version 1 of the South African Heritage Resources Information System, commonly known as SAHRIS. SAHRIS is directly developed from the requirements set out in the National Heritage Resources Act (Act 25 of 1999), generally referred to as the NHRA.

Development of the system began in January 2012 using the Drupal Content Management System platform in line with SAHRA's overall adoption of free open source software. Version 1 covers heritage case management and is integrated with the National Inventory of sites and objects. The system has been tested and used by SAHRA's staff since May 2012 and is being rolled out in phases. To date, all nine provincial heritage resources authorities (PHRAs) in South Africa, as well as the heritage unit at the City of Cape Town Municipality, have been trained and/or demonstrated to on SAHRIS.

Through SAHRIS, SAHRA is able to provide a heritage management tool to all heritage bodies and custodians of heritage, as well as to local planning authorities and provincial Heritage Resources Authorities (PHRAs). The system enables the efficient and coordinated management of our heritage, and the maximization of benefit to be attained from our heritage resources by appropriate promotion and use of these resources. SAHRA views the custodians of heritage resources as integral partners in this project and is providing forums for participation in the project.

SAHRIS is the first online government service, worldwide, which allows the public to view and comment on developments in their area on a GIS platform. This platform not only facilitates public participation in heritage related applications, but also significantly reduces the costs and improves the efficiency of the committee decision making process required by the NHRA.

To date, more than 21000 sites of heritage significance have been migrated to SAHRIS. This includes the SAHRA databases of around 3500 declared heritage sites and 3000 shipwrecks, the entire KwaZulu Natal Museum database of over 6000 archaeological sites and the University of Cape Town's collection of 5400 site recordings. About 30 000 sites on various heritage registers have been earmarked for migration and the Amafa heritage register of over 3000 locally significant buildings have also been migrated. In 2013, SAHRA embarked on the digitisation of its registry.

Besides managing development cases, permit applications and other 'case related' content, the National Inventory includes heritage objects in terms of Section 32 of the NHRA. To this end, a number of standalone audits of state-owned collections took place during the 2000s. The Groote Schuur collection has already been transferred to SAHRIS and many others are in the process of being formatted for their final import into SAHRIS such as the Genadendal audit. In Bloemfontein, the National Museum, National Afrikaans Literary Museum and Pacofs are currently engaged as the first users to capture their audits on the online collections management features of SAHRIS. Common to all of these institutions was the lack of an integrated system and a general lack of financial or other capacity.

Besides the migration of all of the standalone data to SAHRIS, a number of important integrations have already occurred. You can now nominate and track the full declaration process related to nationally significant heritage object collections in terms of Section 32 of the National Heritage Resources Act (Act 25 of 1999). The permitting process related to objects destined for permanent or temporary export is also operational. Finally, for archaeologists and palaeontologists, the integration between 'SITE' and 'OBJECTS' excavated or removed from sites is in place.

For data security, SAHRIS has been setup with the Organic Groups module so that each museum controls access to their collections, with private and public modes available for objects they've chosen to be managed in or out of the public domain. While we acknowledge the need to provide security for certain information, we strongly encourage our participants to use SAHRIS in public mode to publicise and share their data as far as possible in terms of the Creative Commons License (CCBYSA).

Some of the features already available for collections management on SAHRIS include the following:

1. Online capture of objects related data that has been tested for social history and archaeological collections.

2. Full text searches using the Apache Solr Search Index on SAHRIS. The search engine even indexes uploaded pdf documents.

3. Exposed filter searches by keywords with exposed operator choices.

4. Integrated storage of imagery to the object records - up to 10 megabytes per image (unlimited number of images).

5. Integrated use of over 9500 Chenhall classification terms using the Taxonomy Module.

6. Dynamic parent relationship creation – store your objects by whatever depth of detail you require.

7. Comment on objects online and communicate to other users on SAHRIS via the messaging system.

8. Subscribe to an object's change history.

9. Keep track of updates to object related information via the Revisioning Module and view the actual differences through the Diff Module.

10. Standardise usage of classification terms in South Africa with other expert members for various types of objects through online forums on SAHRIS. Easily merge redundant or incorrect terms in the various taxonomies and allow the creation of new terms which are peer reviewed.

11. Allow viewing of your imagery in the Lightbox Module which prevents downloading of the original files and

serves them up in 800x600 pixels (or other resolutions that can be set) over the web.

12. Condition assessments tracking for objects.

13. Case management of objects handled by heritage authorities.

14. My Uploads feature which provides an easy download listing per user of the full resolution versions of images and other files. This allows users to store their higher resolution images on SAHRIS as free cloud storage while only serving up the lower 800x600 pixel versions to other users.

15. Integration with Facebook, Google +, LinkedIn and Share to provide a more comprehensive commenting system.

16. Live Chat module for online help and assistance from logged in case officers.

17. Live Replication of SAHRIS data to two data centres situation in Cape Town and Johannesburg as well as daily backup of all data. These rely on our recently installed NAS Servers which hold about 100 Terabytes of data.

18. Online accession/movements register which allows museums to track and manage the movements of objects internally or externally between other institutions.

We also aim to complete the necessary fields for literature and natural history collections in 2013 so that SAHRIS is able to offer a complete management system to museums in South Africa. This will also hopefully be accompanied by the first online fossil sensitivity map, pending data sharing negotiations with the Council for Geoscience.

The hosting infrastructure is currently held at Mweb's data centre in Parow, Cape Town. Two servers are in operation running the Ubuntu Server Operating System, one hosting Geoserver, an open source mapping server, and the other is the main webserver for SAHRIS. A third server resides in Mweb's data centre in Greenacres, Johannesburg. Both data centres have a NAS server for large storage. In the coming months and years, SAHRA will continually assess the storage requirements of its partners as it grows the digitised inventory of heritage related information. Before we move onto the annotated screenshots, three points are highlighted in the approach taken to the implementation of SAHRIS thus far:

a) The configuration and use of Drupal for SAHRIS has allowed SAHRA to develop the system using free open source software with little need for coding or reinventing the wheel. It only took 3 months before SAHRIS came into operation at SAHRA with only one full time employee involved in the configuration of Drupal.

b) Secondly, we believe that SAHRIS will only work if it is used as an integrated heritage management system. This will allow the smallest museums to interface with the larger museums and it forces the users into capturing and maintaining their information rather than referring to 'lists' which nobody maintains properly.

c) Finally, we believe this service should be free of charge following the successful model pioneered by Wikipedia and others.

Homepage of SAHRA: www.sahra.org.za

This is also the landing page of SAHRIS. To login, users go to the home page and click on Login at the top left. Users viewing SAHRIS on Internet Explorer 8 or older (versions prior to version 9) will see a message warning them to try another browser or update their browser. We recommend using **Google Chrome**.
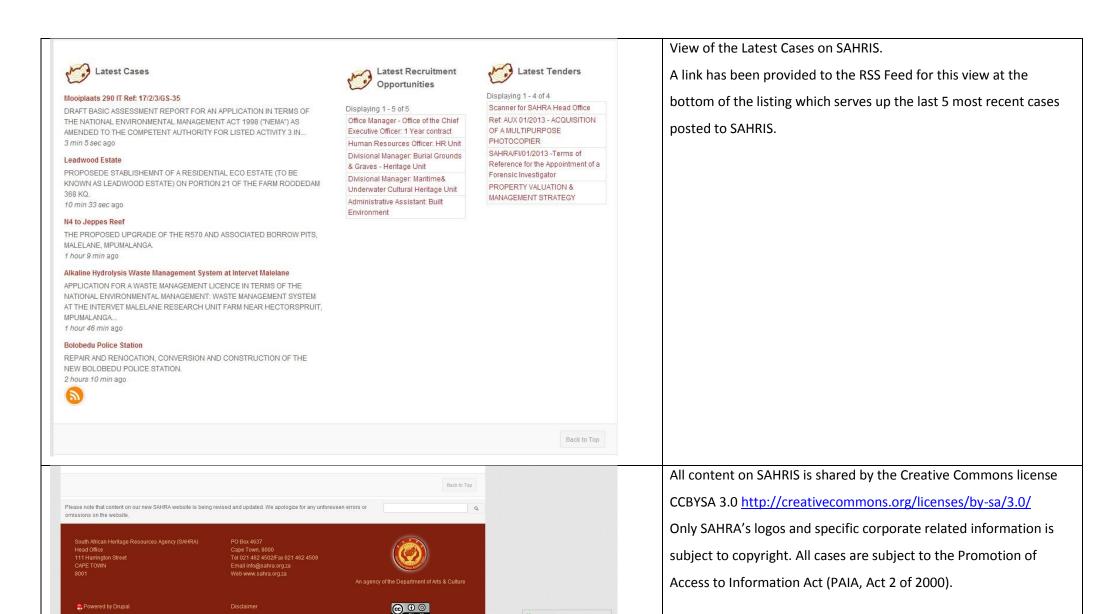
For users that have forgotten their password, there is a self-service 'Request New Password' link below Login which sends off a one-time login link via their unique email address.

Partner institutions such as the PHRAs may post articles to the homepage.

The backend of SAHRIS has been stripped down to a minimalist theme on purpose as it was designed to be a shared tool for all heritage users. To navigate to SAHRIS, click on the SAHRIS link in the main menu or any of the shortcut hyperlinks shown to logged in users at the top right. To log out, click on 'Log out'. Users inactive for two hours are automatically logged out.

Latest Cases

Mooiplaats 290 IT Ref: 17/2/3/GS-35

DRAFT BASIC ASSESSMENT REPORT FOR AN APPLICATION IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT 1998 ("NEMA") AS AMENDED TO THE COMPETENT AUTHORITY FOR LISTED ACTIVITY 3 IN...

3 min 5 sec ago

Leadwood Estate

PROPOSEDE STABLISHEMNT OF A RESIDENTIAL ECO ESTATE (TO BE KNOWN AS LEADWOOD ESTATE) ON PORTION 21 OF THE FARM ROODEDAM 368 KQ.

10 min 33 sec ago

N4 to Jeppes Reef

THE PROPOSED UPGRADE OF THE R570 AND ASSOCIATED BORROW PITS, MALELANE, MPUMALANGA.

1 hour 9 min ago

Alkaline Hydrolysis Waste Management System at Intervet Malelane

APPLICATION FOR A WASTE MANAGEMENT LICENCE IN TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT: WASTE MANAGEMENT SYSTEM AT THE INTERVET MALELANE RESEARCH UNIT FARM NEAR HECTORSPRUIT, MPUMALANGA...

1 hour 46 min ago

Bolobedu Police Station

REPAIR AND RENOCATION, CONVERSION AND CONSTRUCTION OF THE NEW BOLOBEDU POLICE STATION.

2 hours 10 min ago

Latest Recruitment Opportunities

Displaying 1 - 5 of 5

| Office Manager - Office of the Chief Executive Officer: 1 Year contract |
| Human Resources Officer: HR Unit |
| Divisional Manager: Burial Grounds & Graves - Heritage Unit |
| Divisional Manager: Maritime& Underwater Cultural Heritage Unit |
| Administrative Assistant: Built Environment |

Latest Tenders

Displaying 1 - 4 of 4

| Scanner for SAHRA Head Office |
| Ref: AUX 01/2013 - ACQUISITION OF A MULTIPURPOSE PHOTOCOPIER |
| SAHRA/FI/01/2013 -Terms of Reference for the Appointment of a Forensic Investigator |
| PROPERTY VALUATION & MANAGEMENT STRATEGY |

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Please note that content on our new SAHRA website is being revised and updated. We apologize for any unforeseen errors or omissions on the website.

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An agency of the Department of Arts & Culture

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Chat (13)

View of the Latest Cases on SAHRIS.

A link has been provided to the RSS Feed for this view at the bottom of the listing which serves up the last 5 most recent cases posted to SAHRIS.

Chat

Go Idle

phillip.hine

katie.smuts

andrew.salomon

azola.mkosana

nobukho.njemla

applicant

gcobani.sipoyo

nini.mtongana

jenty.mepa

itumeleng.masiteng

luvo.mbaru

sheenagh.bruce

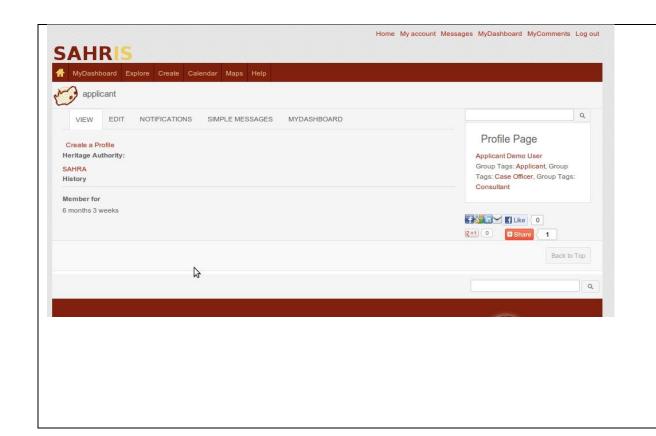kobus.duplessis

Public Chatroom

Chat (13)

A live chat module has been added to SAHRIS since December 2012. This allows members of the public, applicants and so forth to communicate live with case officers or other expert users on SAHRIS for help. Logs of these chat sessions are kept on users' profiles via EXPLORE – MY CONTENT – CHAT MESSAGES. These chat message logs are not visible to other users unless chats are conducted in the PUBLIC CHATROOM.

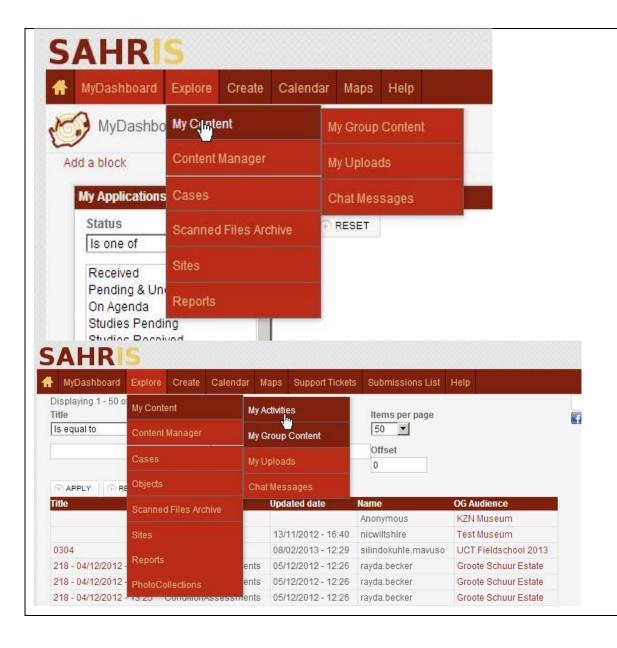Note usernames disappear frequently due to inactivity timeouts.

The very first thing all new users on SAHRIS MUST do, is to create a profile. However, some users' profiles may already exist on SAHRIS as they may have been entered by somebody else as part of a site record or application. New users can simply message the administrator, nicwiltshire, via the messaging system if they find their profile already exists on SAHRIS. The administrator will then link their existing profile to their user account and will transfer authorship rights to the user so that future changes to address or contact details are maintained by the users themselves. To search for a possible previous profile – enter your name in the search bar – do not input a title (eg Dr, Mr, Mrs, Ms etc). You may decide to use a group/organisation user name – ensure this is linked to your organisation profile by editing the organisation and linking it to the username. This has been used by groups wishing to share authorship access to cases.

Menus are customised according to user roles and permissions. SAHRIS users the Superfish menu module – each item therefore takes the user to a page – for instance, clicking on EXPLORE will take the user to the Browse Content Overview page on SAHRIS – it is not an anchor menu. Submenus can be accessed by moving the mouse over the menu.

The menus on SAHRIS are self-explanatory. To find content or query records via the customised reports, use the EXPLORE menu and submenus attached to it.
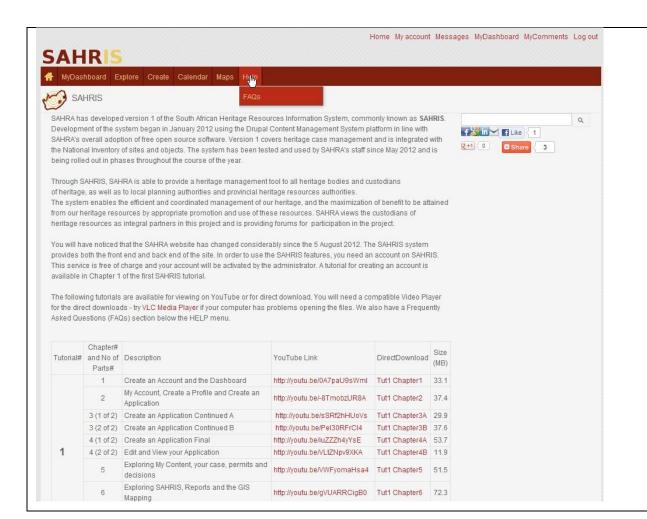
To Create or Add content, use the CREATE menu.

The Create Menu is where you need to go to add a new application on SAHRIS. Applications are all treated as CASES – whether they are permit applications, applications for development in terms of Section 38 of the NHRA or even nominations for declaration of heritage sites or objects.

Some menus have a third and even a forth level or tree.

SAHRIS

Home My account Messages MyDashboard MyComments Log out

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FAQs

SAHRIS

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Through SAHRIS, SAHRA is able to provide a heritage management tool to all heritage bodies and custodians of heritage, as well as to local planning authorities and provincial heritage resources authorities.
The system enables the efficient and coordinated management of our heritage, and the maximization of benefit to be attained from our heritage resources by appropriate promotion and use of these resources. SAHRA views the custodians of heritage resources as integral partners in this project and is providing forums for participation in the project.

You will have noticed that the SAHRA website has changed considerably since the 5 August 2012. The SAHRIS system provides both the front end and back end of the site. In order to use the SAHRIS features, you need an account on SAHRIS. This service is free of charge and your account will be activated by the administrator. A tutorial for creating an account is available in Chapter 1 of the first SAHRIS tutorial.

The following tutorials are available for viewing on YouTube or for direct download. You will need a compatible Video Player for the direct downloads - try VLC Media Player if your computer has problems opening the files. We also have a Frequently Asked Questions (FAQs) section below the HELP menu.

