



**MINUTES OF THE  
141<sup>st</sup> SANCOLD MANAGEMENT COMMITTEE MEETING  
At 09:00 on Tuesday 09 May 2023 held virtually.**

**Action**

**1 OPENING AND WELCOME**

The Chairperson, Henry-John Wright, opened the meeting and welcomed all.

**2 ATTENDANCE, APOLOGIES AND QUORUM**

**Attendance**

Comfort Mahlabela		CM
Gerald de Jager		GdJ
Jacques du Plessis		JdP
Guy Robertson		GR
Marco Van Dijk		MVD
Kogi Naidoo		KN
Mongezi Gxamza		MG
Sego Kelefetswe		SK
Andrew Copeland		ACo
Ashley Coetzee		AC
Benjamin Oberholzer	Webmaster	BO
Michelle Blaeser		MB
Henry-John Wright	Chairperson	HJW
Quentin Shaw	Past-Chairperson	QS
Janice Zhang		JZ
Danie Badenhorst		DB
Leon Furstenburg	Technical Secretary	TSec
Chikondi Gurira	Admin Secretary	CG
Senzo Masikane	Administrative Assistant	SM

**Apologies**

Apologies were received from Robert Greyling (RG), Duncan Grant-Stuart (DGS), Cherie Starke (CS), David Cameron-Ellis (DCE) and Wally Ramokopa (WR).

**Quorum**

A quorum was present.

**3 AGENDA (AMENDMENTS AND ADOPTION)**

Professional Conference Organiser (PCO) Proposal to be added under item 5.6 - Management Committee.

Africa Regional Club to be added under item 8.2.4 – ICOLD Matters.

WRC and SANCOLD interaction to be added under item 6.14 – SANCOLD Activities.

The agenda was adopted.  
Proposer: TSec and Seconded: GR

#### 4 MINUTES OF MC 140

Minutes of MC 140 were approved with the below amendments.  
Proposer: DB and Seconded: QS.

2, page 1 8.2.4, line 1	Rectify attendance and spelling error for K Naidoo's name to Kogi. Add the title of the question that was submitted.
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#### 5 MANAGEMENT COMMITTEE MATTERS

##### 5.1 Management Committee 2023

HJW welcomed all members present and highlighted new/renewed members of MANCO:

- Andrew Copeland, co-opted for Tailings Dams on MANCO and ICOLD Committee L: Tailings Dams.
- Benjamin Oberholzer, new SANCOLD Webmaster.
- Comfort Mahlabela DWS NWRI branch representative and Mongezi Gxamza DWS P&I branch representative.
- Gerald de Jager, renewed co-option for instream flow requirements.

SK indicated that a meeting would take place within SAICE to confirm the continuation or replacement of the SAICE representative. **[SK]**

TSec and CG to confirm the continuation of MVD's term as the University representative. **[TSec, CG, MVD]**

Management Committee list to be updated and aligned with SANCOLD website list. **[CG, BO]**

##### 5.2 DWS Infrastructure Branch Membership

CM and CG confirmed that a payment was made and received, for the 2023 membership fees. **[DCE, CM, MG, TSec]**

DCE, HJW and CG to action the waiving of historical outstanding membership fees to facilitate the continued representation of DWS NWRI on MANCO since the 2023 payment has been received. **[DCE, CG, HJW]**

##### 5.3 Scholarships

Payments have been made to the selected students. TSec and CG to advertise scholarships in September. **[TSec, CG]**

#### 5.4 **ECSA Accreditation for CPD Validation**

The audit is scheduled to take place in October 2023 due to a backlog on ECSA's side. Three dates were selected by SANCOLD in the first and second week of October and awaiting confirmation from ECSA on the exact date. All CPD records and are on file in preparation for the audit. CG to circulate the drafted CPD Policy document to MANCO for review and adoption. **[CG]**

#### 5.5 **Concept Marketing Strategy**

JZ reported that the focus for the portfolio was refined to (1) promoting the Annual Conference as the main income generating activity for SANCOLD and (2) attracting more corporate members. Proposed activities to promote the conference were:

- Outreach to mining clients through a social event such as a golf day, promoting SANCOLD to engineers and clients in the mining industry.
- SANCOLD representation at the Southern African Institute of Mining and Metallurgy (SAIMM) Conference through a brief presentation aimed at potential corporate members in the sector as well as promoting the annual conference.

JZ and RG to obtain the date of the SAIMM Conference, engage with their Conference Organisers regarding a presentation slot, thereafter, decide who will present. **[JZ, RG]**

JZ confirmed that social media platforms (Facebook, LinkedIn and Instagram) have been set up without publishing content, pending MANCO input on the content vetting/guidance process. MANCO to discuss the type of content to be posted and vetting process at the next meeting, in the meantime webinars and SANCOLD activities to be posted on the social media platforms. **[JZ, RG]**

KN suggested the rebranding/expansion of the SANCOLD LinkedIn Group to be inclusive of all SANCOLD members and not just YPF members. **[JZ, RG]**

QS noted that Water Boards and Catchment Management Agencies are to be targeted as members.

