



**MINUTES OF  
125th SANCOLD MANAGEMENT COMMITTEE MEETING  
Held on Monday 11 June 2018 at 15:00 at the ARQ Offices, Lynnwood Manor  
Pretoria.**

**Action**

**1. OPENING and WELCOME.**

The Chairperson, Dr Quentin Shaw opened the meeting and welcomed all.

**2. ATTENDANCE, APOLOGIES and QUORUM.**

**Attendance.**

Quentin Shaw	Chairperson	QS	
David Cameron-Ellis	Treasurer	DCE	
Henry-John Wright	Webmaster	HJW	
Deon van der Merwe		DvdM	
Jaretha Lombaard		JL	
Xolani Mdleshe	DWS(NWRI)	XM	
Marco van Dijk	SAICE	MvD	
Louis Hattingh	Vice-chairperson		LH
Michelle Blaeser		MB	
Robert Greyling	by conference call	RG	
Vicci Schoeman		VS	
Peter Pyke	Secretary	Sec	
Duncan Grant-Stuart		DGS	
Wally Ramokopa		WR	
Danie Badenhorst		DB	

**Apologies.**

Apologies were received from Fanie van Vuuren, Gerrit Basson and Gerald de Jager.

**Quorum.**

A quorum was present.

**3. AGENDA (Amendments and adoption).**

The agenda was adopted.

**4. MANAGEMENT COMMITTEE MATTERS:**

**4.1 Management Committee Election 2018.**

It was noted that the HESA representative needed to be reconfirmed for 2019 and that term of office for Gerrit Basson (ICOLD VP) ended at the end of this year. The terms of office for David Cameron-Ellis, Henry-John Wright and Vicci Schoeman (under 35) is to end in 2018 and elections would be required to fill the posts at the end of November 2018. **(Sec)**

**4.2 Co-option of additional Management Committee Members.**

All posts are filled and no co-options are required.

**4.3 Portfolios for SANCOLD Management.**

To spread work load more evenly,

	<b>Portfolio</b>	<b>Responsible Person</b>	<b>Support Persons</b>
1	Membership	Secretary	Treasurer
2	Finance/Treasurer	David Cameron-Ellis	
3	Institutional	Secretary	Danie Badenhorst
4	ICOLD	Secretary	Danie Badenhorst

5	Website	Henry-John Wright	
6	Young Persons	Jaretha Lombaard - YPF Chairperson	Sub-committee, Louis Hattingh, Fanie van Vuuren, Deon vd Merwe
7	Training / Lectures	YPF Chair & Sub-committee	Sub-Committee
8	Annual conference	Louis Hattingh & Sub Committee	Secretary
9	Marketing – increasing visibility	Quentin Shaw	Robert Greyling
10	Associated Studies	See listing on Guidelines & Publications NFSP – Fanie van Vuuren	
11	Working groups	Secretary	
12	Publications	Treasurer	Secretary
13	Africa Initiative	Quentin Shaw	Louis Hattingh

Other members of MC not assigned are to advise the Secretary of which task they are interested in order to spread the load between members of the MC. **(All)**

## 5. MINUTES OF MC 124

- 5.1 Amendments.  
No further amendments.
- 5.2 Approval.  
Approved – Proposed HJW, seconded DGS.
- 5.3 Matters arising from previous minutes.  
4.3.1 Committee W: Selection of Dam Type – Term of committee ends 2018.  
No further action required.
- 4.3.3 Update Budget and master Plan for NFSP – outstanding. **(FvV)**
- 4.3.5 Your Tailings Dam DGS to finalize and send to DCE for review. **(DGS)**
- 4.3.6 Awaiting reply from DWS Minister see also current item 6.4.1.
- 4.3.7 See current item 7.4.
10. Marketing Strategy – outstanding **(QS)**  
Dissemination of information after ICOLD by webinar **(Sec)**
- 6.3 NFSP – prepare strategy with timelines and deliverables for circulation to Manco members – outstanding. **(FvV)**
- 6.4 SANCOLD Training, development & dam safety initiatives. Sub-committee to report on skills transfer lectures by mid-May. **(JL,VS,RG)**
- 8.2 8.2.2 Representation on ICOLD Committee I – Public Safety. Check with Zandile Mathe re attendance - finalise **(Sec)**

## 6. SANCOLD ACTIVITIES

- 6.1 Programme 2018.  
No further additions.
- 6.2 SANCOLD Annual Conference 2018.  
Time to be allocated to discussion of the APP process. **(LH)**  
LH presented an update on the venue and facilities Both LH and Sec had inspected the venue which looked good. Accommodation at alternative venues offered was very expensive while the chosen venue was reasonable and had alternative local accommodation options. Pricing details for the Conference and accommodation are to be shared and publicised widely as soon as possible. Still awaiting Heads of Agreement document from PCO. **(PCO, LH, Sec)**
- 6.3 National Flood Studies Programme (NFSP).  
FvV to provide details on progress initiating the NFSP. **(FvV)**
- 6.4 SANCOLD Training, APP development & dam safety initiatives.  
6.4.1 Training Workshops.  
LH wanted to introduce a 2-day training session on Surveillance preceding the SANCOLD Annual Conference. Due to the MC meeting scheduled for Tuesday afternoon a full two-day course would not be possible. A session for 1.5 hours on

Tuesday evening for discussion on APP matters is to be added to the programme. Other dates for this longer training are to be investigated. Workshops on AAR and on Rubble Masonry construction were also raised as possible topics for training. Feedback sessions from ICOLD Technical committee members is to be scheduled during Annual Conference. **(LH)**

DWS has a new Minister. To revive the previous initiative in which the Minister invited SANCOLD for discussions, Sec to send copy of letter to previous Minister to WR. WR to discuss training with Verena Meyer of DWS to get APP process on a more sustainable footing **(Sec, WR)**

#### 6.4.2 Quarterly Lectures.

Monthly Lectures on Agenda but this should be Quarterly Lectures. QS requested that the quarterly lectures be introduced soonest. YPF committee was finalising first lecture, proposed for end of July 2018. It was pointed out that Alan Chemaly was available and had already prepared a lecture which could be used in September 2018. Alan Chemaly is well respected in the community and his inputs are likely to be well attended and this should serve to set the benchmark for the training. MvD can provide further input around training initiatives. **(YPF Committee)**

#### 6.5 The Development of a Regional Initiative to address sub-Saharan Africa-specific topics.

QS and LH to raise this at the ICOLD Africa Regional Club meeting in Vienna, also to discuss with other Africa delegates in Vienna to set the scene for further development of the initiative under Michael Abebe. **(QS, LH)**

## 7. FINANCIAL MATTERS.

### 7.1 SANCOLD Scholarship 2018.

It was reported that the evaluation committee had recommended that the full scholarship not be awarded for 2018 but that three M Sc students be supported to the value of R45 000 each for one year. This was agreed and that the process for 2019 be started earlier to allow for better preparation and communication leading to better alignment of research proposals with SANCOLD requirements. The beneficiaries should provide written summaries of their work on completion of their research. **(Sec)**

### 7.2 Membership Matters.

The Secretary reported that there had been some 12 new individual membership applications and 2 new corporate applications since January 2018. There are a number of outstanding accounts for existing members which are still being pursued. The corporate accounts were prioritised due to higher value. Currently the Constitution requires that a disciplinary process take place for non-payment of membership fees. The Secretary must investigate changing the Constitution to a simpler termination of membership for non-payment of membership fees. **(Sec/DCE)**

### 7.3 Expenditure/ Income Statement 2017/18 and Budget 2018/19.

No detailed update was tabled.

### 7.4 Audit of books 2017 (SANCOLD and ICOLD 2016).

A last attempt to retrieve outstanding delegate income for the 2016 ICOLD event has been concluded with the addition of a few more delegate fees. The matter of the LHDA sponsorship has also been finalised, accepting that only approximately R125k of direct costs could be allocated in terms of the original offer made by the LHDA. The books are now with the auditors who will finalise their audit and transfer the proceeds as a line item to the 2017/2018 books, which will also be finalised. On completion a letter should be written to DWS thanking them for their contribution to ICOLD 2016. **(Sec)**

### 7.5 Guidelines for SANCOLD support for ICOLD attendance.

The Guidelines were updated and expanded by the Secretary. A clause should be added requiring beneficiaries to provide a written report back within 6 weeks of the ICOLD Technical Committee meeting summarising activities, progress and their contribution to Committee work. **(Sec)**

## 8. ICOLD ACTIVITIES.

8.1 ICOLD Circular Letters.  
There were no outstanding issues.

8.2 ICOLD Vienna Congress 2018.

8.2.1 Papers from SA.  
Noted.

8.2.2 Representation on ICOLD Committees.

The need to get active representatives was emphasised.

Leo v d Berg retiring end June 2018 – Sec to check on continued participation. **(Sec)**

Xolani Mdletshe to be considered if Zandile Mathe not active. **(Sec)**

Wally Ramokopa to take over from Bertrand Collet – Sec to check with Bertrand. **(Sec)**

Rudolf van Wyk to replace Juandre Theron as representative. **(Sec)**

Secretary to check with Kelvin Legge on progress with “Your Dam”. **(Sec)**

DGS reported that the next Tailings Dam Bulletin will be finalised in Vienna.

Anglo American has indicated that they will drive a document on seismic risk in South Africa. Anglo American requested input from SANCOLD on the preparation of a document, DCE to be main contact and will check with Graham Roberts for assistance. The blasting documents will follow on from a paper to be presented in November 2018 by Claude Cunningham and David Cameron-Ellis. **(DCE)**

There is a need to review the 2011 SANCOLD Guideline on Freeboard for Dams and clarify inconsistency issues. For this we need feedback from the DSO. WR as head of DSO, to provide feedback on the implementation of the guidelines since 2011. **(WR)**

### SA representatives on ICOLD Committees and SANCOLD Working Groups: 2018.

No	Committee Name	Term	SA Representative	SANCOLD Working Group
A	Committee on Computational Aspects of Analysis and Design of Dams.	2017-2020	Graham Roberts	RSA membership to be approved in Vienna <sup>2</sup>
C	Committee on Hydraulics	2016-2019	Henry-John Wright	D Cameron-Ellis J Lombaard
D	Committee on Concrete Dams	2015-2018	Q Shaw	J Kroon H-J Wright A Botha D Ochan Werner Delpont
E	Committee on Embankment Dams	2017-2020	D Badenhorst (Vice Chair)	K Legge (Geofabrics) D van der Merwe Cameron Fynn
F	Committee on Engineering Activities Associated with the Planning Process for Water Resources Projects	2014-2017	L Mabuda	Menard Mugumo Jannie van der Mescht
H	Committee on Dam Safety	2015-2018	I Segers	L Hattingh L van den Berg Bongani Sibanda Alan Kockott Bandula Kendaragama
I	Committee on Public Safety Around Dams <sup>3</sup>	2016-2019	Ms Zandile Mathe Xolani Mdletshe? <sup>3</sup>	Vacant-SANCOLD Members please apply to the Secretary
J	Committee on Sedimentation of Reservoirs	2017-2020	Prof G Basson has requested that SA become a member	To be approved in Vienna <sup>2</sup>
K	Committee on integrated operation of hydropower stations and reservoirs	2015-2019	L Furstenburg	John Sawyer
L	Committee on Tailings Dams	2014-2017	Duncan Grant-Stuart	Andrew Copeland John Wates