Tutorial#	Chapter# and No of Parts#	Description	YouTube Link	DirectDownload	Size (MB)
	1	Create an Account and the Dashboard	http://youtu.be/0A7paU9sWmI	Tut1 Chapter1	33.1
	2	My Account, Create a Profile and Create an Application	http://youtu.be/-8TmobzUR8A	Tut1 Chapter2	37.4
	3 (1 of 2)	Create an Application Continued A	http://youtu.be/sSRf2hHUoVs	Tut1 Chapter3A	29.9
	3 (2 of 2)	Create an Application Continued B	http://youtu.be/Pel30RFrCl4	Tut1 Chapter3B	37.6
	4 (1 of 2)	Create an Application Final	http://youtu.be/iuZZZh4yYsE	Tut1 Chapter4A	53.7
1	4 (2 of 2)	Edit and View your Application	http://youtu.be/VLtZNpv9XKA	Tut1 Chapter4B	11.9
	5	Exploring My Content, your case, permits and decisions	http://youtu.be/VWFyomaHsa4	Tut1 Chapter5	51.5
	6	Exploring SAHRIS, Reports and the GIS Mapping	http://youtu.be/gVUARRCigB0	Tut1 Chapter6	72.3

The SAHRIS HELP page can be accessed via the HELP menu while viewing SAHRIS pages (when the SAHRA banner is not visible everything else defaults to the SAHRIS backend). This page is also accessed by clicking on SAHRIS from the homepage.

On it are a number of tutorials separated into chapters for easy download on YouTube or for later viewing from the direct download links in AVI format. A link to VLC Media Player has been provided for users who cannot play AVI files.
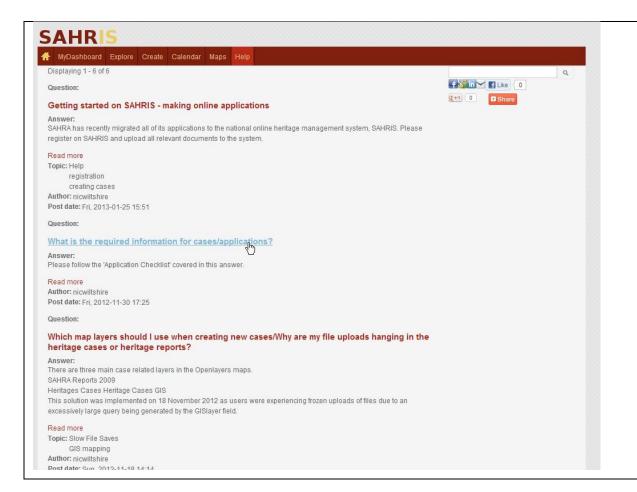
		Heritage Officers Series - Case decisions, letters, declaration notices, case tracking	http://youtu.be/QRjXZRLMLbo	Tut7 Chapter 4	45.2
	4 of 9	Heritage Officers Series - Case decisions & Permits continued	http://youtu.be/2VUENSylr2E	Tut7 Chapter 5	49.6
	5 of 9	Heritage Officers Series - Permits conclusion	http://youtu.be/I7TLATSqSqc	Tut7 Chapter 6	37.2
7	6 of 9	Heritage Officers Series - Opening & closing comments, monthly reports, revision history, permit listing report, cases on agenda, content summary	http://youtu.be/dDX81DhfM1w	Tut7 Chapter 7	48.6
	7 of 9	Heritage Officers Series - Sites, Nominations and Declarations, Gradings	http://youtu.be/Lu0mzbROOQk	Tut7 Chapter 8	59.7
	8 of 9	Heritage Officers Series - Creating sub groups of Organic Groups for properties involved in impact assessments	http://youtu.be/iRkOK3hGHns	Tut7 Chapter 9	65.8
	9 of 9				

AttachedDocs:

Attachment	Size
SAHRIS Presentation to the University of Cape Town and Iziko Museums, October 2012	6.71 MB
PDF version of Powerpoint slides presented to the South African Museums Association on 1st November 2012 by Nic Wiltshire	1.96 MB
PDF version of the soundbyte presented to the South African Museums Association on 1st November 2012 by Nic Wiltshire	91.11 KB

Additional help docs for download (such as this Overview of Features) are available for download at the bottom of the HELP page.
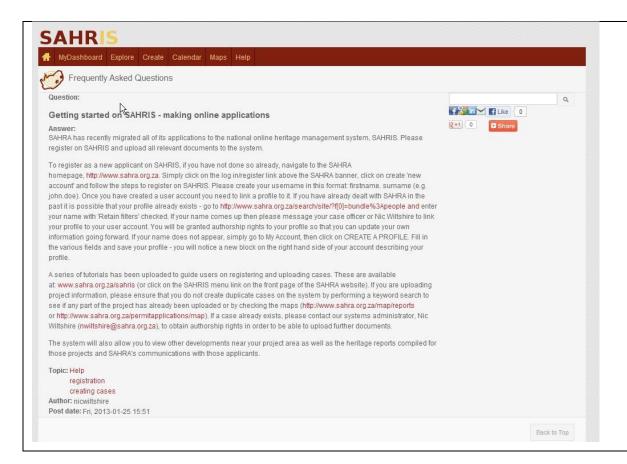
A submenu of HELP is the Frequently Asked Questions page, or FAQs. Listed on the left are teasers (summarised views) of the growing archive of frequently asked questions with answers and assistance for commonly encountered issues.
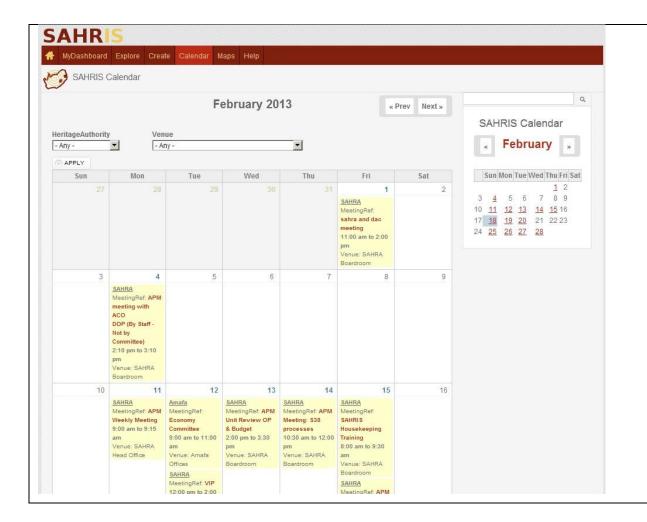
SAHRIS

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Frequently Asked Questions

Question:

Getting started on SAHRIS - making online applications

Answer:
SAHRA has recently migrated all of its applications to the national online heritage management system, SAHRIS. Please register on SAHRIS and upload all relevant documents to the system.

To register as a new applicant on SAHRIS, if you have not done so already, navigate to the SAHRA homepage, http://www.sahra.org.za. Simply click on the log in/register link above the SAHRA banner, click on create 'new account' and follow the steps to register on SAHRIS. Please create your username in this format: firstname. surname (e.g. john.doe). Once you have created a user account you need to link a profile to it. If you have already dealt with SAHRA in the past it is possible that your profile already exists - go to http://www.sahra.org.za/search/site/?f[0]=bundle%3Apeople and enter your name with 'Retain filters' checked. If your name comes up then please message your case officer or Nic Wiltshire to link your profile to your user account. You will be granted authorship rights to your profile so that you can update your own information going forward. If your name does not appear, simply go to My Account, then click on CREATE A PROFILE. Fill in the various fields and save your profile - you will notice a new block on the right hand side of your account describing your profile.

A series of tutorials has been uploaded to guide users on registering and uploading cases. These are available at: www.sahra.org.za/sahris (or click on the SAHRIS menu link on the front page of the SAHRA website). If you are uploading project information, please ensure that you do not create duplicate cases on the system by performing a keyword search to see if any part of the project has already been uploaded or by checking the maps (http://www.sahra.org.za/map/reports or http://www.sahra.org.za/permitapplications/map). If a case already exists, please contact our systems administrator, Nic Wiltshire (nwiltshire@sahra.org.za), to obtain authorship rights in order to be able to upload further documents.

The system will also allow you to view other developments near your project area as well as the heritage reports compiled for those projects and SAHRA's communications with those applicants.

Topic: Help
     registration
     creating cases
Author: nicwiltshire
Post date: Fri, 2013-01-25 15:51

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To view the full post of articles or FAQs, click on the title which is hyperlinked in red, or click on the Read more link.

SAHRIS has a shared calendar for the heritage authorities using the system. Users can filter out the heritage authority they are interested in using the dropdown options and they can specify meetings taking place for a specific venue if needed.

The calendar also serves as the public interface for official agendas and minutes. The minutes of decisions related to heritage cases are formulated into written Records of Decision, letters or comments. Agendas for heritage meetings are automatically generated by the Cases on Agenda View on the heritage officer and committee member dashboards.

An additional feature was added in 2013 for Agenda Packs residing in Organic Groups. This allows digital dissemination of confidential information to other members of the committees prior to the meeting taking place.

View of the SAHRIS calendar with filters applied
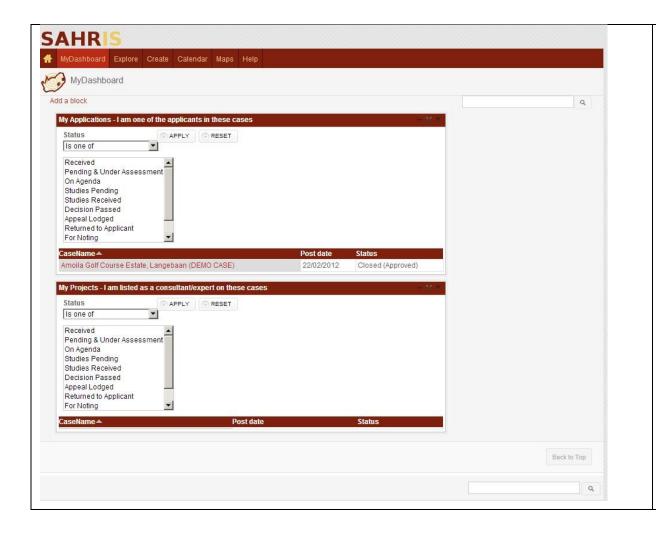
View of MyDashboard.

This is the default landing page for all applicants and consultants on SAHRIS. A list of My Applications is linked to all cases where the logged in user has been set as an Applicant. The My Projects listing shows all cases where the current user has been set as a Consultant or Expert for a case.
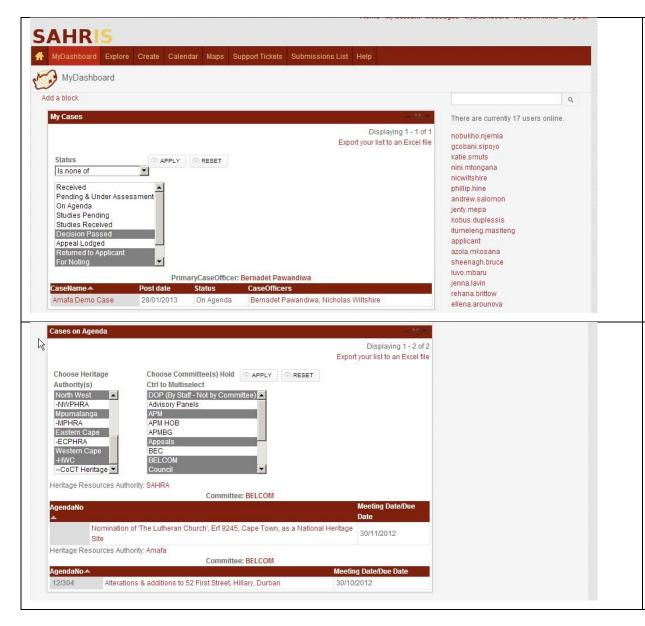
In each view, users can filter their cases by status. To see what the terms mean, click on the status link on a case to view the description associated with the flag.

A good tip is to right click links and to choose 'Open in New Tab'. This allows users to keep a list open such as the one on the left and to navigate other pages on SAHRIS freely.

View of a heritage officer's dashboard.

Heritage Officers have two views on their dashboards, My Cases and Cases on Agenda. They can also see the currently logged in users on SAHRIS on the right. My Cases links all cases where the heritage officer field is equal to the currently logged in user. It is sorted by Primary case officer – ie, whoever was placed first on the heritage officer list.
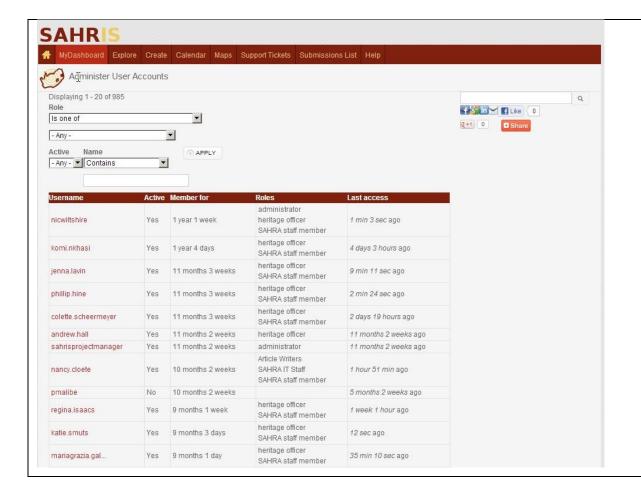
This view can generate a report for case officers with an option to Export to Excel.

The Cases on Agenda view is available to heritage officers and to committee members. Tutorial 6 covers the commenting process on SAHRIS and committee members are able to view all the related documentation queued for them by the case officer in a simple, easily filtered list that has been prepared for them.

For first time committee members, they need to select the heritage authority they're commenting for as well as the committee. The system will then recall their choices the next time they use the view.

SAHRIS

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Administer User Accounts

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Role
Is one of

- Any -

Active   **Name**
- Any -   Contains

APPLY

Like 0

+1 0   Share

Username	Active	Member for	Roles	Last access
nicwiltshire	Yes	1 year 1 week	administrator heritage officer SAHRA staff member	1 min 3 sec ago
komi.nkhasi	Yes	1 year 4 days	heritage officer SAHRA staff member	4 days 3 hours ago
jenna.lavin	Yes	11 months 3 weeks	heritage officer SAHRA staff member	9 min 11 sec ago
phillip.hine	Yes	11 months 3 weeks	heritage officer SAHRA staff member	2 min 24 sec ago
colette.scheermeyer	Yes	11 months 3 weeks	heritage officer SAHRA staff member	2 days 19 hours ago
andrew.hall	Yes	11 months 2 weeks	heritage officer	11 months 2 weeks ago
sahrisprojectmanager	Yes	11 months 2 weeks	administrator	11 months 2 weeks ago
nancy.cloete	Yes	10 months 2 weeks	Article Writers SAHRA IT Staff SAHRA staff member	1 hour 51 min ago
pmalibe	No	10 months 2 weeks		5 months 2 weeks ago
regina.isaacs	Yes	9 months 1 week	heritage officer SAHRA staff member	1 week 1 hour ago
katie.smuts	Yes	9 months 3 days	heritage officer SAHRA staff member	12 sec ago
mariagrazia.gal...	Yes	9 months 1 day	heritage officer SAHRA staff member	35 min 10 sec ago

View of User Admin (or Administer User Accounts).

This is a special function available only to certain super users. It allows PHRAs and other heritage authorities to self manage the roles given to registered conservation bodies and the applicant user role on SAHRIS without having full administrative access to the Drupal console.

SAHRIS

MyDashboard Explore Create Calendar Maps Help

Search

Enter terms

Browse available categories

Pick a category to launch a search.

Filter by content type:

SiteRecordings (21809)
Sites (21457)
Gradings (7107)
HeritageReports (4938)
Objects (4231)
People (4224)
Properties (3788)
Declarations (3619)
file (2140)
Institutions and Organisations (1657)
Heritage Cases (1384)
ObjectMovements (1110)
ConditionAssessments (956)
CaseDecisions (711)
Permits (104)
CaseTracking (94)
Meetings (82)
Locations (52)
RecordingProjects (34)
Basic page (25)
Article (16)
Site Monitoring (14)
Frequently Asked Questions (6)
Recruitment (6)
Banner (4)
Conservation Group Registrations (4)
Field Surveys (4)

EXPLORE

The view on the left appears when clicking on EXPLORE. SAHRIS use the Apache Solr Search index module to organise content and it provides an overview page where users can browse content by category, or FACET.

The search bar is extended on this page but you will notice two search bars for convenience on all SAHRIS pages on the right top and bottom of the page. The search index also has an autofinder enabled to find matches as you type a search query in these fields.

Once you have entered a search query you will see all matches for the search term, partial or whole. To find only terms for your specific text, enter eg "Pinnacle Point" (enclose your search with quotation marks).
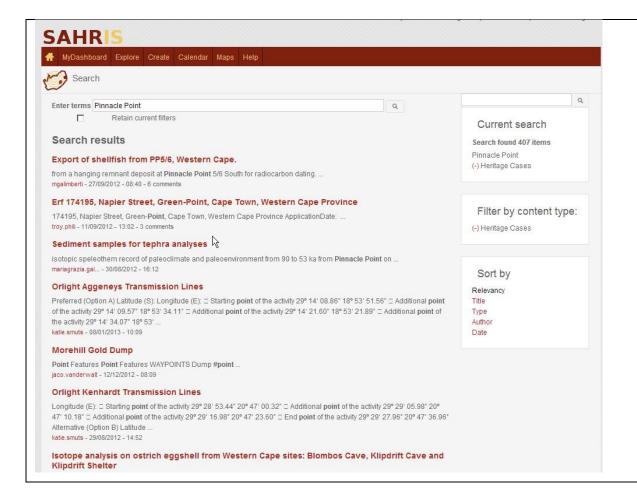
The number of matches found appears on the right below 'Current Search'. You can then filter by FACET or category of content to narrow your results.

The Apache Solr index also indexes uploaded files such as pdfs. You will see the link to the file matching your search query for direct download.

Note, some content is restricted such as the location information around archaeological sites. You will see an Access Denied message for these content type that you do not have permission to view.
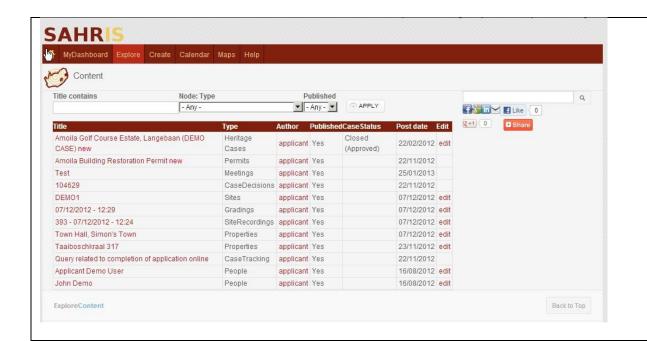
Once you have chosen a FACET, you can keep searching within that content type – remember to check the 'Retain Current Filters' option to do so.

