



SANCOLD ANNUAL REPORT 2011

The year 2011 was devoted to the consolidation of the restructuring of SANCOLD undertaken in the previous years and to the extension of various local and international initiatives. New members were elected to the SANCOLD Management Committee at the previous Annual Meeting in terms of the revised Constitution which now reserves two positions for members under the age of 35 years. Michelle van den Berg and Ivor Segers were elected to these positions. Michelle was also elected by the Management Committee to the Executive Committee. It is pleasing to report that these younger members have participated actively in matters pertaining to the Management Committee and this bodes well for the future. The 2011 Management Committee structure is given below.

SANCOLD Management Committee 2011

No	Name	Organisation	Term * of Office	Remarks
1	B Mwaka	DWA (P&R)	2013	Reserved position.
2	L Moloji	DWA (NWRI)	2011	Reserved position. DWA to re-nominate
3	T Tente	SAICE	2012	Reserved position. Alternate Dr E Vorster
4	G Basson	HESA	2011	Reserved position. HESA to re-nominate
5	S Mabuda	DWA	2011	Existing member of MC and Vice-Chair
6	K Wall	CSIR	2011	Existing member of MC
7	P Pyke	DWA	2011	Coopted member of MC (Treasurer)
8	D Badenhorst	BKS	2012	Elected in 2009 for a 3-year term (Chairperson)
9	WS Croucamp	DWA	2012	Elected in 2009 for a 3-year term
10	Q Shaw	ARQ	2012	Elected in 2009 for a 3-year term
11	M Van Den Berg	ARQ	2012	Elected in 2010 for a 2-year term <35 years
12	I Segers	DWA	2013	Elected in 2010 for a 3-year term <35 years
13	D van Wyk	Aurecon	2013	Elected in 2010 for a 3-year term
14	Duncan Grant-Stuart	Knight Piesold	2011	Coopted member for one year for expertise on tailings dams
15	CPR Roberts	-	Contract	Externally appointed Secretary.

* The term of office is defined from the November elections. A one-year term is denoted as 2011 and will end at the end of the calendar year.

The SANCOLD Management Committee has decided in terms of the amended Constitution that the 2011 elections will be conducted via an electronic nominating and voting process as it offers the wider membership an opportunity to participate. Members are encouraged to participate in this election. Two positions are being contested and two of the reserved positions have to be filled by nomination from the respective organisations as reflected in the table above

Membership increased somewhat during the year as follows:

Membership Class	2010	2011
Corporate	46	47
Individual	112	126

We hope to gain further membership following the well-attended 2011 Annual Event. Members are also requested to encourage colleagues and organisations to join SANCOLD.

SANCOLD focussed on a number of local matters during the year, the foremost being:

- Formation of SANCOLD Working Groups related to ICOLD Committees on which SANCOLD has representation;
- Completion of the SANCOLD Guideline on Freeboard for Dams in collaboration with the Water Research Commission. These Guidelines are released at this SANCOLD Annual Event.
- Relevant information to members;
- Award of a post-graduate scholarship in dam engineering for 2011 and calling for applications for 2012 to 2013.
- Revision of SANCOLD's list of publications;
- Organisation of the 2011 SANCOLD Annual Event;
- Inputs to the SAICE Report card on the state of National Water Resources Infrastructure;
- Maintenance of the SANCOLD website by Dr Andre' Bester. The website was unfortunately hacked and is being revamped to include additional security features.

SANCOLD represents South Africa on the International Commission on Large Dams (ICOLD). We have representation on 12 of ICOLD's 26 Committees. These Committees are a key activity of ICOLD and require much dedicated effort on the part of the participants. South African Working Groups have been formed for most of these Committees and the names of the participants are reflected in the tabulation below.

SA representatives on ICOLD Committees and SANCOLD Working Groups 2011

No	Committee Name	Committee Term	SA Representative	SANCOLD Working Group
C	Committee on Hydraulics for Dams	2009-2013	Dawid van Wyk	Dr Andre' Bester
D	Committee on Concrete Dams	2009-2012	J Kroon*	Dr Q Shaw H-J Wright
E	Committee on Embankment Dams	2010-2014	D Badenhorst	H Elges Johan Beukes K Legge (Geofabrics)
F	Committee on Dam Surveillance	2009-2011	Dr C Oosthuizen	
H	Committee on Dam Safety	2010-2012	I Segers*	Dr C Oosthuizen L Hattingh L van den Berg Bongani Sibanda
L	Committee on Tailings Dams	2007-2011	JRG Williamson (Chairman)	Duncan Grant-Stuart** L van den Berg
M	Committee on Operation, Maintenance and Rehabilitation of Dams	2007-2011	PD Pyke (Vice-Chairman)	L Moloji
O	Committee on the Register of Dams & