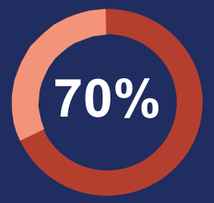
NRF National Research Foundation | SAIAB South African Institute for Aquatic Biodiversity

JANUARY 2024

ACOUSTIC TRACKING ARRAY PLATFORM

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1 New Year's Day	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

COVERAGE



of South African coastline

~ 2200 km

False Bay → Ponta do Ouro

AIM | Provide a platform for researchers to understand movements and migrations of aquatic animals







DECEMBER 2023

Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

PUBLIC HOLIDAYS

1	January	New Year's Day
21	March	Human Rights Day
29	March	Good Friday
1	April	Family Day
27	April	Freedom Day
1	May	Workers' Day
16	June	Youth Day
17	June	'Youth Day' observed
9	August	National Women's Day
24	September	Heritage Day
16	December	Day of Reconciliation
25	December	Christmas Day
26	December	Day of Goodwill

FEBRUARY

Mon	Tue	Wed	Thu	Fri	Sat	Sun
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			

NRF National Research Foundation | SAIAB South African Institute for Aquatic Biodiversity

FEBRUARY 2024

MARINE REMOTE IMAGERY PLATFORM

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			

JANUARY

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

PUBLIC HOLIDAYS

1	January	New Year's Day
21	March	Human Rights Day
29	March	Good Friday
1	April	Family Day
27	April	Freedom Day
1	May	Workers' Day
16	June	Youth Day
17	June	'Youth Day' observed
9	August	National Women's Day
24	September	Heritage Day
16	December	Day of Reconciliation
25	December	Christmas Day
26	December	Day of Goodwill

MARCH

Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

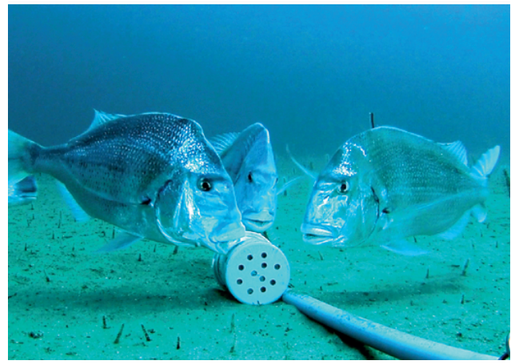
MAKES USE OF

remote underwater stereo-video & remotely operated vehicle

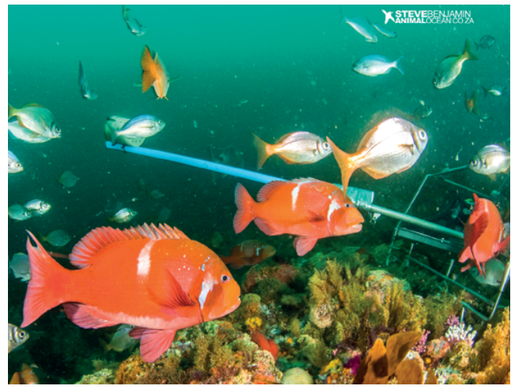
AIMS | • To provide standardised sampling tools and protocols to the research community • To provide a BRUVs data repository • To collect a complete dataset for benthic fish and invertebrate populations across the continental shelf.

43 researchers
19 institutions

Money invested
> R30 million







National Research Foundation | SAIAB South African Institute for Aquatic Biodiversity

MARCH 2024

GEOPHYSICS AND MAPPING PLATFORM

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21 Human Rights Day	22	23	24
25	26	27	28	29 Good Friday	30	31

FEBRUARY

Mon	Tue	Wed	Thu	Fri	Sat	Sun
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			

PUBLIC HOLIDAYS

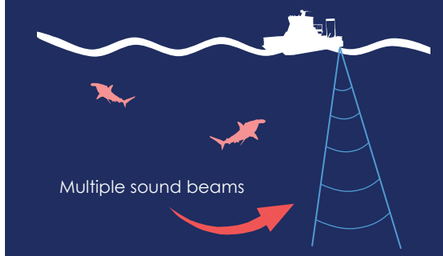
1	January	New Year's Day
21	March	Human Rights Day
29	March	Good Friday
1	April	Family Day
27	April	Freedom Day
1	May	Workers' Day
16	June	Youth Day
17	June	'Youth Day' observed
9	August	National Women's Day
24	September	Heritage Day
16	December	Day of Reconciliation
25	December	Christmas Day
26	December	Day of Goodwill

APRIL

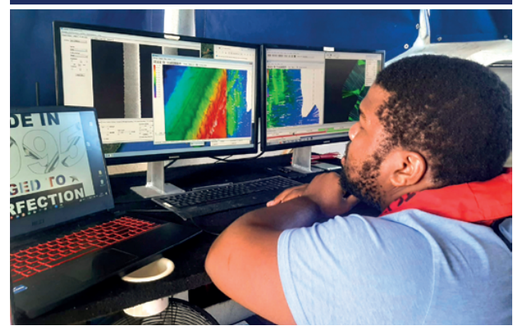
Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

MAKES USE OF

Multibeam echosounders, advanced navigation systems and specialist software



AIM | Collect data to create high-resolution 3D terrain models in order to classify and quantify marine and estuarine habitats







NRF National Research Foundation | SAIAB South African Institute for Aquatic Biodiversity

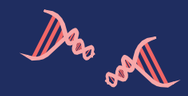
APRIL 2024

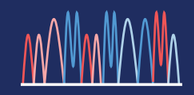
AQUATIC GENOMICS RESEARCH PLATFORM

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1 Family Day	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27 Freedom Day	28
29	30					

LAB EQUIPMENT for

DNA extraction



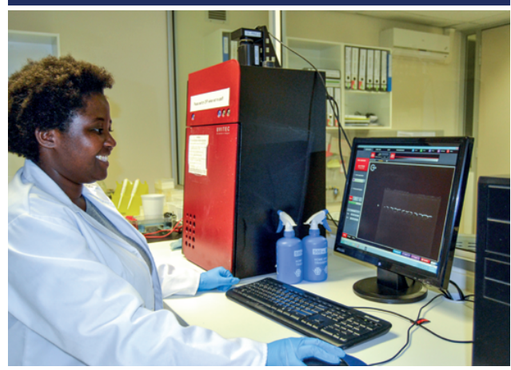


Sanger sequencing

Next-generation sequencing



AIM | Provide technical support to all platform users so that anyone can pursue a career in molecular work







MARCH

Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	**21**	22	23	24
25	26	27	28	**29**	30	31

PUBLIC HOLIDAYS

1	January	New Year's Day
21	March	Human Rights Day
29	March	Good Friday
1	April	Family Day
27	April	Freedom Day
1	May	Workers' Day
16	June	Youth Day
17	June	'Youth Day' observed
9	August	National Women's Day
24	September	Heritage Day
16	December	Day of Reconciliation
25	December	Christmas Day
26	December	Day of Goodwill

MAY

Mon	Tue	Wed	Thu	Fri	Sat	Sun
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

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MAY 2024

AQUATIC ECOPHYSIOLOGY RESEARCH PLATFORM

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
		1 Workers' Day	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

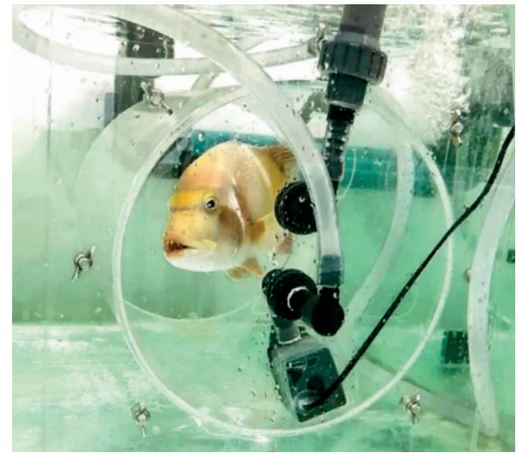
RESEARCH ON

Respirometry

Heart function

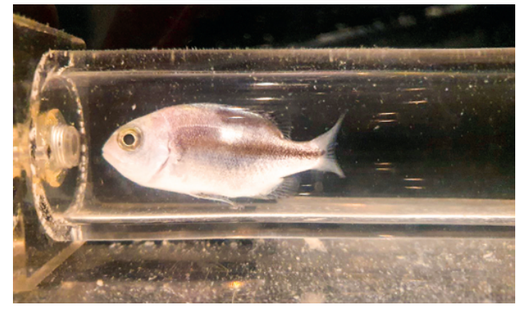
Behaviour

AIM | Enables research on physiology and behaviour using respirometric and cardiac instruments









APRIL

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

PUBLIC HOLIDAYS

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27	April	Freedom Day
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16	June	Youth Day
17	June	'Youth Day' observed
9	August	National Women's Day
24	September	Heritage Day
16	December	Day of Reconciliation
25	December	Christmas Day
26	December	Day of Goodwill

JUNE

Mon	Tue	Wed	Thu	Fri	Sat	Sun
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

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JUNE 2024

COLLECTIONS FACILITY

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16 Youth Day
17 'Youth Day' observed	18	19	20	21	22	23
24	25	26	27	28	29	30

HOLDS FISHES FROM

Southern Africa | Western Indian Ocean | Southern Atlantic and Southern Oceans

AIM | Provide access to specimens and tissues, collection objects and data through loans and visits

1+ million specimens
7402 species

Money invested
R30+ million

But this collection is: **PRICELESS**







MAY

Mon	Tue	Wed	Thu	Fri	Sat	Sun
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

PUBLIC HOLIDAYS

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29	March	Good Friday
1	April	Family Day
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9	August	National Women's Day
24	September	Heritage Day
16	December	Day of Reconciliation
25	December	Christmas Day
26	December	Day of Goodwill

JULY

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

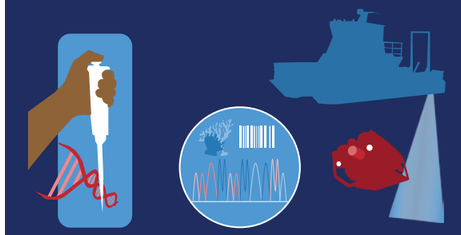
National Research Foundation | SAIAB South African Institute for Aquatic Biodiversity

JULY 2024

BIOPROSPECTING FOR PHARMACEUTICALS

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Algoa Bay is a marine biodiversity hotspot with rich invertebrate diversity



AIM | Collaborative research using SAIAB's marine platforms to address skills shortages and support future growth in South Africa's bio-economy







JUNE

Mon	Tue	Wed	Thu	Fri	Sat	Sun
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

PUBLIC HOLIDAYS

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29	March	Good Friday
1	April	Family Day
27	April	Freedom Day
1	May	Workers' Day
16	June	Youth Day
17	June	'Youth Day' observed
9	August	National Women's Day
24	September	Heritage Day
16	December	Day of Reconciliation
25	December	Christmas Day
26	December	Day of Goodwill

AUGUST

Mon	Tue	Wed	Thu	Fri	Sat	Sun
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

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AUGUST 2024

FRESHWATER FIELD UNIT

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
			1	2	3	4
5	6	7	8	9 National Women's Day	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

JULY

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

PUBLIC HOLIDAYS

1	January	New Year's Day
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29	March	Good Friday
1	April	Family Day
27	April	Freedom Day
1	May	Workers' Day
16	June	Youth Day
17	June	'Youth Day' observed
9	August	National Women's Day
24	September	Heritage Day
16	December	Day of Reconciliation
25	December	Christmas Day
26	December	Day of Goodwill

SEPTEMBER

Mon	Tue	Wed	Thu	Fri	Sat	Sun
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

Research on
INLAND FISHERIES
and
FRESHWATER ECOLOGY

Makes use of specialised sampling equipment including electrofishers, boats and off-road vehicles

AIM | To develop expertise and leadership in freshwater aquatic biodiversity to support evidence-based decision-making

>100 users
25 institutions

Money invested
> R5 million







NRF National Research Foundation | SAIAB South African Institute for Aquatic Biodiversity

SEPTEMBER 2024

REMOTELY OPERATED VEHICLE

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23 / 30	24 Heritage Day	25	26	27	28	29

Part of the

MARINE REMOTE IMAGERY PLATFORM

AIM | Used for benthic survey and exploration work, allowing researchers to glimpse previously inaccessible areas

The ROV has been involved in the discovery of new species:





And recorded the first *in-situ* sighting of:









AUGUST

Mon	Tue	Wed	Thu	Fri	Sat	Sun
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

PUBLIC HOLIDAYS

1	January	New Year's Day
21	March	Human Rights Day
29	March	Good Friday
1	April	Family Day
27	April	Freedom Day
1	May	Workers' Day
16	June	Youth Day
17	June	'Youth Day' observed
9	August	National Women's Day
24	September	Heritage Day
16	December	Day of Reconciliation
25	December	Christmas Day
26	December	Day of Goodwill

OCTOBER

Mon	Tue	Wed	Thu	Fri	Sat	Sun
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

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OCTOBER 2024

MARGARET SMITH LIBRARY

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Library named in honour of

PROFESSOR MARGARET SMITH

building on a heritage of



research and teaching in aquatic sciences

AIM | Be a key reference source for the ichthyological community in South Africa







SEPTEMBER

Mon	Tue	Wed	Thu	Fri	Sat	Sun
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

PUBLIC HOLIDAYS

1	January	New Year's Day
21	March	Human Rights Day
29	March	Good Friday
1	April	Family Day
27	April	Freedom Day
1	May	Workers' Day
16	June	Youth Day
17	June	'Youth Day' observed
9	August	National Women's Day
24	September	Heritage Day
16	December	Day of Reconciliation
25	December	Christmas Day
26	December	Day of Goodwill

NOVEMBER

Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

NOVEMBER 2024

COASTAL CRAFT

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Home base:
Durban

Home base:
Port Elizabeth

Home base:
Mobile along the coastline
Exclusive to the MARIP platform

Coastal craft fleet consists of
THREE VESSELS

and is a shared platform

Vessels can do trips of up to **36 – 48 hours** & accommodate **12 researchers**

AIM | Serve the South African research community to support sustainable growth of the **Blue Economy** by providing sound research outputs







OCTOBER

Mon	Tue	Wed	Thu	Fri	Sat	Sun
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

PUBLIC HOLIDAYS

1	January	New Year's Day
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1	April	Family Day
27	April	Freedom Day
1	May	Workers' Day
16	June	Youth Day
17	June	'Youth Day' observed
9	August	National Women's Day
24	September	Heritage Day
16	December	Day of Reconciliation
25	December	Christmas Day
26	December	Day of Goodwill

DECEMBER

Mon	Tue	Wed	Thu	Fri	Sat	Sun
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

DECEMBER 2024

INVESTMENT IN SAIAB'S PLATFORMS

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Coastal Craft *R40 million*					Aquatic Ecophysiology Research Platform *R7 million*	1
2	3	4	5	6	7	8
9	10	Acoustic Tracking Array Platform *R15 million* 11	12	13	14	Aquatic Genomics Research Platform *R10 million* 15
Marine Remote Imagery Platform *R30 million* 16 Day of Reconciliation	17	18	Geophysical Mapping Platform *R4.5 million* 19	20	21 Biobank *R1 million*	22
23 / 30	24 / 31	25 Christmas Day	26 Day of Goodwill	27	28	29

SOUTH AFRICAN INSTITUTE FOR AQUATIC BIODIVERSITY

11 WORLD-CLASS PLATFORMS

- ATAP
- Coastal craft
- GeMaP
- NFC
- MARIP
- Biobank
- AERP
- FFU
- AGRP
- MSL
- Bioprospecting







NOVEMBER

Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

PUBLIC HOLIDAYS

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27	April	Freedom Day
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16	June	Youth Day
17	June	'Youth Day' observed
9	August	National Women's Day
24	September	Heritage Day
16	December	Day of Reconciliation
25	December	Christmas Day
26	December	Day of Goodwill

JANUARY 2025

Mon	Tue	Wed	Thu	Fri	Sat	Sun
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

2024

JANUARY

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

FEBRUARY

Mon	Tue	Wed	Thu	Fri	Sat	Sun
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			

MARCH

Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

APRIL

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

MAY

Mon	Tue	Wed	Thu	Fri	Sat	Sun
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

JUNE

Mon	Tue	Wed	Thu	Fri	Sat	Sun
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

JULY

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

AUGUST

Mon	Tue	Wed	Thu	Fri	Sat	Sun
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

SEPTEMBER

Mon	Tue	Wed	Thu	Fri	Sat	Sun
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

OCTOBER

Mon	Tue	Wed	Thu	Fri	Sat	Sun
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

NOVEMBER

Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

DECEMBER

Mon	Tue	Wed	Thu	Fri	Sat	Sun
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

DECEMBER 2023

Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

PUBLIC HOLIDAYS

1	January	New Year's Day
21	March	Human Rights Day
29	March	Good Friday
1	April	Family Day
27	April	Freedom Day
1	May	Workers' Day
16	June	Youth Day
17	June	'Youth Day' observed
9	August	National Women's Day
24	September	Heritage Day
16	December	Day of Reconciliation
25	December	Christmas Day
26	December	Day of Goodwill

JANUARY 2025

Mon	Tue	Wed	Thu	Fri	Sat	Sun
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

NRF National Research Foundation | SAIAB South African Institute for Aquatic Biodiversity

VISION 2030

Aquatic Biodiversity Science and Research that works for Society.

MISSION 2030

To improve the quality of life of all South Africans through advancing aquatic research, science, technology and innovation.

SAIAB's mandate for the next decade is to provide a transformed national institutional platform to develop human skills and capacity to conduct and promote world-class research on the biodiversity of South African aquatic ecosystems.

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