Newsletters to promote the sale of advertisements on the website. **[TSec]**

#### 5.6 **PCO ADVERTISEMENT**

TSec indicated that a PCO advertisement was circulated to six organisations and responses were due on the 12<sup>th</sup> of May, Friday 2023.

TSec, MB, DB and HJW to review the submitted proposals and provide a recommendation to MANCO. **[DB, TSec, MB, HJW]**

## 6 SANCOLD ACTIVITIES

### 6.1 SANCOLD Events

#### 6.1.1 SANCOLD Annual Conference 2022

It was reported that the books for the Conference are still outstanding. MB to send out weekly reminders to PCO. **[MB]**

#### 6.1.2 SANCOLD Annual Conference 2023

The Conference was planned to be held in first or second week of November in Durban/Ballito area. The appointed PCO to assist in sourcing accommodation and finalising the date, with the intention of including Hazelmere Dam as a technical site visit.

The tentative theme is "A Dam: a critical resource in present times". The first announcement to be made in May. Highlighting the impacts of climate change on inflows into dams, hydropower, and water availability.

MG highlighted possible challenges with holding the conference outside Gauteng due to the cost implications for government employees attending the conference. MG to have a discussion with Steven Arugurum considering the feasibility of DWS to attending the Conference. **[MG]**

TSec, CG and HJW to write a letter inviting the DWS Minister or Director General to be a Keynote speaker at the SANCOLD Conference. Alternatives mentioned were DDG of NWRI, Editor of the Story of the Orange River Project, published on SAICE website.

**[MB, CG, TSec, HJW, MG]**

### 6.2 National Flood Studies Programme (NFSP)

#### 6.2.1 SANCOLD Position paper on Floods

MVD indicated that there is a workshop scheduled to take place on 25 May 2023 and that it will be accessible virtually. CG and SM to circulate the brochure and link to MANCO once received from MVD.

HJW to follow up with DCE and others regarding the Position Paper.

**[MVD, CG, SM]**

### 6.3 SANCOLD Training, APP Development & Dam Safety Initiatives

#### 6.3.1 Facilitation of APP Training

MANCO to review the two-page document and provide feedback and/or comments. HJW outlined that it will be targeted to the general dam engineering fraternity and the younger generation to build up the overall dam engineering community. GdJ suggested that it be tailored more towards dam engineers, focusing on specific areas that they would be interested in. **[All]**

HJW highlighted the possible challenge of financing the initiative to include incentivising presenters to compile the courses.

QS mentioned the unique opportunity for APP Training that would differentiate SANCOLD from other training providers as well as the potential to utilise existing content from other countries and the flexibility that virtual training provides to run courses more frequently.

DB raised the potential to incorporate one day of training during the SANCOLD Annual Event in conjunction with the usual presentation of papers. **[MB, HJW, JZ]**

SM to recirculate the framework documents to MANCO to review. **[SM]**

### **6.3.2 Other Training**

Not discussed.

## **6.4 Young Person's Forum**

### **6.4.1 Lecture Programme**

JZ indicated that there have been challenges with securing speakers for the webinars but there are activities lined up for the second half of the year. Working with the Africa Regional Club (ARC), Ugandan and ICOLD YPF, a webinar was scheduled for next week, presented by Louis Hattingh on Dam Monitoring. **[JZ]**

KN and JdP volunteered to conduct webinars/presentations on case studies to add variety to the content presented in YPF webinars.

**[KN, JdP, JZ]**

### **6.4.2 Marketing, including social media**

AC requested guidance on what the YPF can post on social media. In addition to the resolution under Section 5.5., the following suggestions were given:

- Posting content from previous Conference papers that have been published, with the inclusion of images. This ensures that content is already public and therefore less likely to cause issues with consent as well as promoting conference speakers.
- Posting on the history or background of dam engineering in South Africa.
- General information on Dam Engineering for public knowledge.

YPF to create a schedule of posts to assist with getting input from MANCO.

**[AC, HJW]**

### **6.4.3 University Students and International YPF engagement**

Google forms have been circulated to UKZN students to garner interest and awareness of SANCOLD. JZ to share received contacts with the Secretariat for a record as student members. **[JZ, CG]**

GdJ suggested a webinar about SANCOLD, its activities and objectives, targeted at university students and promoted through the universities.

[JZ, HJW]

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

Discussed under item 8.2.4.

**6.6 Your Dam brochure**

HJW and Kelvin Legge were scheduled to meet in 1-2 weeks. The document had been developed further from the previous version. Feedback to be provided at the next MANCO meeting.

[HJW]

**6.7 Revival of initiative for discussions with the DWS Minister**

TSec indicated that little progress had been made regarding this matter. The new DWS members, DB, HJW and TSec to discuss further regarding the possibility of having an audience with the DWS Minister and including the request to keynote speak at the annual conference.

[TSec, DB, HJW, CM, MG]

**6.8 Updating of SA Register on Large Dams**

Interactions between WR, HJW and QS prior to the meeting indicated that the register is now up to date.

**6.9 SANCOLD Position Paper/Guideline for Emergency Action Plan (EAP) and Emergency Preparedness Plan (EPP)**

GR indicated that several team members have immigrated. GR to have a meeting with Cameron Fraser and members of the Dam Safety Office (DSO) to discuss potential collaboration with them.

[GR, DB]

**6.10 Improve Definition of Tailings Dam with a Risk**

ACo advised that the SANS 10286 document proposing the use of 5 consequence categories range from low, significant, high, very high to extreme, in alignment with Global Industry Standard on Tailings Management (GISTM), had been drafted and submitted to SANS. SANS had completed the technical and format editing however the document had been in their possession for almost a year, still pending the next expected step i.e., release of the document for public comment. A timeline for this step were not given.

Once SANS releases the document for comment, ACo to circulate it to MANCO before it is shared with SANCOLD members to encourage contributions.

[ACo]

**6.11 Proposed new brochure – Pollution Control Dams**

HJW to engage ACo to compile a paragraph on pollution control dams for the Your Dam brochure, after meeting with Kelvin Legge as indicated in item 6.6.

[HJW, ACo]

GdJ suggested the inclusion of the sizing of dams using stochastic water balance modelling. HJW confirmed that this was on the table of contents for discussion with

Kelvin Legge, after which one or two people would be engaged to draft a section on this. [HJW]

### **6.12 Guidelines for Freeboard Benchmarking**

DB presented a report on the Freeboard Benchmarking Guidelines development progress. DB indicated that MB, Deon van der Merwe, Prof Gerrit Basson and Eddie Bosman were consulted and feedback from Prof Basson and Eddie Bosman was documented.

The team's next step was to prepare examples and consider if the 2011 guideline should be upgraded or a separate state-of-the-art document developed, after which a training course could be considered. Once completed the proposal would be discussed with the DWS Dam Safety Office to garner their buy-in and possible adoption in the design review process. Draft to be ready for the next MANCO meeting. [DB]

HJW thanked DB and the team for the progress that they have made and highlighted possibly providing recommendations on up to what category of dams, Excel spreadsheets to be used and when to use other guidelines and models.

### **6.13 Circulation of Newsletter**

A newsletter was published in April and a second newsletter is to be published towards the end of the year. No responses had been received from the call to members to contribute feedback on what SANCOLD should publish more on. HJW advised including a summary of SANCOLD's planned activities and areas where members can contribute, e.g. webinars. [TSec]

### **6.14 WRC and SANCOLD Interaction**

HJW engaged the WRC, to reignite the relationship that has been dormant in recent years. WRC confirmed budget is available for any water-related research, which would include dams, although there is a specific process to be followed to access the funding. All MC members were encouraged to share any research pertinent to the dam industry that could be initiated. [All]

## **7 FINANCIAL MATTERS**

### **7.1 Financial Reports**

CG reported on the finances as DCE had rendered his apologies for the meeting.

The Statement of Cash Flows from 01 March 2023 to 09 May 2023 was presented. A positive net cashflow of R291 742.20, was recorded in the period with receipts of R421 522.78 and payments of R129 780.58.

## 7.2 Membership Matters

### 7.2.1 Outstanding Membership fees

CG did not report on the item as DCE had previously highlighted that there may be historical invoices still on the system that cause a difference in CG and DCE's record of paid-up members. **[DCE, CG]**

### 7.2.2 Membership fees

CG highlighted that there have been a few membership payments received without correct references and therefore not allocated to a member account. Members would need to be advised in the newsletter that they should provide the office with payment proof if they are still receiving reminder emails after paying fees. **[TSec, CG, DCE]**

## 7.3 Audit 2022 and Tax Clearance

CG confirmed that the outstanding information from Tourvest on the 2021 conference had been submitted to the auditors for the tax return to be prepared for submission to SARS. CG to follow up with the auditors when the Tax Certificate would be expected. **[CG]**

DCE would be requested to indicate in the next meeting if there are other financial items that are outstanding/need to be addressed. **[DCE]**

## 8 ICOLD ACTIVITIES

### 8.1 ICOLD Circular Letters

HJW presented the following Circular Letters that had been circulated to MC:

- CL2008: Election of Vice-President, Europe Zone
- CL2009: Reports Submitted by Technical Committees
- CL2010: 2023 Annual Meeting, Gothenburg (Sweden) Final Agenda

#### 8.1.1 Remarks on actions related to Circular Letters

CL2008: Only one applicant received, so no action required.