You can also sort by Title, Type, Author or Date using the Sort By options and the currently selected facet chosen is shown below Current Search.
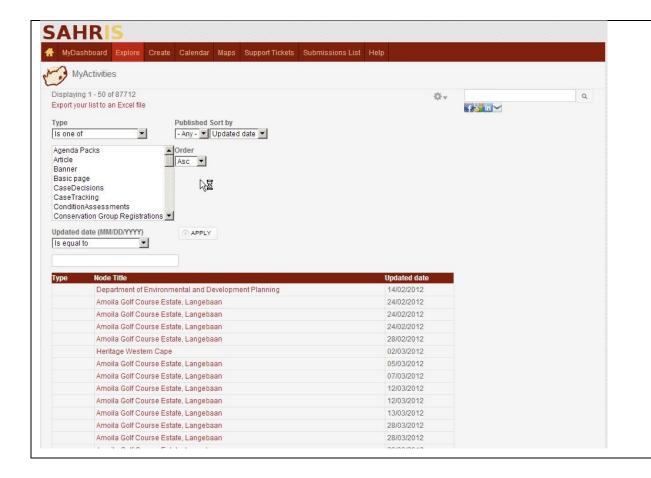
This is a view of My Content.

This is an extremely useful view as the current user logged in can pick out any content created by them here. It often happens that users are creating heritage cases on behalf of someone else or they forget to add their names to the Applicant or Consultant fields. When this happens their case will not link to their dashboard and the best way to find their case is then via My Content.

There are also quick links to edit content on the right – such as correcting the details for a person's address rather than navigating to this information via the case itself.

This is a view of My Activities or My Revisions.
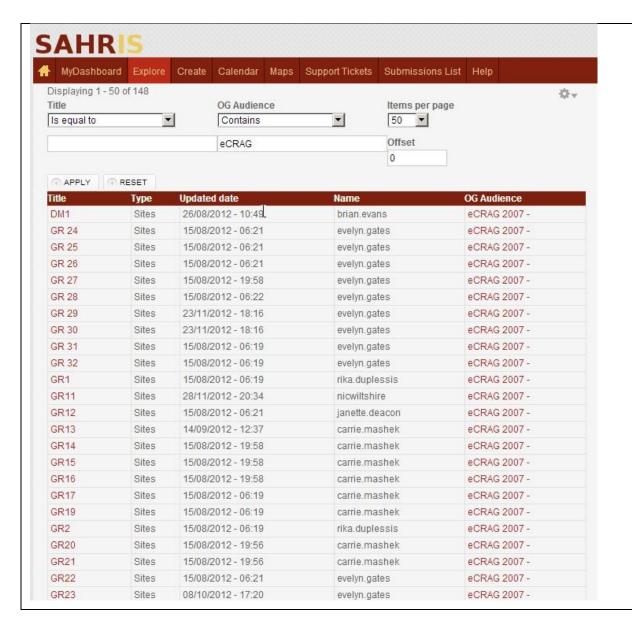
This view is currently only enabled for site recorders and heritage officers.

Many users are not the primary authors of content on SAHRIS and spend most of their time editing other authors' content. This is typical of the sites database for instance. For museums, this is also very relevant as it shows all the updates carried out to the object records in your museum.

This report is often used for Performance Reporting.

This is a view of My Group Content.
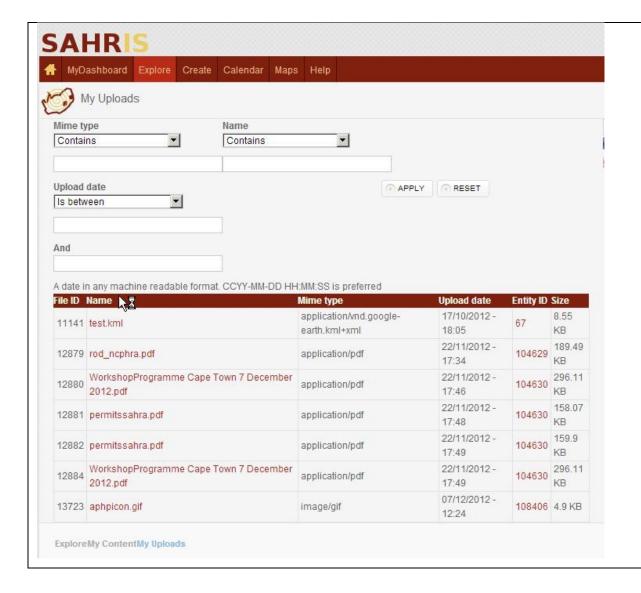
My Group Content shows all the content to which the currently logged in user has access to which are stored in Organic Groups. Organic Groups can be set to public or private per node on SAHRIS and this is entirely managed by the groups themselves rather than the system administrator.

We typically use Organic Groups for managing archaeological and palaeontological site locations, shipwrecks and graves. Only declared sites and most buildings are set to public access. Over time, the owners of each property in the country will have his or her own Organic Group which will be a subgroup of the main recording team identifying the sites (eg The University of Cape Town).
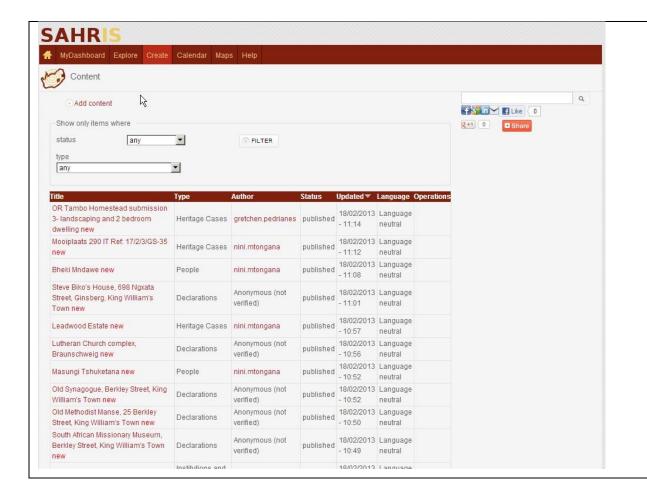
The My Uploads View.

My Uploads shows all the files uploaded by the currently logged in user. For instance, all images can be filtered by enter jpg or jpeg in the Mime Filter. The user can then download all the full resolution images they uploaded to SAHRIS.

In all other areas of SAHRIS the current user and other users do not have the user permissions to download the original images as they are served up with the Lightbox filter that restricts access to 800x600 pixel versions of their images. Users who would like to use the full resolution images of other users must contact the author of the image directly for permission, or use the resized version with the correct citations as per the CCBYSA license.
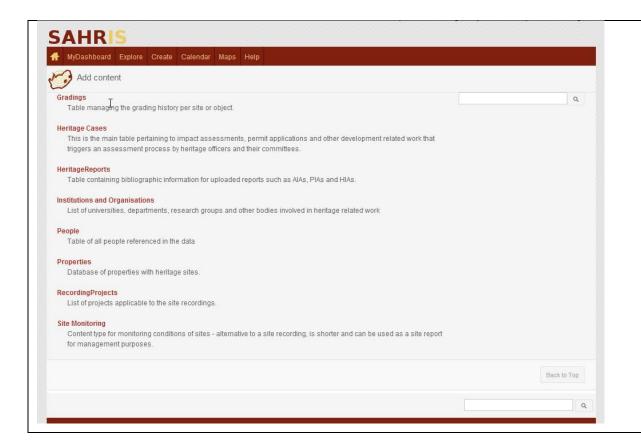
The Content Manager.

The Content Manager shows all incoming content posted to SAHRIS as it happens. It is an alternative to using My Content if the username you are trying to locate is not yours for a particular post or node.

There is also the Add Content link on this page which takes you to the Add Content page showing all the content types to which you have permissions to add records.
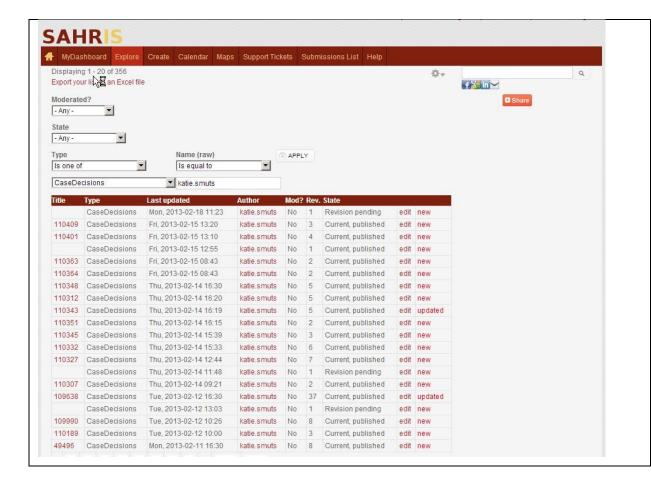
SAHRIS

MyDashboard Explore Create Calendar Maps Help

Add content

Gradings
Table managing the grading history per site or object.

Heritage Cases
This is the main table pertaining to impact assessments, permit applications and other development related work that triggers an assessment process by heritage officers and their committees.

HeritageReports
Table containing bibliographic information for uploaded reports such as AIAs, PIAs and HIAs.

Institutions and Organisations
List of universities, departments, research groups and other bodies involved in heritage related work

People
Table of all people referenced in the data

Properties
Database of properties with heritage sites.

RecordingProjects
List of projects applicable to the site recordings.

Site Monitoring
Content type for monitoring conditions of sites - alternative to a site recording, is shorter and can be used as a site report for management purposes.

Back to Top

The Add Content page is accessed via Content Manager.

This page is useful for adding content to SAHRIS without going through other, possibly longer routes. For instance, to add a new person to the profile list (not your own profile) you can navigate to this page and click on People to add a new record without going to a heritage case first.
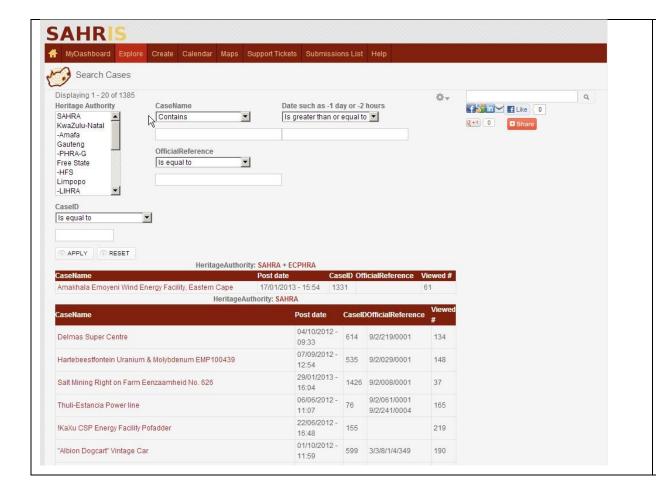
This is the Content Summary page.

The Content Summary page is available to heritage officers and is primarily used to generate monthly or quarterly reports. The case officer username is entered under Name, followed by a choice of content type. The total number of matches is displayed at the top with an option to export to Excel.
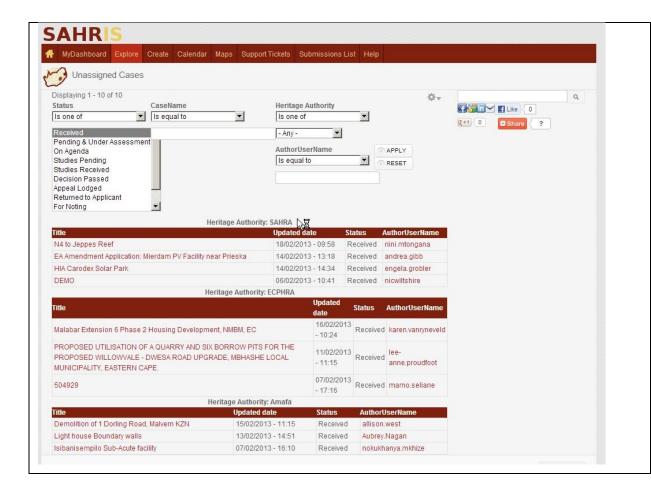
The Cases view.

The fastest way to find a case on SAHRIS is via the CASEID. Each case has an automatically generated caseid which cannot be altered by the users for security and transparency.

In this view, cases are sorted and grouped by heritage authority – SAHRIS allows one case to be handled by multiple heritage authorities to automate the process for the applicant and the heritage officers.

The Unassigned Cases View.
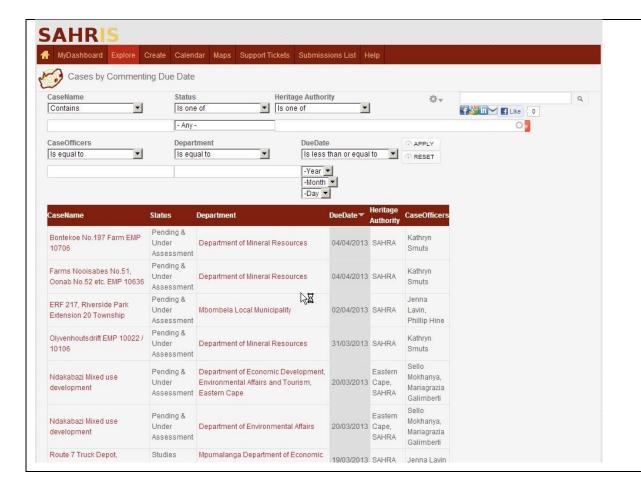
This view is used mainly by managers on SAHRIS who allocate the incoming cases to their heritage officers. All cases where the status is RECEIVED (this is the default case status) and where there is no case officer under ADMIN, are shown here.

To assign a case simply edit the case, go to ADMIN, enter the case officer's name in the case officer field, and change the status of the case to PENDING & UNDER ASSESSMENT.

These cases are cleared daily by heritage officers on SAHRIS and an Applications Process Guide (currently being finalised and will be linked to this on SAHRIS*) provides more information and timelines on how cases are processed.
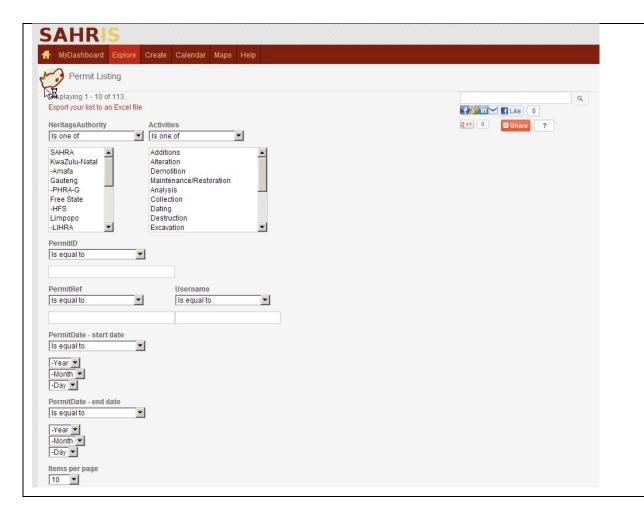
View of Cases by Commenting Date.

This view is also only available to heritage officers. The purpose of this report is to filter cases where Other References have been filled in according to a commenting due date, typical of the NEMA process.

View of Permit Listing report.

The Permit listing report shows all permits processed by the heritage authorities on SAHRIS. This is a very useful view for querying permits by activity – eg additions and alterations, demolitions, excavations and so forth. You can also export a list to Excel or query permits issued between certain date ranges.
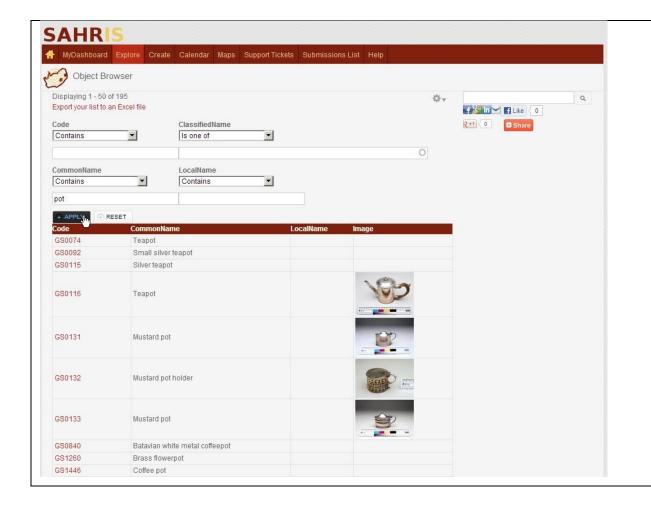
10

Offset

0

APPLY

PermitIDPermitRef		PermitHolder	PermitTo	Activities	PermitDate
192	Filming at Swartkrans, Gauteng Province - Department of Tourism	Thabo Manetsi		Use equipment on site	13/02/2013 to 31/03/2014
190	Sterkfontein South African Tourism	Marco Santos			06/02/2013
189	Thaba Nkulu	Michael Lewis Naylor, MH Alex Schoeman		Excavation	15/02/2013 to 29/02/2016
189	Thaba Nkulu	Michael Lewis Naylor, MH Alex Schoeman		Excavation	15/02/2013 to 29/02/2016
188	Temporary Export Permit for SA War Khaki Tunic	Diana Wall	Smithsonian national Museum of African Art	Export (Temporary)	30/01/2013 to 28/02/2014
186	Muzzle Loader, Black Powder, Flintlock Action	James Euan Cormack-Thomson	James Euan Cormack-Thomson	Export (Permanent)	30/01/2013 to 30/01/2016
184	Muzzle Loader	James Euan Cormack-Thomson	James Euan Cormack-Thomson	Export (Permanent)	28/01/2013 to 28/02/2013
183	Muzzle Loader	James Euan Cormack-Thomson	James Euan Cormack-Thomson	Export (Permanent)	28/01/2013 to 28/02/2013
182	Muzzle Loader	James Euan Cormack-Thomson	James Euan Cormack-Thomson	Export (Permanent)	28/01/2013 to 28/01/2016
181	Destruction_ Tower 167	Trevor O'Donoghue		Destruction	25/01/2013 to 31/01/2014

View of Permit Listing report continued showing the list of permits issued and their relevant expiry dates.

The Objects listing.
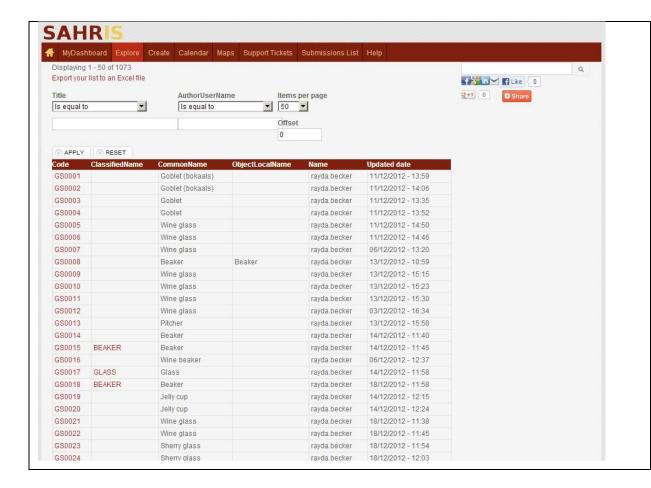
The default view of heritage objects on SAHRIS shows all content where the Organic Group has been set to Public or where the current user has membership of the Organic Group. This allows for inter-museum queries across collections.

The thumbnail image is the first image pulled from the object record – this can be changed by moving another image to the top of the list under the EDIT view of the object. To view the 800x600px version of the image, click on it.

The exposed operators can be used to filter out objects from other institutions – eg Groote Schuur codes start with GS.

SAHRIS

Displaying 1 - 50 of 1073
Export your list to an Excel file

Code	ClassifiedName	CommonName	ObjectLocalName	Name	Updated date
GS0001		Goblet (bokaals)		rayda.becker	11/12/2012 - 13:59
GS0002		Goblet (bokaals)		rayda.becker	11/12/2012 - 14:06
GS0003		Goblet		rayda.becker	11/12/2012 - 13:35
GS0004		Goblet		rayda.becker	11/12/2012 - 13:52
GS0005		Wine glass		rayda.becker	11/12/2012 - 14:50
GS0006		Wine glass		rayda.becker	11/12/2012 - 14:46
GS0007		Wine glass		rayda.becker	06/12/2012 - 13:20
GS0008		Beaker	Beaker	rayda.becker	13/12/2012 - 10:59
GS0009		Wine glass		rayda.becker	13/12/2012 - 15:15
GS0010		Wine glass		rayda.becker	13/12/2012 - 15:23
GS0011		Wine glass		rayda.becker	13/12/2012 - 15:30
GS0012		Wine glass		rayda.becker	03/12/2012 - 16:34
GS0013		Pitcher		rayda.becker	13/12/2012 - 15:58
GS0014		Beaker		rayda.becker	14/12/2012 - 11:40
GS0015	BEAKER	Beaker		rayda.becker	14/12/2012 - 11:46
GS0016		Wine beaker		rayda.becker	06/12/2012 - 12:37
GS0017	GLASS	Glass		rayda.becker	14/12/2012 - 11:58
GS0018	BEAKER	Beaker		rayda.becker	18/12/2012 - 11:58
GS0019		Jelly cup		rayda.becker	14/12/2012 - 12:15
GS0020		Jelly cup		rayda.becker	14/12/2012 - 12:24
GS0021		Wine glass		rayda.becker	18/12/2012 - 11:38
GS0022		Wine glass		rayda.becker	18/12/2012 - 11:45
GS0023		Sherry glass		rayda.becker	18/12/2012 - 11:54
GS0024		Sherry glass		rayda.becker	18/12/2012 - 12:03

View of OG Group Objects.

The Organic Group Objects listing shows only objects belonging to the OG groups of the logged in user. This is the default view to go to for museum curators working within their own collection. It can even restrict users within a museum to their own department.

The updated date has been added here to show the user when the last revision was made – a typical question when updating masses of records.

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Object Movements Log

Displaying 1 - 50 of 1110

Export your list to an Excel file

MovementID
Is equal to

MovementType
Is one of

InOutType
Is one of

MovementDate
Is equal to

-Year
-Month
-Day

LocationCode
Is equal to

Person/Institution
Is equal to

APPLY   RESET

MovementID	MovementDate	MovementType	LocationCode	Groups audience
1114	04/12/2012 - 11:57	Setup	GS-S001	Groote Schuur Estate
1113	04/12/2012 - 11:56	Setup	GS-H001	Groote Schuur Estate
1112	04/12/2012 - 11:54	Setup	GS-MDR001	Groote Schuur Estate
1104	04/12/2012 - 02:00	Setup	GS-B003	Groote Schuur Estate
1105	04/12/2012 - 02:00	Setup	GS-B002	Groote Schuur Estate
1106	04/12/2012 - 02:00	Setup	GS-PB001	Groote Schuur Estate
1107	04/12/2012 - 02:00	Setup	GS-B006	Groote Schuur Estate
1108	04/12/2012 - 02:00	Setup	GS-BR001	Groote Schuur Estate
1109	04/12/2012 - 02:00	Setup	GS-SFF017	Groote Schuur Estate
1110	04/12/2012 - 02:00	Setup	GS-EH001	Groote Schuur Estate
1111	04/12/2012 - 02:00	Setup	GS-MDR001	Groote Schuur Estate
1069	04/12/2012 - 02:00	Setup	GS-L001	Groote Schuur Estate

The Object Movements Register.

The Object Movements Register or Log allows curators with the correct permissions to view the movements of objects. Object Movements are strictly handled in Organic Groups and are always set to PRIVATE. It is of no research concern to general users to know about the actual locations of objects within a museum and is a management feature only available to users with the curator role.

View of the Scanned Files Archive.
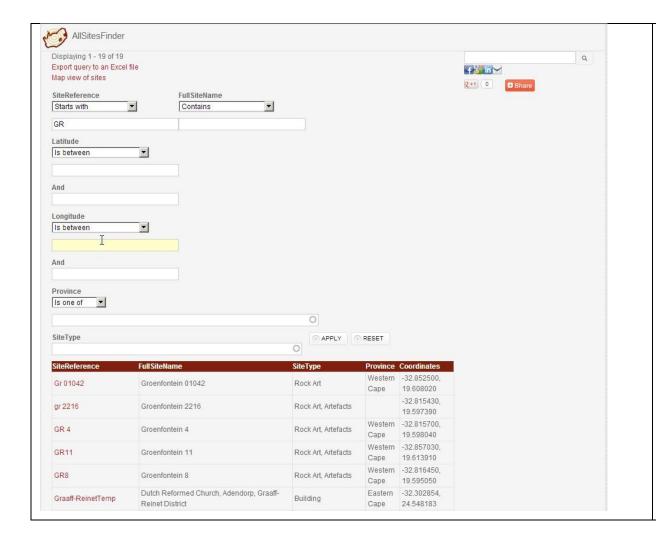
This listing is a temporary mechanism to allow for the rapid digitisation of files in the various registries across the country. It shows the latest uploaded files by file number and the Apache index includes them in the index if they have been OCRed.

The second phase of the digitisation projects will be to extract the contents of these files, online, into the various content types on SAHRIS and then to check the YES flag indicating that the files are processed.

Since these files are served up online, we are able to leverage volunteer assistance from across the country in the much bigger task of organising the data into SAHRIS correctly.

AllSitesFinder

Displaying 1 - 19 of 19
Export query to an Excel file
Map view of sites

SiteReference		FullSiteName	
Starts with	▼	Contains	▼
GR			

Latitude
Is between	▼

And

Longitude
Is between	▼

And

Province
| Is one of | ▼ |

SiteType

APPLY   RESET

SiteReference	FullSiteName	SiteType	Province	Coordinates
Gr 01042	Groenfontein 01042	Rock Art	Western Cape	-32.852500, 19.608020
gr 2216	Groenfontein 2216	Rock Art, Artefacts		-32.815430, 19.597390
GR 4	Groenfontein 4	Rock Art, Artefacts	Western Cape	-32.815700, 19.598040
GR11	Groenfontein 11	Rock Art, Artefacts	Western Cape	-32.857030, 19.613910
GR8	Groenfontein 8	Rock Art, Artefacts	Western Cape	-32.816450, 19.595050
Graaff-ReinetTemp	Dutch Reformed Church, Adendorp, Graaff-Reinet District	Building	Eastern Cape	-32.302854, 24.548183

View of Sites

The Sites option (called AllSitesFinder) shows all the sites the logged in user has rights to view. Some sites reside in Organic Groups, others are open declared sites or graded sites.

There are filters which not only allow queries targeting the site references or fullsitename, but also the Latitude Longitude ranges. For negative coordinates in the southern hemisphere (the Latitude is always negative in South Africa), remember to enter the furtherst North coordinate first. Imagine a box on a map – your coordinates will return all the results falling within the box bounded by your coordinate ranges.
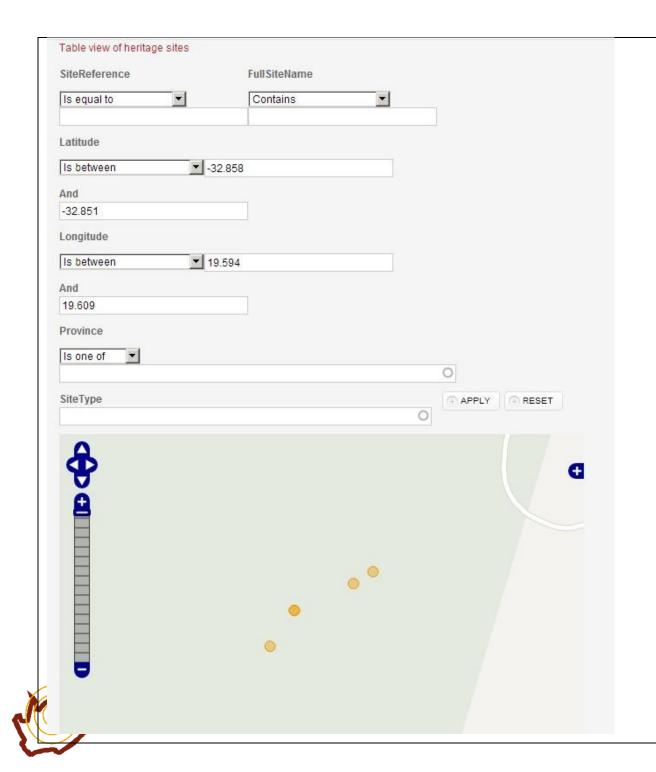
This insert shows an example of a query for a site starting with GR and bounded by a certain coordinate range. You may also choose to search for sites between two longitudes only or two latitudes or all sites greater than a certain lat or long.

Table view of heritage sites

SiteReference | FullSiteName
Is equal to ▼ | Contains ▼

Latitude
Is between ▼ | -32.858

And
-32.851

Longitude
Is between ▼ | 19.594

And
19.609

Province
Is one of ▼
○

SiteType
○

⊕ APPLY   ⊕ RESET
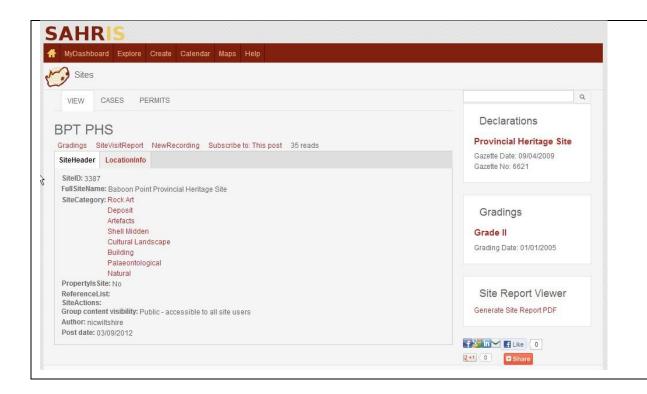
This is the map view of the Sites report.

The map view is available as a hyperlink at the top when viewing the Table View of sites. You can navigate back to the table by clicking on the hyperlink shown at the top left when in Map mode.

This allows for online inquiries using the integrated GIS system and is typically performed for research or for impact assessments on a particular farm or property. The dots are clickable and take you to the site record. The usual map options are available on the right by opening the + sign.
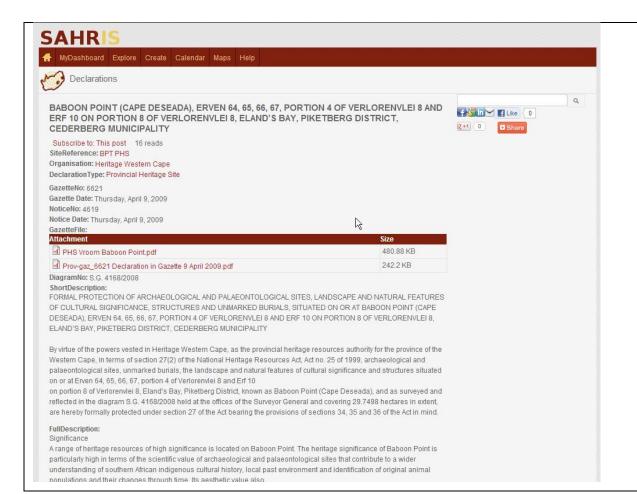
This is a view of a typical site which has been declared. Unfortunately no images or a site recording have been created for it yet but the declaration and grading history is available on the right. These blocks appear when a record has been created from the list of hyperlinks just below the site name, here BPT PHS. Some of these content types are only available to case officers but the public is allowed to create sites, NewRecordings, subscriptions and gradings. A block for the Site Report in PDF format is also available when a primary site record has been captured.

SAHRIS

MyDashboard Explore Create Calendar Maps Help

Declarations

BABOON POINT (CAPE DESEADA), ERVEN 64, 65, 66, 67, PORTION 4 OF VERLORENVLEI 8 AND ERF 10 ON PORTION 8 OF VERLORENVLEI 8, ELAND'S BAY, PIKETBERG DISTRICT, CEDERBERG MUNICIPALITY

Subscribe to: This post   16 reads
SiteReference: BPT PHS
Organisation: Heritage Western Cape
DeclarationType: Provincial Heritage Site

GazetteNo: 6621
Gazette Date: Thursday, April 9, 2009
NoticeNo: 4619
Notice Date: Thursday, April 9, 2009
GazetteFile:

Attachment	Size
PHS Vroom Baboon Point.pdf	480.88 KB
Prov-gaz_6621 Declaration in Gazette 9 April 2009.pdf	242.2 KB

DiagramNo: S.G. 4168/2008
ShortDescription:
FORMAL PROTECTION OF ARCHAEOLOGICAL AND PALAEONTOLOGICAL SITES, LANDSCAPE AND NATURAL FEATURES OF CULTURAL SIGNIFICANCE, STRUCTURES AND UNMARKED BURIALS, SITUATED ON OR AT BABOON POINT (CAPE DESEADA), ERVEN 64, 65, 66, 67, PORTION 4 OF VERLORENVLEI 8 AND ERF 10 ON PORTION 8 OF VERLORENVLEI 8, ELAND'S BAY, PIKETBERG DISTRICT, CEDERBERG MUNICIPALITY

By virtue of the powers vested in Heritage Western Cape, as the provincial heritage resources authority for the province of the Western Cape, in terms of section 27(2) of the National Heritage Resources Act, Act no. 25 of 1999, archaeological and palaeontological sites, unmarked burials, the landscape and natural features of cultural significance and structures situated on or at Erven 64, 65, 66, 67, portion 4 of Verlorenvlei 8 and Erf 10
on portion 8 of Verlorenvlei 8, Eland's Bay, Piketberg District, known as Baboon Point (Cape Deseada), and as surveyed and reflected in the diagram S.G. 4168/2008 held at the offices of the Surveyor General and covering 29.7498 hectares in extent, are hereby formally protected under section 27 of the Act bearing the provisions of sections 34, 35 and 36 of the Act in mind.

FullDescription:
Significance
A range of heritage resources of high significance is located on Baboon Point. The heritage significance of Baboon Point is particularly high in terms of the scientific value of archaeological and palaeontological sites that contribute to a wider understanding of southern African indigenous cultural history, local past environment and identification of original animal populations and their changes through time. Its aesthetic value also

This is a view of the Declaration for the above site. The PDF of the Gazette Notice is uploaded here along with the descriptions on the gazette describing the site, when it was declared, who declared it and what level of declaration was made. Users can hyperlink back to the site by clicking on the SiteReference url below the title of the declaration.
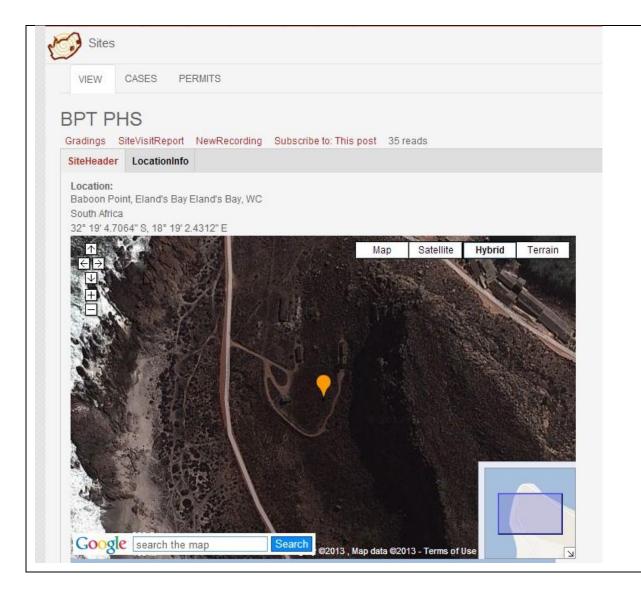
This is a view of the Gradings linked to the above site. In both the declarations and gradings content types you may have a one to many relationship between the site and the gradings/declarations. This is what happens in reality since declarations may be withdrawn, reproclaimed in terms of another piece of legislation (eg the NMC Act to the NHRA) or for other reasons.

If there are multiple gradings or declarations you will see a pager at the bottom of the block on the site page indicating 1 of ... etc. The last grading or declaration to take place always takes precedence and heritage authorities are obliged to assess the gradings suggested by members of the public for final approval.
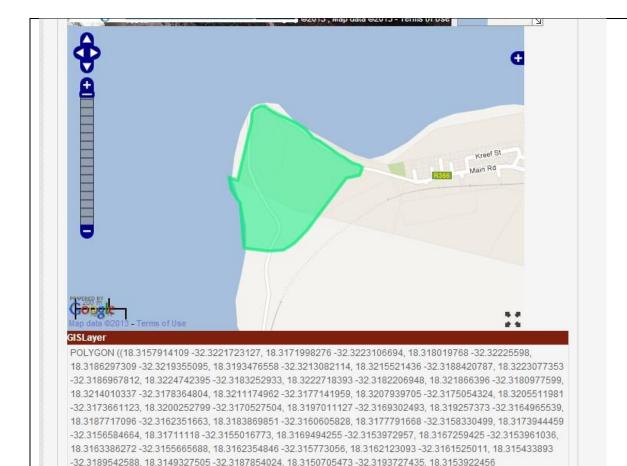
This is a view of the map linked to a site. This map shows the point or latitutde/longitude format for the site. It is created using the GMAP module on SAHRIS which has a very easy way of finding urbanised sites by address.

This is the default way of recording a location but more detailed mapping options are available under the EDIT view of a site on the DETAILED MAPPED tab using Openlayers.

GISLayer

POLYGON ((18.3157914109 -32.3221723127, 18.3171998276 -32.3223106694, 18.318019768 -32.32225598, 18.3186297309 -32.3219355095, 18.3193476558 -32.3213082114, 18.3215521436 -32.3188420787, 18.3223077353 -32.3186967812, 18.3224742395 -32.3183252933, 18.3222718393 -32.3182206948, 18.321866396 -32.3180977599, 18.3214010337 -32.3178364804, 18.3211174962 -32.3177141959, 18.3207939705 -32.3175054324, 18.3205511981 -32.3173661123, 18.3200252799 -32.3170527504, 18.3197011127 -32.3169302493, 18.319257373 -32.3164965539, 18.3187717096 -32.3162351663, 18.3183869851 -32.3160605828, 18.3177791668 -32.3158330499, 18.3173944459 -32.3156584664, 18.31711118 -32.3155016773, 18.3169494255 -32.3153972957, 18.3167259425 -32.3153961036, 18.3163386272 -32.3155665688, 18.3162354846 -32.315773056, 18.3162123093 -32.3161525011, 18.315433893 -32.3189542588, 18.3149327505 -32.3187854024, 18.3150705473 -32.3193727435, 18.3153922456 -32.3198230408, 18.3155738038 -32.3199965406, 18.3157914109 -32.3221723127, 18.3157914109 -32.3221723127))

This is a view of the Openlayers version of the site described above. Here a polygon enclosing the PHS has been created by feeding in a KML file directly to SAHRIS. The KML file is encoded into the Well Known Text Format (WKT) used by Openlayers when saving the site after uploading the kml. Note only kml files work – shapefiles and KMZ files must be converted to kml before upload to SAHRIS using Google Earth or other GIS software.
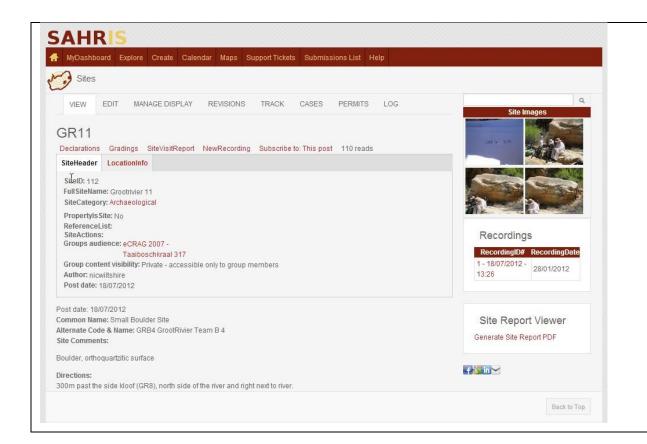
One can also enter the WKT string directly if you know how to – use another site as a guide or follow the tutorials on SAHRIS.

The default way to map detailed sites is via the normal drawing tools which will described under the Case section in this document.
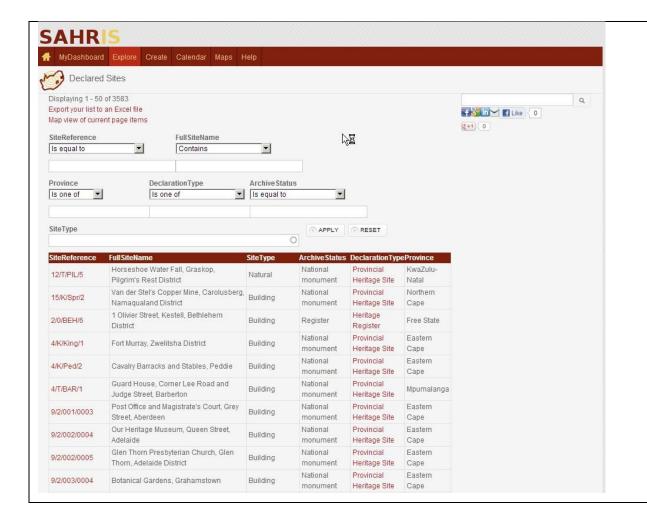
This is a view of a complete archaeological site with images.

These images are being pulled from the primary site recording.

Note you may have many different site recordings for the same site but whichever one has been set to Primary will push it's general data to the Block views on the site.
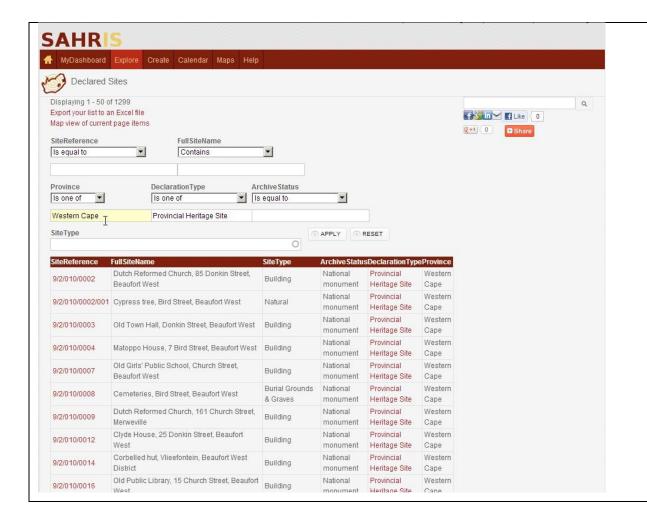
This is a view of Declared Sites.

The declared sites option currently numbers just over 3500. It is a legacy database which originated with the National Monuments Council and was formerly maintained on a Microsoft Access database. Unfortunately the mapping is still highly inaccurate as there was no integrated GIS system before SAHRIS.

This is quickly changing however, as users from the National Inventory and collaborating PHRAs are correcting the information and refining the accuracy of the information.
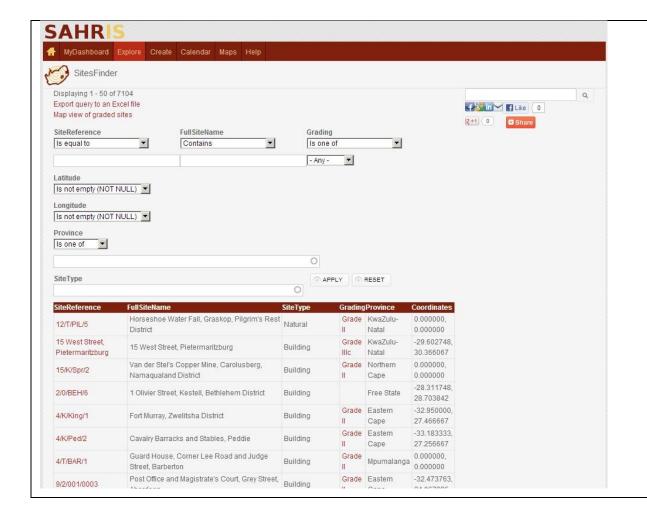
This is a view of the Declared Sites listing with some filters applied – Western Cape for the Province, Provincial Heritage Site for the Declaration Type. You will notice the query changes the number of returned results to 1299.
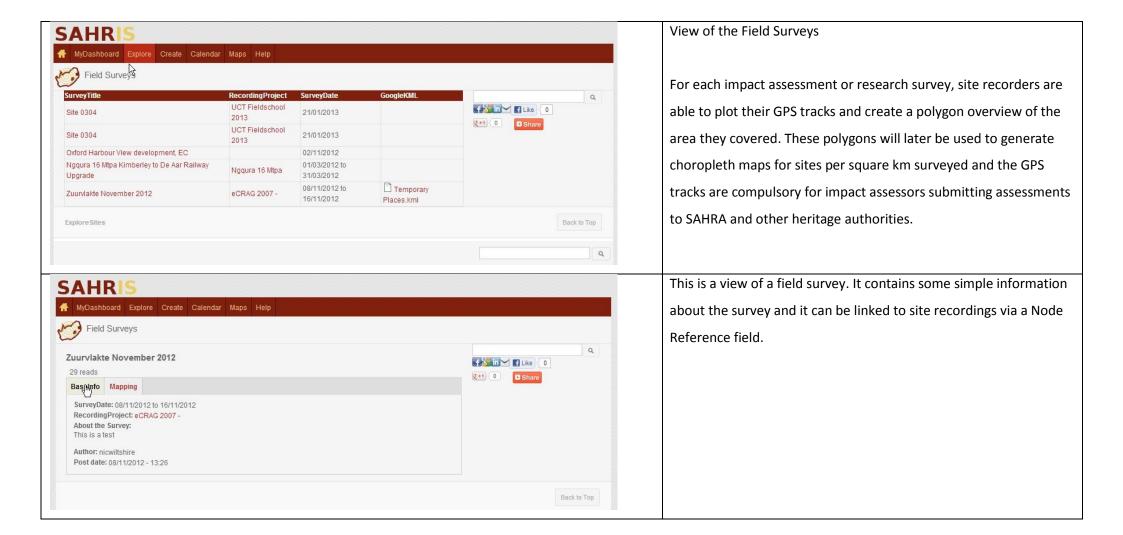
View of the Graded Sites listing.

The Graded sites listing is closely linked with the declared sites listing at the moment. As each declaration implies a grading level of either I or II, they all have an associated Grading record. This view is used by users who would like to download the GPS coordinates of open sites in their area and the coordinates column has been provided for this purpose.

An additional 3000 sites were added by Amafa for Grade III and ungraded sites and these are also available on this list.

View of the Field Surveys

For each impact assessment or research survey, site recorders are able to plot their GPS tracks and create a polygon overview of the area they covered. These polygons will later be used to generate choropleth maps for sites per square km surveyed and the GPS tracks are compulsory for impact assessors submitting assessments to SAHRA and other heritage authorities.

This is a view of a field survey. It contains some simple information about the survey and it can be linked to site recordings via a Node Reference field.

SAHRIS

MyDashboard | Explore | Create | Calendar | Maps | Help

Field Surveys

Zuurvlakte November 2012

29 reads

BaseInfo | Mapping

GoogleKML:

Attachment	Size
Temporary Places.kml	30.5 KB

This is a view of the map created for a field survey. Note the GPS track lines have been enclosed by the user with a pink polygon showing the area that has been covered with a high degree of certainty (for the type of sites which were being surveyed).
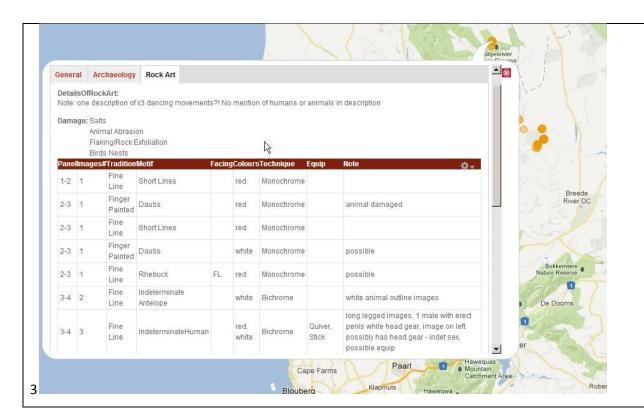
The Sites with Full Popups view.

This menu option is available to site recorders. The points on the map are currently drawn from the site recording content type – not the site content type, so that the associated recordings can be themed in the popups. It is important to note the difference between a SITE and a Site Record.

This kind of view has great potential for displaying attractive thematic maps for declared sites, heritage tourism or for other research purposes as the fields are highly customisable.
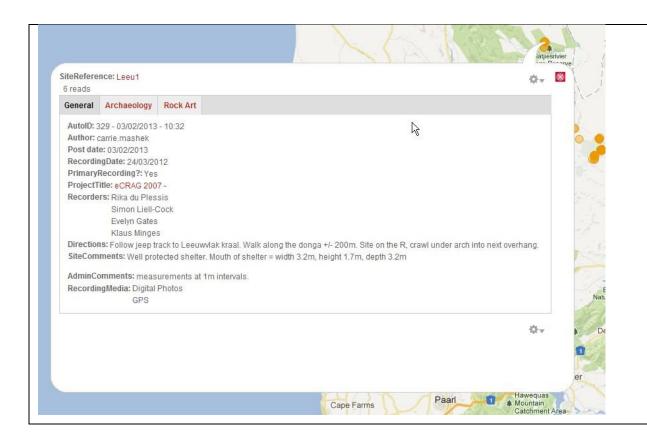
This is a view of the Rock Art motif listing for this site – viewed directly from the popup of the site record.

Panel	Images#	Tradition	Motif	Facing	Colours	Technique	Equip	Note
1-2	1	Fine Line	Short Lines		red	Monochrome		
2-3	1	Finger Painted	Daubs		red	Monochrome		animal damaged
2-3	1	Fine Line	Short Lines		red	Monochrome		
2-3	1	Finger Painted	Daubs		white	Monochrome		possible
2-3	1	Fine Line	Rhebuck	FL	red	Monochrome		possible
3-4	2	Fine Line	Indeterminate Antelope		white	Bichrome		white animal outline images
3-4	3	Fine Line	IndeterminateHuman		red, white	Bichrome	Quiver, Stick	long legged images, 1 male with erect penis white head gear, image on left possibly has head gear - indet sex, possible equip

DetailsOfRockArt:
Note: one description of x3 dancing movements?! No mention of humans or animals in description

Damage: Salts
Animal Abrasion
Flaking/Rock Exfoliation
Birds Nests

3

SiteReference: Leeu1
6 reads

General | Archaeology | Rock Art

AutoID: 329 - 03/02/2013 - 10:32
Author: carrie.mashek
Post date: 03/02/2013
RecordingDate: 24/03/2012
PrimaryRecording?: Yes
ProjectTitle: eCRAG 2007 -
Recorders: Rika du Plessis
            Simon Liell-Cock
            Evelyn Gates
            Klaus Minges
Directions: Follow jeep track to Leeuwvlak kraal. Walk along the donga +/- 200m. Site on the R, crawl under arch into next overhang.
SiteComments: Well protected shelter. Mouth of shelter = width 3.2m, height 1.7m, depth 3.2m

AdminComments: measurements at 1m intervals.
RecordingMedia: Digital Photos
                GPS

This is a view of the General information described in the site record while in fullscreen map mode.
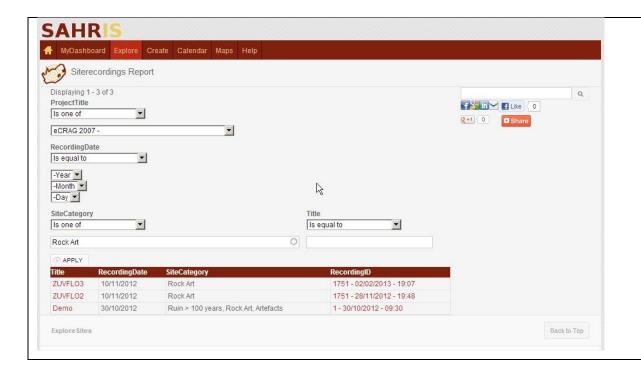
All the images for the site recording can also be viewed directly in the popup.
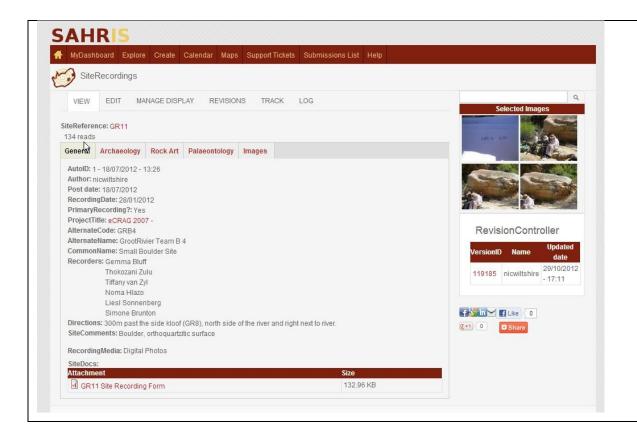
The Site Recordings Report is used by site recorders who are filtering out records for their recording group.
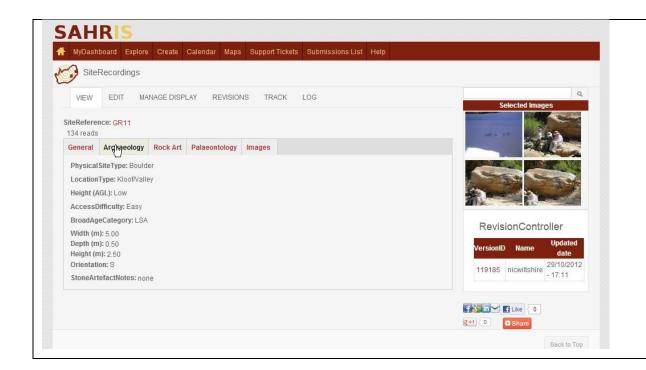
This is a view of a completed Site Record showing the downloadable pdf which was scanned to the site along with images and various tabs covering the type of site information entered for this recording.
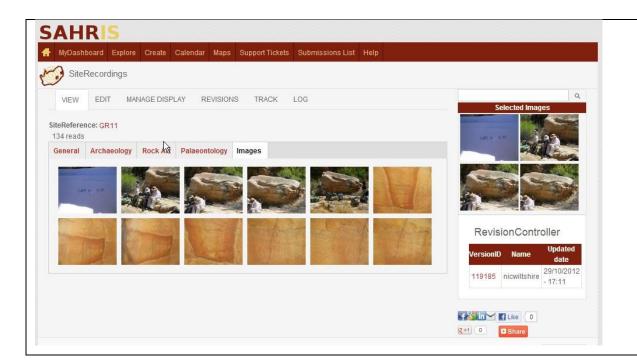
Under the Archaeology tab, most of the fields familiar to archaeologists appear. If this was a recording of a building, the Structures tab would have appeared showing architect, style of building, previous uses and so forth.

There is currently a lot of development taking place on the site recording content type to balance the number of fields with a standardised input area vs speed issues as the number of fields increases. We will more than likely have to split certain types of recordings into different site recording types.
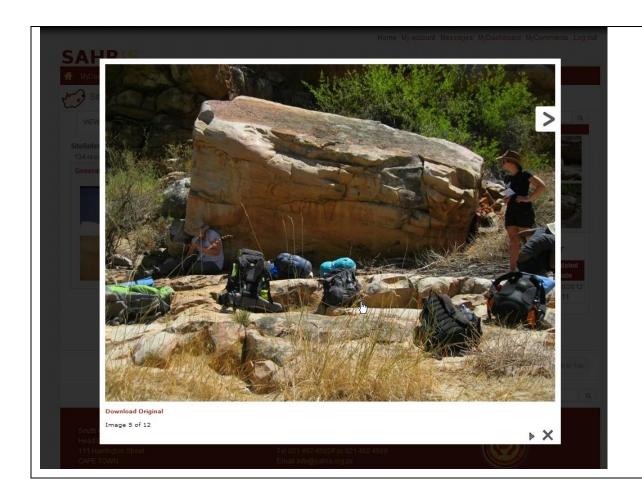
This is a view of the image listing attached to the site recording.

Click on each image to see the Lightbox view of the images.
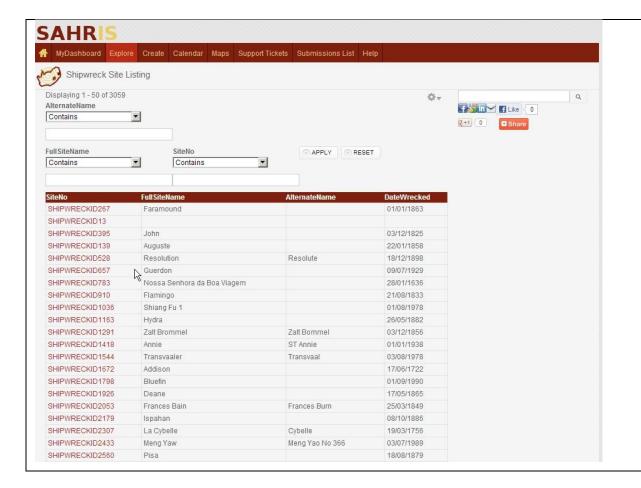
View of the Lightbox view of an image. Note the Download Original link is not available to non-admin users – remember to go to My Uploads to download the full versions of your images.
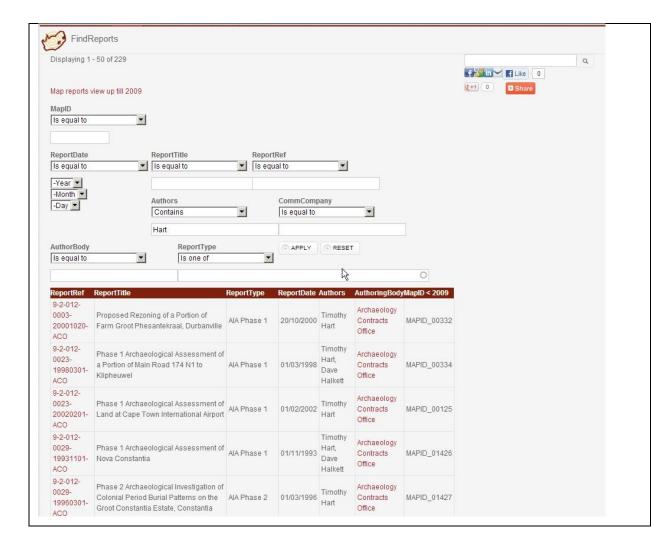
View of the Shipwreck Site Listing.

This option is only available to certain users who maintain data on shipwrecks. The sites are all stored in the SAHRA Maritime Unit Organic Group to protect the locations of these sites. The site recordings are all public and they detail most of the interesting research worthy information without giving away the mapping of these sites.

The Reports Menu.

The Reports view shows all the heritage reports, mainly from impact assessments. These reports currently date back to the 1980s and come from current cases on SAHRIS or from the reports archive which was uploaded to SAHRIS in 2012. You can filter reports by author, date, company, type and so forth. To view the report, click on the title hyperlink. Note some reports do not have copies of the scanned PDF as they did not pull through on the import in a few cases – the current digitisation project will eliminate this problem at some point in the future.
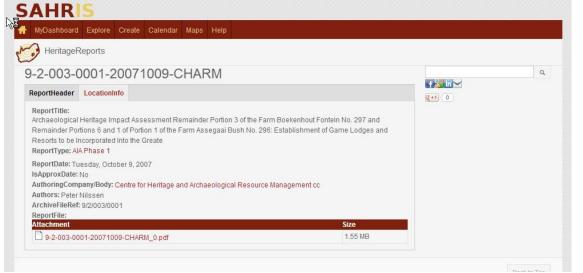
This is a view of a relatively recent heritage report which was uploaded to a case on SAHRIS after it went live in May 2012. Note the case reference on the right. These reports are NOT mapped as the mapping occurs in the heritage case.
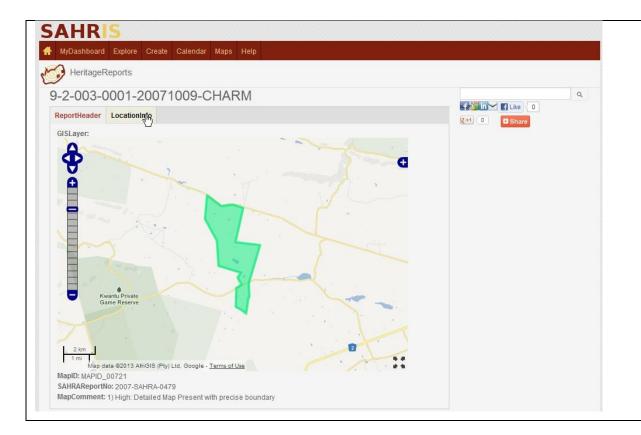
The full report is available for download in terms of PAIA.

This is a view of a report which was uploaded with a MAPID reference and predates SAHRIS. All of these reports from the 1980s are mainly Archaeological and Palaeontological Impact Assessments and have been mapped on GIS. Their associated map nodes are seen under LocationInfo and they link to a shapefile served up on our Geoserver which is available all over SAHRIS as a layer called SAHRA Reports < 2009.

SAHRIS

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HeritageReports

9-2-003-0001-20071009-CHARM

ReportHeader | LocationInfo

GISLayer:

2 km
1 mi

Map data ©2013 AfriGIS (Pty) Ltd, Google - Terms of Use

MapID: MAPID_00721
SAHRAReportNo: 2007-SAHRA-0479
MapComment: 1) High: Detailed Map Present with precise boundary
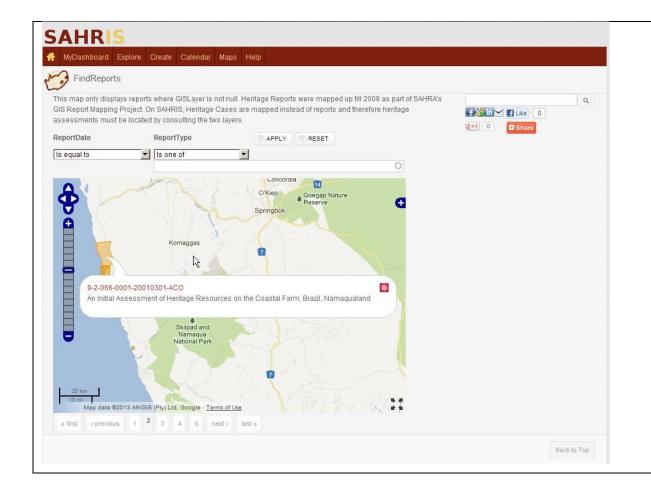
This is a view of the map of an old heritage report which did not enter SAHRIS as a case.

The hyperlink in Reports to Map View takes you to this page. It shows a map with clickable orange polygons filtered to your query – in other words you can view all the reports authored by person X on GIS for instance.

Note we limit the query to 50 GIS results per page for these kinds of inquiries as it is memory intensive.
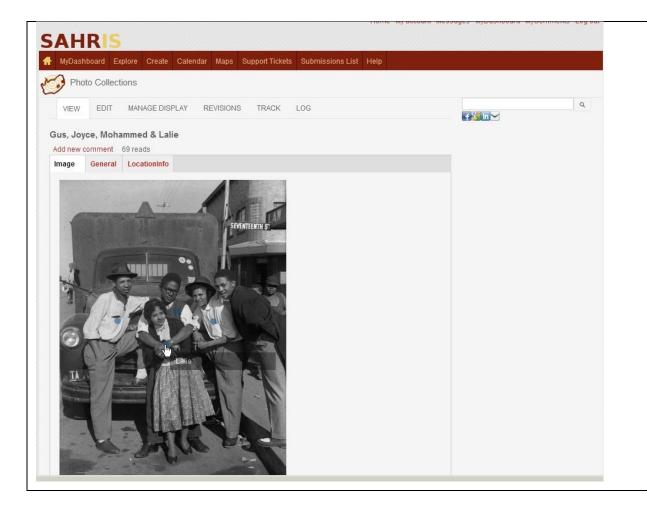
View of the Photo Collections list.

This is very much a work in progress content type. The idea is to load old photographs on SAHRIS of people, streetscapes and so forth which aren't necessarily best stored as a site or landscape. These photos can be tagged on the photos directly with blue markers indicating the names of people or buildings or other features.
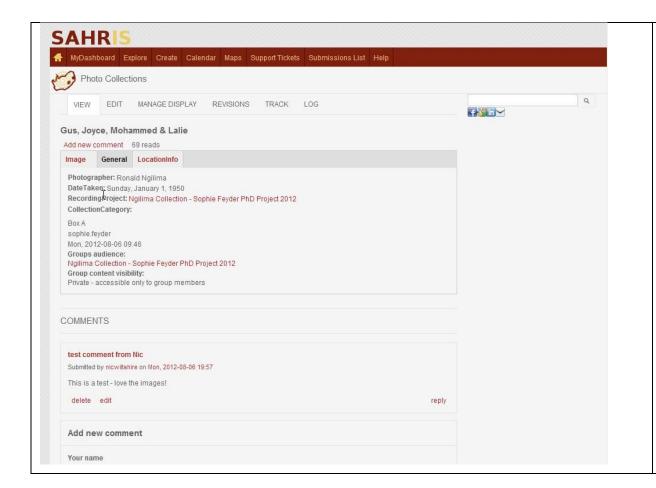
This is a view of the photograph listed above from the Ngilima Collection. The blue markers show the names of the people in the photo. Move your mouse over the markers to view the names.
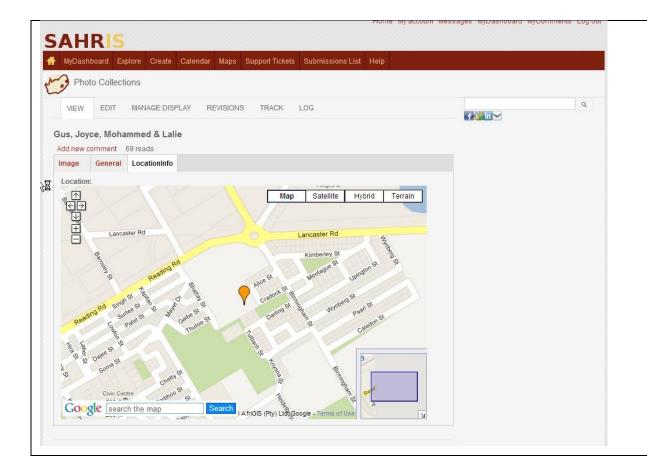
This is a view of the photo record. It has general information about the collection, the photographer, the author and allows for comments to be controlled by the uploader.
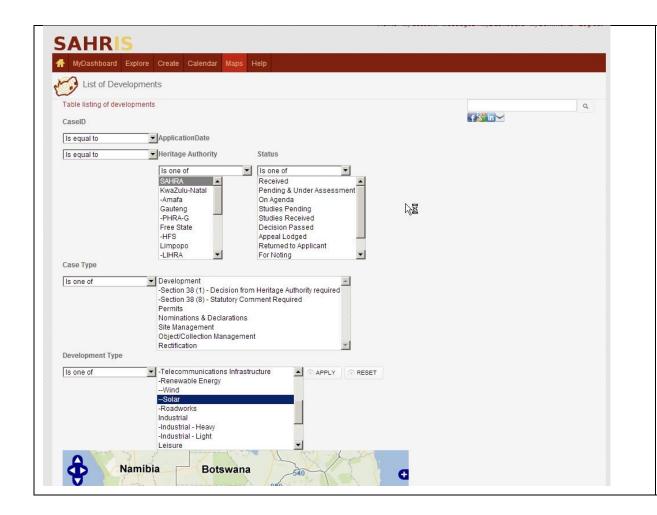
This is a map showing the location of where the photograph was taken. The Ngilima Collection is an interesting example of photographs of places which were demolished during the forced removals in Benoni – these places do not exist anymore but they can still be mapped and allow users to recreate the neighbourhoods which existed previously.

The MAPS menu currently has three options:
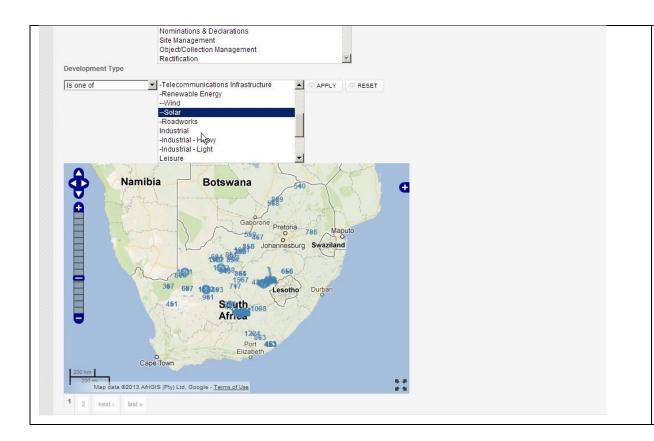
The MAPS root menu, Cases and Reports and Permit Applications Map.

The default root map option is the List of Developments Map. It allows users to find developments on our GIS system by development type – eg wind farms, or solar applications, or coal mining.

It is also the easiest way to find developments in your area for which you would like to make comments. Remember to flip through the heritage authority options to narrow your query, and then to click through the various pages depending on how broad your match results are.

This is a view of the development map once a filter for Solar applications has been applied. There are two pages of all solar applications currently taking place or on archive across the country.

These cases are merged into a master shapefile on our Geoserver once a month to ensure the speed of SAHRIS remains stable as increasing numbers of applications are mapped.

Leisure

493
Prieska Solar 313

Priesk

20 km
10 mi
Map data ©2013 AfriGIS (Pty) Ltd, Google - Terms of Use
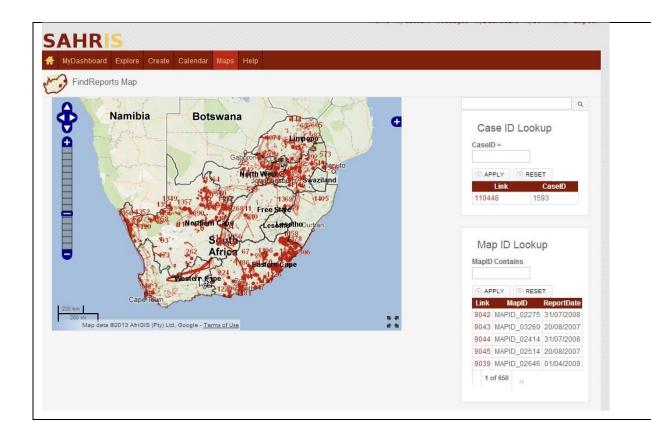
This is a close up view of one of the solar farms in the above map query. This map is clickable and the link will take you to the case for comment.

This is the Cases & Reports Map.
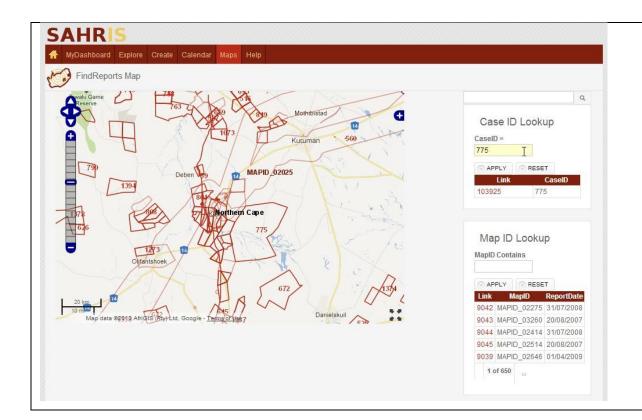
This map provides an easy way to pull out reports or cases from the red shapefiles residing on our Geoserver. For cases on SAHRIS post May 2012, use the top block, CASEID lookup and enter the case id number. Remember to zoom in close enough on the map to find your reference number. Case Ids will never have the prefix MAPID_

For older reports pre-SAHRIS, you need to refer to the MAPID_s. Zoom in close enough to locate a mapid_xxx and simply enter the numerical part in the MAP ID Lookup.
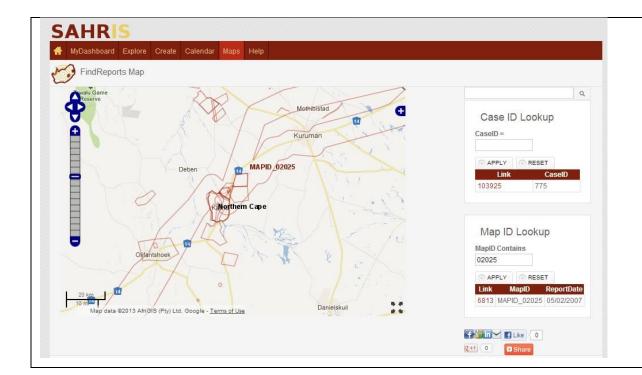
This is a close up view of an area in the Northern Cape with both MAPIDs and CASEIDs to choose from. Here the user has picked CASEID 775 as the polygon they wish to view. This will take them to a heritage case on SAHRIS.
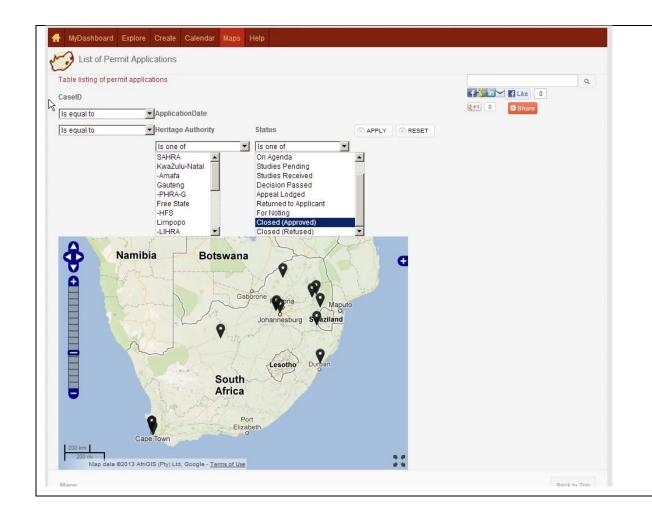
SAHRIS

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FindReports Map

Case ID Lookup

CaseID =

APPLY   RESET

Link	CaseID
103925	775

Map ID Lookup

MapID Contains

02025

APPLY   RESET

Link	MapID	ReportDate
6813	MAPID_02025	05/02/2007

This view shows a similar query to the previous one, this time the user has entered 02025 in the MAPID so that they can locate MAPID_02025. The red link next to the filtered result in the block on the right will take the user to the Heritage Report in this case. If you want to keep your query open remember to RIGHT CLICK THE LINK AND OPEN IN NEW TAB.
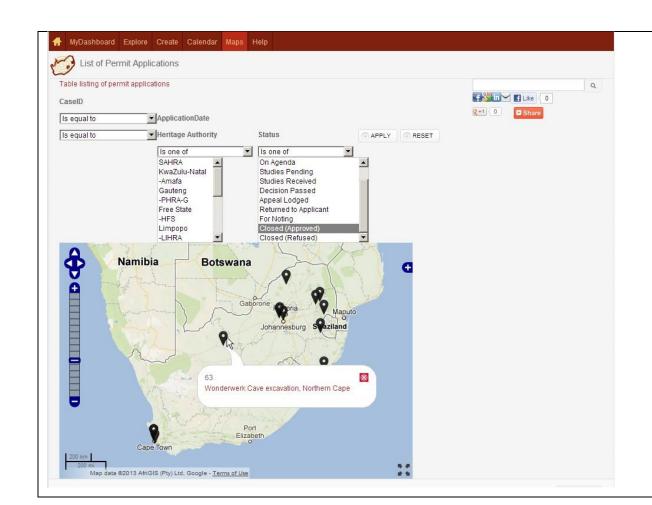
This is the last map in the maps menu called Permit Applications Map.