				Steve Dorman Bone Makgekgenene Danie Brink
M	Committee on Operation, Maintenance and Rehabilitation of Dams	2018-2020	P D Pyke (Vice Chair)	L Moloi Rep of Umgeni Water
O	Committee on the Register of Dams & Documentation	2017-2020	Mr Bertrand Collet Wally Ramokopa? <sup>3</sup>	Leo vd Berg from the Dam Safety Office (DSO).
P	Committee on Cemented Materials Dams	2017-2020	David Cameron-Ellis	Vacant-SANCOLD Members please apply to the Secretary
Q	Committee on Dam Surveillance	2015-2018	L Hattingh Chairman	A Botha DJ Hagen J Lombaard
R	Committee on Multi-purpose Dams and Reservoirs	2013-2016	Dr Beason Mwaka	Dr Nezar Eldidy Naseem Vahid Vacant-SANCOLD Members please apply to the Secretary
T	Ad hoc Committee on prospective and new challenges for dams and reservoir in the 21st century	2017-2020	H Anderson <sup>1</sup>	
V	Committee for Hydromechanical Equipment	2016-2019	Rudolf van Wyk?	C van Dongen Michael Ellis?
W	Ad hoc Committee on the Selection of Dam Type	2015-2018		Linked to Embankment Dam Working Group
Y	Committee on Climate Change	2014-2017	G de Jager	????
RE	Committee on Resettlement due to Reservoirs	New	SA invited - DWS ???	

Representation cannot be changed In the case of an **ad hoc committee**. SANCOLD Working Group members make inputs into the ICOLD Committee via the SANCOLD Representative.

1. Corresponding Member
2. SANCOLD applying for membership. Approval needed by the General Assembly
3. Note Changes of Representatives require General assembly approval which must still be submitted

## SANCOLD Working Groups for SANCOLD Guidelines and Publications

<b>Guideline/Publication</b>	<b>Convenor</b>	<b>SANCOLD Working Group</b>
Guideline on Floods	Fanie v Vuuren	Andre' Gorgens Danie van der Spuy David Cameron-Ellis
Guideline on Risk Analysis	Louis Hattingh	Ivor Segers Pilate Moyo Moses Motaung Gerald de Jager Louis Kirsten
Geotextiles for Dams	Kelvin Legge Danie Badenhorst	Prof Fannin <del>Eduard Vorster</del> +Local experts
<i>Your Dam</i> Publication	Kelvin Legge	
<i>Your Tailings Dam</i>	Duncan Grant-Stuart	
Guideline on Ecological Water Reserve	Gerald de Jager	Ms Hermien Oberholzer Dr Patsy Scherman
Guideline on Blasting Practices	David Cameron-Ellis	Claude Cunningham Gerrie van Jaarsveld
Seismic	Anglo American drives initiative	David Cameron- Ellis Graham Roberts (?)
Pollution Control Dams	Kelvin Legge	?
Freeboard	TBC	Louis Hattingh David Cameron-Ellis Henry-John Wright

For SANCOLD Working Groups – for NFSP convenor replace Jeff Smithers by Fanie van Vuuren and add Gerrie van Jaarsveld to working group on Blasting Practices. **(Sec)**

- 8.2.3 Financial support for ICOLD 2018.  
Refer to item 7.5. **(Sec)**
  - 8.2.4 SA delegation to General Assembly.  
Voting member Quentin Shaw, plus Henry-John Wright and Peter Pyke.
  - 8.2.5 Filling of two VP Posts (2018-2021).  
VP (Africa) Michael Abebe.  
VP(6th Post) Ali Noorzad.
  - 8.2.6 Nomination for post of President.  
Michael Rodgers.
- All the nominations appear unopposed.

## 9. GENERAL.

- 9.1 Co-operation with WISA.  
QS informed that a meeting with Dr Eldidy had revealed that the cooperation envisaged was to compile an organisational knowledge base for use during emergency situations. **(QS)**
- 9.2 Seismic loadings for the design and safety evaluation of dams.  
Anglo American looking to develop a guideline on Seismic Risk. DCE and Graham Roberts to oversee and review SA context. **(DCE, GR)**

## 10. DATE AND VENUE OF THE NEXT MEETING.

15:00 on Tuesday 6<sup>th</sup> November at Lord Charles NH Hotel, Somerset West.  
Meeting request to be placed on Outlook for future meetings. **(Sec)**

## 11. CLOSURE.

The Chairperson closed the meeting after 18:00.