CL2009: No Action

CL2010: QS indicated that there are various initiatives being driven by ICOLD President, Michel Lino, which will be discussed further at the Gothenburg Conference, which relate to the methods for project development and implementation, however no particular action for SANCOLD.

### 8.2 ICOLD Issues

#### 8.2.1 Representation on ICOLD Committees

HJW provided feedback on committee representatives that were engaged and confirmed.



**Committee A** –Ryan Cassells was proposed.  
**Committee B** - Vacant  
**Committee C** – HJW to continue.  
**Committee D** – QS to continue.  
**Committee E** – DB to continue. JdP to be added to Working Committee.  
**Committee F** –GdJ be moved from Committee U to Committee F. L Mabuda will stay on as a corresponding member. MG to potentially be a corresponding member as well.  
**Committee G** –KN was proposed.  
**Committee H** – CM to continue.  
**Committee HWS** – Vacant.  
**Committee I** – Vacant.  
**Committee J** –Prof G Basson to continue.  
**Committee K** – TSec to continue, provided the mandate is expanded.  
**Committee L** – AC (Andrew Copeland) to replace DGS.  
**Committee LE** – Vacant.  
**Committee M** – Peter Pyke stepped down. Ed Lillee proposed.  
**Committee N** – Vacant.  
**Committee O** – WR to continue.  
**Committee P** – DCE awaiting feedback to transfer to NZSOLD.  
**Committee Q** – Louis Hattingh to continue.  
**Committee RE** – Vacant.  
**Committee S** – Confirmed Prof Smithers to continue.  
**Committee T** – H Anderson still active.  
**Committee TRS** – Vacant.  
**Committee U** – GDJ moving to Committee F. Now vacant and available for DWS member to possibly take over. HJW to follow up with MG and GDJ consider alternative name.  
**Committee V** – R Van Wyk still active.  
**Committee X** – Vacant.  
**Committee Y** – James Cullis to replace GDJ.  
**Committee Z** – TSec to follow up on V Schoeman.  
**Committee RE** – KN to move to Committee G (Environment).

### 8.2.1 SANCOLD Working Groups for SANCOLD Guidelines and Publications

HJW to update the Working Groups.

**Guideline on Floods** – no convenor

**Guideline on Risk Analysis** – no convenor

**Geotextiles for Dams** – DB indicated that the Bulletin is still under improvements and the French are contributing. Aiming for completion in 2024.

**Our Dam Publication** – Kelvin Legge.

**Pollution Control Dams** – in discussion with Kelvin Legge.

**Freeboard** – Section 6.13.

**Position Paper on Freeboard** – DB, see section 6.12.

**Position Paper on EPP** – DB, GR, MB, Deon van der Merwe, Prof Gerrit Basson and Eddie Bosman.

### 8.2.2 Important Dates

ICOLD Annual Meeting and Symposium: 11-15 June 2023.

Hydro-Africa:10-12 July 2023.

SANCOLD Annual Event – November 2023.

### 8.2.3 Technical Question Proposal

Question submitted for the ICOLD Congress 2025 was:

“Capacity Building to Ensure Sustainable Dam Operation and Maintenance and Dam Safety”.

### 8.2.4 Africa Regional Club

QS highlighted that no other ICOLD affiliated organisation in Africa holds an annual event. The closest active organisation would be Uganda, whose activities are well recorded in their local media. Hosting Hydro Africa can draw sponsorship from other African countries and could grow regional cooperation through South Africa.

QS intends to write a letter proposing a change in the Regional Club meetings to focus on solving problems and capacity building in the regions instead of reporting existing projects in the region. The usual content on current activities in each nation, could be compiled into an electronic newsletter that is circulated across the continent and ICOLD. With support from SANCOLD members, this would improve understanding of project success, operations, maintenance, and infrastructure debt repayment.

[QS, All]

DB highlighted that if an ICOLD/Hydro Africa Conference is to be hosted in South Africa, SA Tourism, DWS and DIRCO could be engaged to support. HJW to engage Allison Bart at the ICOLD Conference on her thoughts. CG confirmed that SAIAE could link SANCOLD with the relevant contact at SA Tourism dealing with conference support.

[HJW, QS]

## 8.3 Support for ICOLD 2023 Attendance

Correspondence on applications received would follow in the next two weeks.

[TSec]

## 9 GENERAL

No discussion.

## 10 DATE AND VENUE OF THE NEXT MEETING

The next meeting will be scheduled for 18 July 2023. Same time was preferred, but to be checked (09:00 to 12:00). Venue to be confirmed.

## 11 CLOSURE

The meeting was closed at 12:30.