This map shows all current applications flagged as 'Permit' in the Case Type. The reason for separating these out from the cases above is that they do not have the same mapping method as general developments. For permits and nominations, the mapping is drawn from the site in the inventory. This is the reason for requiring users to link their case to InventoryLinks in the case applications process.

Each of the black markers is clickable and will take the user to the actual permit application.
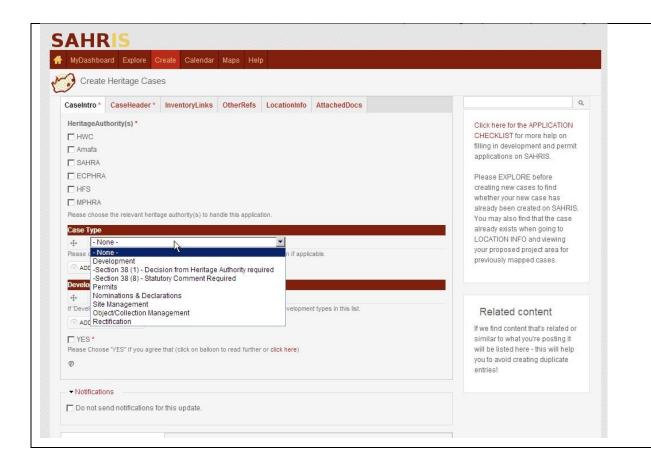
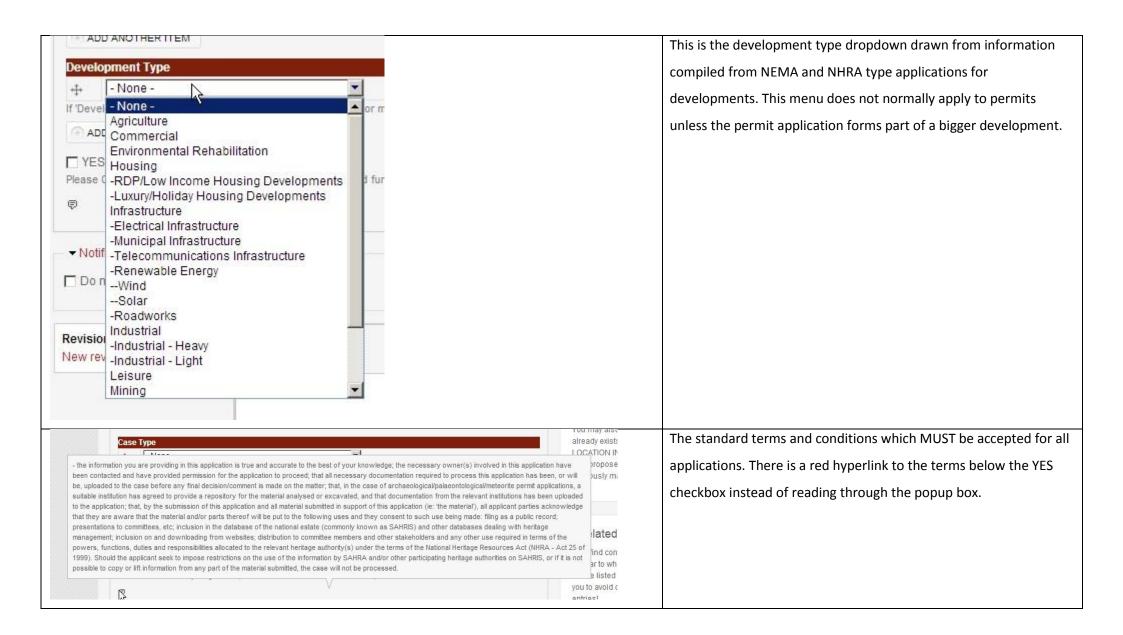This view shows the link to the Wonderwerk Cave permit application.

CREATING CASES/APPLICATIONS

To start an application for a permit or development on SAHRIS, also known as a Notification of Intent to Develop depending on the context of the application, move your mouse over CREATE, then click on CASE/APPLICATION. This brings you to the new case form.

The Relevant heritage authority must be chosen (or multiple authorities if relevant). The case types are then chosen – a case is normally only one type – either permit or development 38(1) or 38(8). Please follow the Applications Checklist on the right which can be printed out – it is also available on the FAQs.
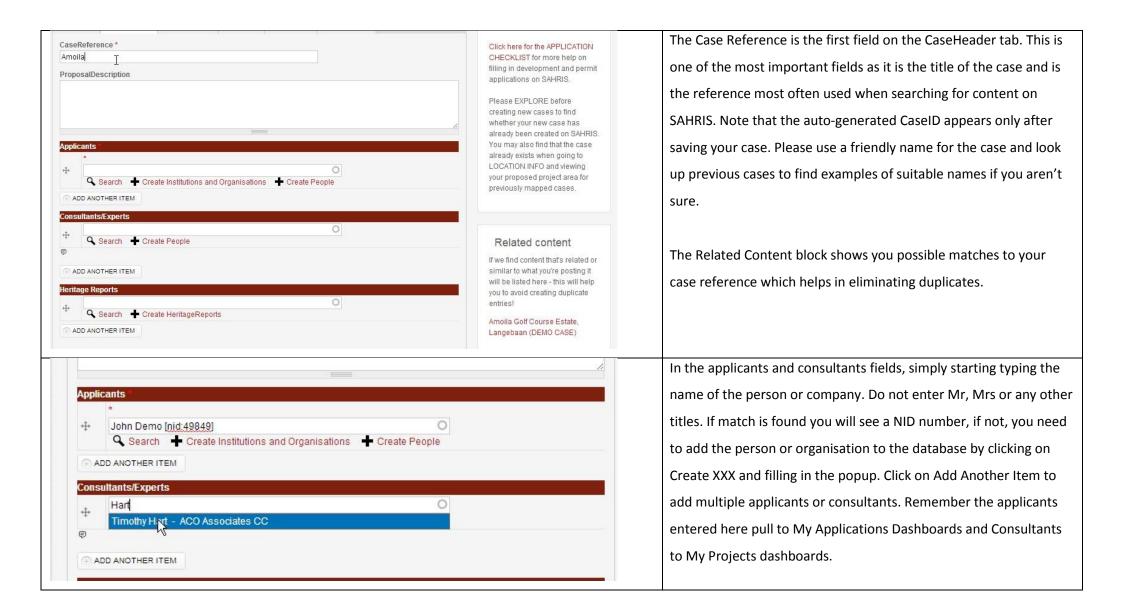
This is the development type dropdown drawn from information compiled from NEMA and NHRA type applications for developments. This menu does not normally apply to permits unless the permit application forms part of a bigger development.

The standard terms and conditions which MUST be accepted for all applications. There is a red hyperlink to the terms below the YES checkbox instead of reading through the popup box.

The Case Reference is the first field on the CaseHeader tab. This is one of the most important fields as it is the title of the case and is the reference most often used when searching for content on SAHRIS. Note that the auto-generated CaseID appears only after saving your case. Please use a friendly name for the case and look up previous cases to find examples of suitable names if you aren't sure.

The Related Content block shows you possible matches to your case reference which helps in eliminating duplicates.

In the applicants and consultants fields, simply starting typing the name of the person or company. Do not enter Mr, Mrs or any other titles. If match is found you will see a NID number, if not, you need to add the person or organisation to the database by clicking on Create XXX and filling in the popup. Click on Add Another Item to add multiple applicants or consultants. Remember the applicants entered here pull to My Applications Dashboards and Consultants to My Projects dashboards.

	The Heritage Reports field is far more rigid than the Additional Documents under the Attachments tab. If a report has been created on SAHRIS already, start entering its short name and link it here. If it has not been created on SAHRIS yet, click on Create Heritage Report and fill in all the fields. The fields specified here allow the queries in the Reports view under Explore to be more specific.
	If your case is a Permit application for an object or site, or a nomination thereof, you must link it to Inventory Links. Click on SEARCH to find it and then simply choose what you want by clicking on the line with the record desired. Look out for the NID number on completion (see next image)
	Linked site to Case with NID number.

For developments or cases which have gone to Court, the Other References tab is used. This results in all official correspondence having the references listed here. An example would be the Department of Environmental Affairs case reference – they may be the deciding authority while the heritage authority may be acting in a commentary role. By adding the other department's case reference the case can be located by those references in addition to the SAHRIS references. The due date set here is normally the commenting due date and this affects the Comment Due Date report mentioned earlier.

Under Other references, at the bottom, you can add references via citations or weblinks. This normally applies to written literature or articles in the media or can be used to link to related cases on SAHRIS.

SAHRIS

MyDashboard Explore Create Calendar Maps Help

Create Heritage Cases

CaseIntro * CaseHeader * InventoryLinks OtherRefs **LocationInfo** AttachedDocs

Use the icons to select what type of feature to draw. Each map can contain one simple feature. Pan and zoom with arrows and the zoom bar.

GoogleKML

UPLOAD   Choose File   No file chosen

Files must be less than **100 MB**.
Allowed file types: **kml**.

Well Known Text

The LocationInfo tab on the case handles the mapping for developments. Do not use this if you have already mapped the case as a permit application via inventory links.

The mouse pointer is directed towards the FullScreen button. Click this to open up the map in full screen view. Below the map are two options for alternative mapping via KML as discussed earlier or by entering the WKT text directly. Note, in order for these to work there must be no mapping done yet. If there is, and you would like to apply the KML map, first click on the mapped layers shown in green in the EDIT view, hit delete on the keyboard, and save. Then go back to EDIT and upload the KML file and SAVE. The map in the kml will then appear in the location map.
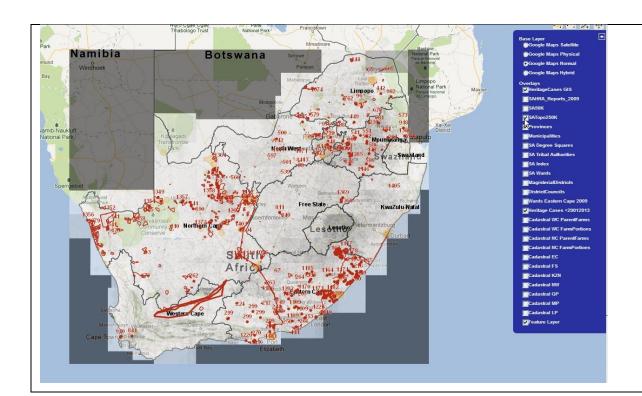
View of the full screen map with the 1:250 000 topographic map layer of South Africa. Orange polygons denote current heritage cases which have not been merged into the master shapefile on the Geoserver.

View of map with Heritage Cases GIS layer enabled (red layers). The dropdown + has been clicked to show all the layers available.

Base Layer
◉Google Maps Satellite
◉Google Maps Physical
◉Google Maps Normal
◉Google Maps Hybrid
Overlays
☑HeritageCases GIS
☐SAHRA_Reports_2009
☐SA50K
☑SATopo250K
☑Provinces
☐Municipalities
☐SA Degree Squares
☐SA Tribal Authorities
☐SA Index
☐SA Wards
☐MagisterialDistricts
☐DistrictCouncils
☐Wards Eastern Cape 2009
☑Heritage Cases <29012013
☐Cadastral WC ParentFarms
☐Cadastral WC FarmPortions
☐Cadastral NC ParentFarms
☐Cadastral NC FarmPortions
☐Cadastral EC
☐Cadastral FS
☐Cadastral KZN
☐Cadastral NW
☐Cadastral GP
☐Cadastral MP
☐Cadastral LP
☑Feature Layer

There are four base layers from Google – the most common choices are the Google Maps Hybrid which shows an aerial photograph with roads and places and Google Maps Normal which has place and road information, topography and some other features. This map works well as an underlying layer to the 1:50k or 1:250k topo layers.

The overlays are streaming from our dedicated Geoserver. These are mainly shapefiles but the maps are greyshaded and reprocessed versions of the topocadastral maps provided by Surveys and Mapping in Mowbray, Cape Town.

The zoom control on the far left is used to zoom in and out and to pan left, right or up and down the map.
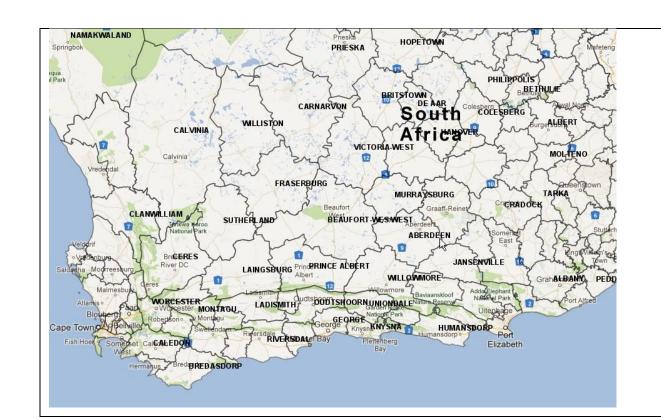
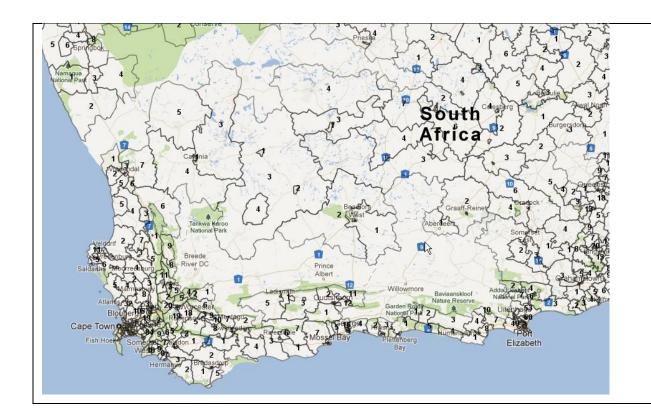|	There are four drawing tools – the far right crosshair icon simply disables drawing and allows you to pick a polygon for editing purposes. The other three from left to right are: new polygon, new line, new point
	View of the map with the cadastral layers enabled for the Western Cape. This can be overlaid with other layers.

Map of old magisterial districts. This map is particularly useful when looking up reports or sites filed by magisterial district.
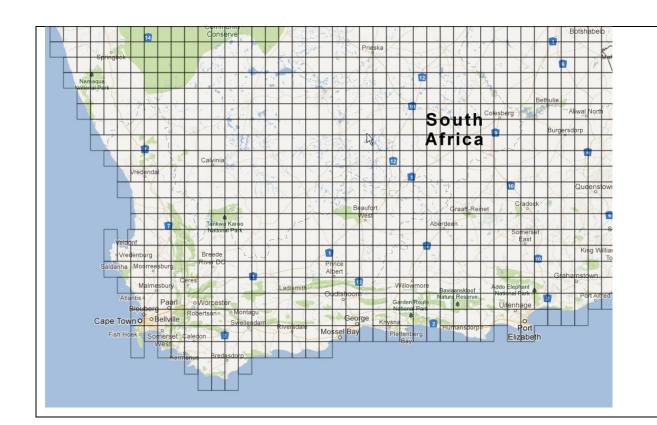
Map of Wards. This is used by Ward Councillors who need to comment on SAHRIS for applications requiring departures, amongst other uses.
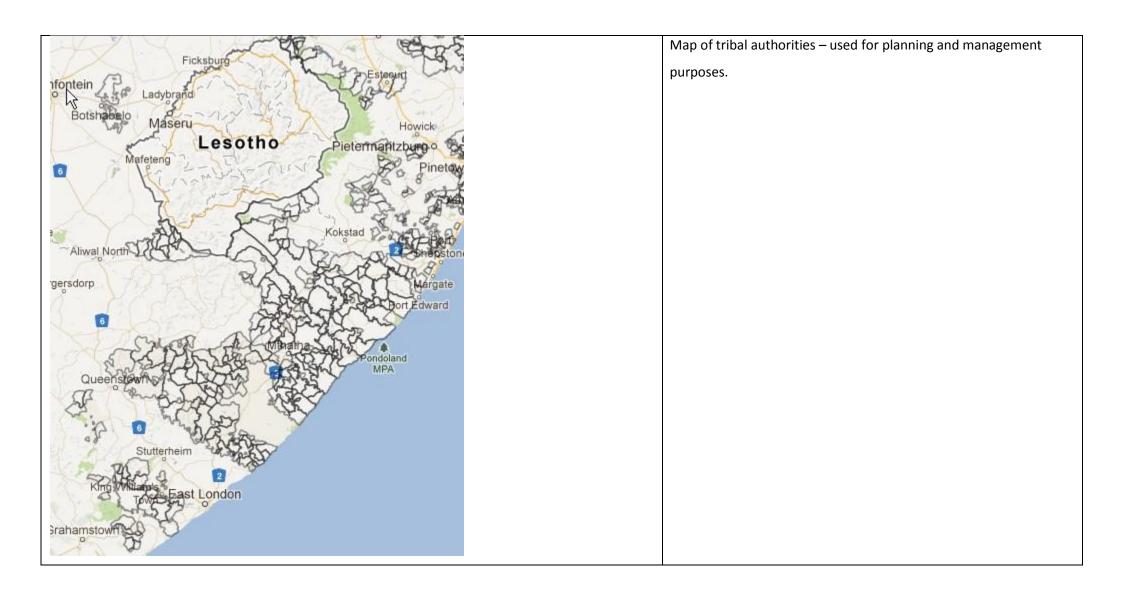
Map of 1:50 000 SA Index tiles. Most reports include a reference to the mapsheet for the project and this layer is a fast way to find the general vicinity of past applications.

Map of tribal authorities – used for planning and management purposes.

Map of current municipalities. Default view, besides province, for find new applications to map.
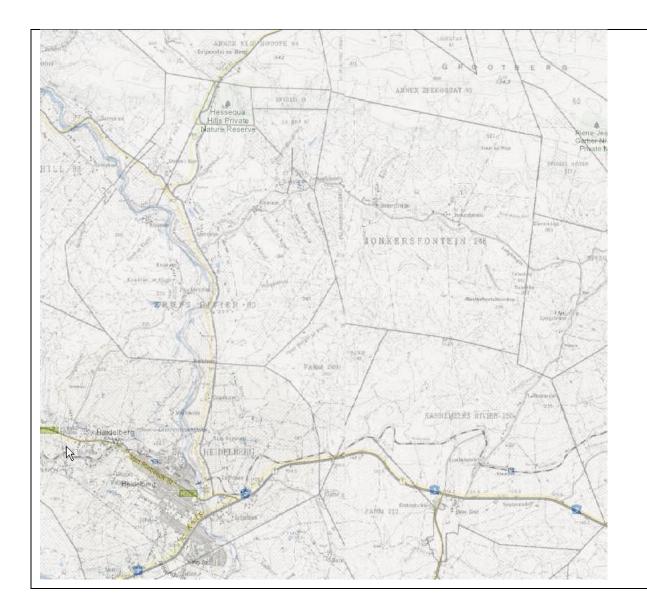
Close up view of a 1:50 000 topographic map. This shows the farm boundaries, roads and other infrastructure and is used 99% of the time for mapping cases.

At the time of uploading these tiles to our Geoserver, we reduced the resolution and set the tiles to greyscale to optimise speed and save space. However, these tiles will be redone in 2013 in full colour as the NAS servers have freed up the space limitation.
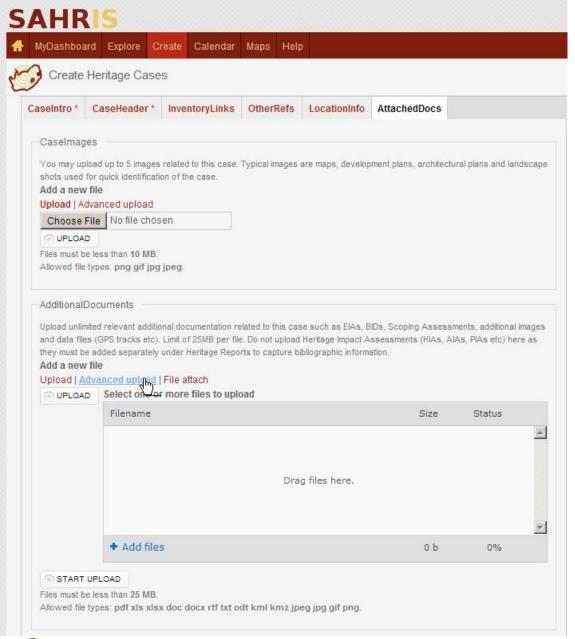
Aerial photograph view of the cases with red polygons for older cases. Note the red polygons do not show up that clearly on the aerial photos which is one of the reasons to flip between the Google Maps Normal and the Aerial base layers.
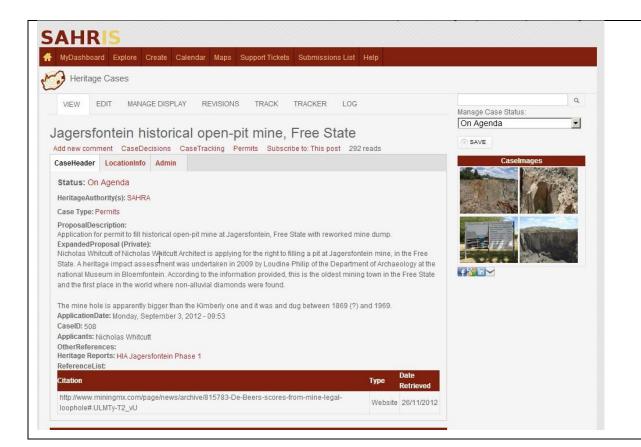
The final tab for applicants (heritage officers have an additional tab called Admin), is the AttachedDocs. You can upload multiple files at once using Advanced Upload. For images, use Case Images but limit your selection to five images and store the rest under additionaldocuments.

AdditionalDocuments store most of the files for Environmental Impact Assessments, BIDs, Scoping Reports, EMPs and many other files that are NOT heritage reports.

The Consent Letters field is used for Permit applications or nominations when the owner of the site or object is not the applicant filling out the case on SAHRIS. Please upload a signed scanned letter here for 3rd party applications.

This is an example of a completed case. You can find it via CaseID 508 or this link: http://www.sahra.org.za/content/jagersfontein-historical-open-pit-mine-free-state
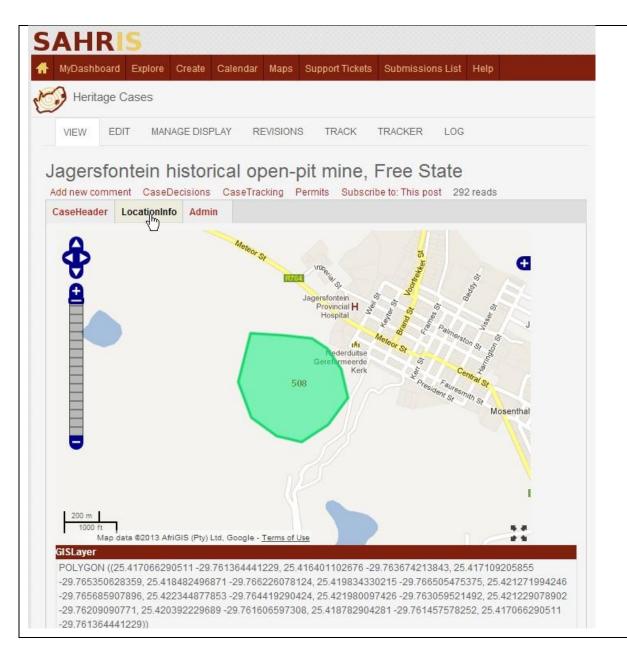
Note that friendly names for the case urls are generated from the CaseReference using the PathAuto module – that's part of the reason why it's important to enter something sensible in that field.

A completed case can have images showing what the case is about, the heritage report(s) are linked down the middle under Heritage Reports:

The current case status is shown in Red (On Agenda) which means it is currently receiving online comments from committee members. The case officers can see the Manage Case Status block on the right which is a fast way to edit the case status.

No case decisions or permits have been made for this case.

SAHRIS

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Heritage Cases

VIEW | EDIT | MANAGE DISPLAY | REVISIONS | TRACK | TRACKER | LOG

Jagersfontein historical open-pit mine, Free State

Add new comment | CaseDecisions | CaseTracking | Permits | Subscribe to: This post | 292 reads

CaseHeader | LocationInfo | Admin

GISLayer

POLYGON ((25.417066290511 -29.761364441229, 25.416401102676 -29.763674213843, 25.417109205855 -29.765350628359, 25.418482496871 -29.766226078124, 25.419834330215 -29.766505475375, 25.421271994246 -29.765685907896, 25.422344877853 -29.764419290424, 25.421980097426 -29.763059521492, 25.421229078902 -29.76209090771, 25.420392229689 -29.761606597308, 25.418782904281 -29.761457578252, 25.417066290511 -29.761364441229))
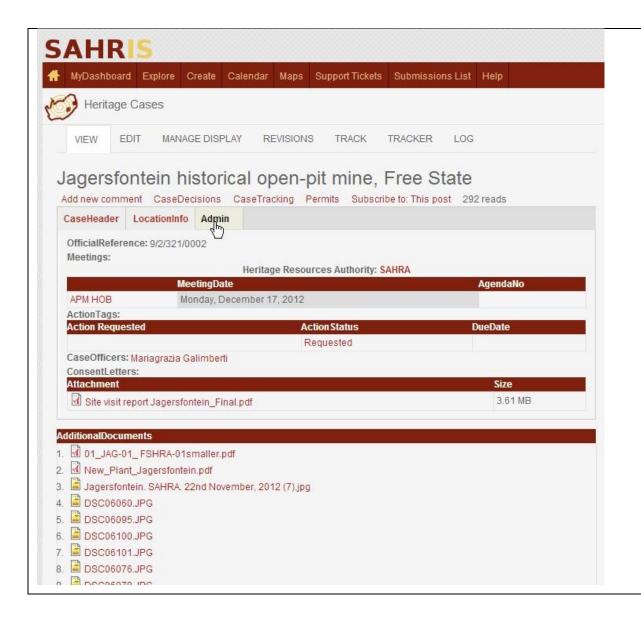
This is a view of the map drawn for the Jagersfontein case. The string under GISLayer can be copied and pasted into other GIS systems. The green polygon shows the current case map.
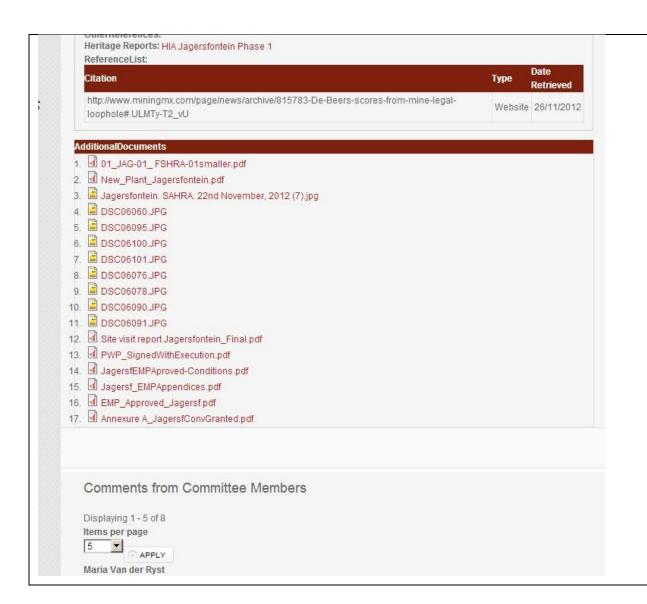
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View of additional documents uploaded to the case – note the large number of files, pdfs and images for this case. Many of them could have been logged against the site record. This view also shows the results of the admin tab which are controlled by the case officers. You can find your case officer here, which meeting this case will be tabled at and when, along with the official reference used by the heritage authority. These references are largely becoming redundant with the digitised registry provide for on SAHRIS.

Heritage Reports: HIA Jagersfontein Phase 1
ReferenceList:

Citation	Type	Date Retrieved
http://www.miningmx.com/page/news/archive/815783-De-Beers-scores-from-mine-legal-loophole#.ULMTy-T2_vU	Website	26/11/2012

AdditionalDocuments
1. 01_JAG-01_ FSHRA-01smaller.pdf
2. New_Plant_Jagersfontein.pdf
3. Jagersfontein. SAHRA. 22nd November, 2012 (7).jpg
4. DSC06060.JPG
5. DSC06095.JPG
6. DSC06100.JPG
7. DSC06101.JPG
8. DSC06076.JPG
9. DSC06078.JPG
10. DSC06090.JPG
11. DSC06091.JPG
12. Site visit report Jagersfontein_Final.pdf
13. PWP_SignedWithExecution.pdf
14. JagersfEMPAproved-Conditions.pdf
15. Jagersf_EMPAppendices.pdf
16. EMP_Approved_Jagersf.pdf
17. Annexure A_JagersfConvGranted.pdf

Comments from Committee Members

Displaying 1 - 5 of 8
Items per page
5 APPLY

Maria Van der Ryst

Committee members and heritage officers' comments are shown in a private block at the bottom of the case titled: Comments from Committee Members.

For people with registered conservation bodies in their roles, their comments appear under Registered Conservation Body Comments.

For the general public, their comments appear under Public Comments. Note both registered conservation bodies and public comments are completely public and are note hidden in any way.
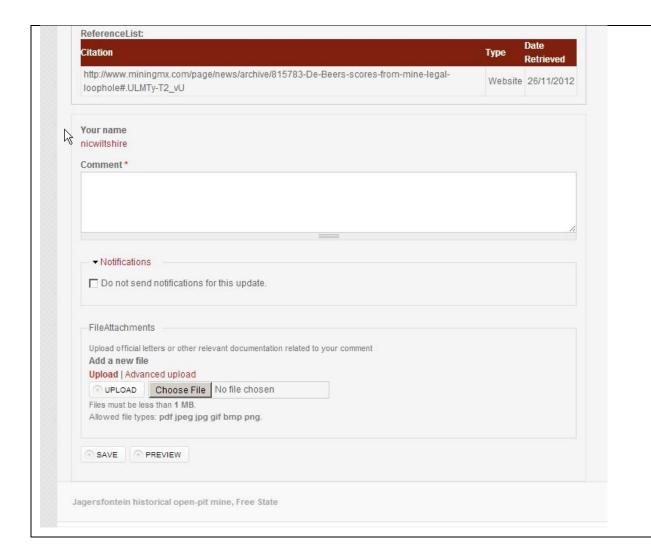
The social networking services have also been enabled on SAHRIS so that people can share cases via their favourite social networking platforms. To simply email a link of this case to a colleague, click on Share
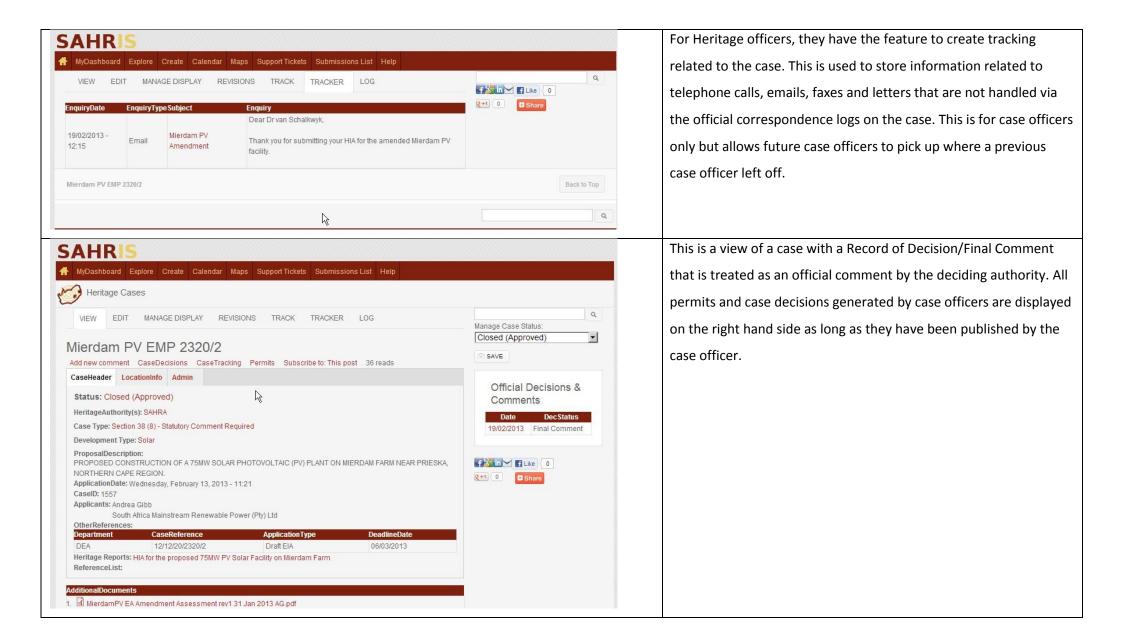
ReferenceList:

Citation	Type	Date Retrieved
http://www.miningmx.com/page/news/archive/815783-De-Beers-scores-from-mine-legal-loophole#.ULMTy-T2_vU	Website	26/11/2012

Your name
nicwiltshire

Comment *

▾ Notifications

☐ Do not send notifications for this update.

FileAttachments

Upload official letters or other relevant documentation related to your comment
Add a new file
Upload | Advanced upload

⊕ UPLOAD   Choose File   No file chosen

Files must be less than **1 MB**.
Allowed file types: **pdf jpeg jpg gif bmp png**.

⊕ SAVE   ⊕ PREVIEW

Jagersfontein historical open-pit mine, Free State

To add a comment, click Add New Comment just below the Case Reference.

This will create a block just below the case where you can enter your comment. You may also add additional files related to your comment – eg pdfs or images.

You can follow a thread of comments by clicking on REPLY next to a comment – the above, Add New Comment link, creates a new thread.

For Heritage officers, they have the feature to create tracking related to the case. This is used to store information related to telephone calls, emails, faxes and letters that are not handled via the official correspondence logs on the case. This is for case officers only but allows future case officers to pick up where a previous case officer left off.

This is a view of a case with a Record of Decision/Final Comment that is treated as an official comment by the deciding authority. All permits and case decisions generated by case officers are displayed on the right hand side as long as they have been published by the case officer.

Mierdam PV EMP 2320/2

Our Ref: 9/2/075/0001

Enquiries: Kathryn Smuts
Tel: 021 462 4502
Email: ksmuts@sahra.org.za
CaseID: 1557

Date: Tuesday February 19, 2013

Page No: 1

Final Comment

In terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Andrea Gibb
Sivest
P.O. Box 2921
Rivonia
2128

PROPOSED CONSTRUCTION OF A 75MW SOLAR PHOTOVOLTAIC (PV) PLANT ON MIERDAM FARM NEAR PRIESKA, NORTHERN CAPE REGION.

Van Schalkwyk, J. January 2013. *Heritage Impact Assessment for the Proposed Establishment of a PV Solar Facility by South Africa Mainstream Renewable Power Mierdam (Pty) Ltd on the Farm Mierdam in the Prieska Region Northern Cape Province*

South Africa Mainstream Renewably Power Mierdam (Pty) Ltd had previously applied for, and received Environmental Authorisation for, a 40 MW PV facility on the farm Mierdam, near Prieska. Mainstream have proposed to increase the output to 75 MW and feed it into the Kronos Substation via a new power line, rather than feeding it into the onsite power line which would have been possibly with the lower output. This larger plant will occupy approximately 200 ha, with infrastructure including electrical connections, a new substation, access and internal roads, a temporary construction area and ancillary buildings.

The new layout falls within the area previously surveyed by the author and no further site assessments were conducted. The SAHRA review comment of 16 May 2012 therefore still stands. This comment is included below, for clarity.

The field survey of identified low density artefact scatters, predominantly from the Middle Stone Age, with some material of Later Stone Age date; no indication of human settlement was recorded. The sites were mostly located on or at the base of small hills. Two Stone Age sites on Mierdam (Sites 1 and 2) were identified as being sufficiently significant to warrant preservation if possible and mitigation if not. None of the sites had evidence of human occupation and were deemed unlikely to be quarry or factory sites. Rather, these sites were interpreted as lookout points for hunting, and associated tools included retouched flakes, blades and scrapers made of hardened shale, chalcedony and quartzite; one Later Stone Age hammer stone was found. None of the sites was larger than 20x20m. The archaeologist notes that while these sites are likely to be

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This is the top view of the Final Comment for the case above. Note the caseid is referenced at the top with the relevant case officer. This autogenerated form vastly simplifies the case officer's work as the addresses and other information are all driven by the database. Every PHRA in South Africa has already been setup on SAHRIS with their logos and colour schemes for their official decisions and permits. For members of the public wishing to challenge a decision, they may verify the permit or decision online by navigating to the case via the caseid or the Case Reference shown at the top.

If you have a copy of a decision has no caseid for decisions made since your PHRA adopted SAHRIS it is more than likely a fraudulent copy.

Tel: 021 462 4502) and a professional archaeologist must be alerted immediately.

Decisions on Built Environment (e.g. structures over 60 years) and Cultural Landscapes and associated Living Heritage (e.g. sacred sites) must be made by the Provincial Heritage Resources Authority of the Northern Cape *(Mr. Andrew Timothy,* ratha.timothy@gmail.com) to whom this Archaeological Review Comment will be copied.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

Kathryn Smuts
Heritage Officer: Archaeology
South African Heritage Resources Agency

Colette Scheermeyer
SAHRA Head Archaeologist
South African Heritage Resources Agency

ADMIN:
(DEA, Ref: 12/12/20/2320/2)

This is the lower half of the pdf generated on SAHRIS. Note the case officers' signatures are automatically embedded with the DEA Reference number printed under ADMIN which was filled in Other References for this case.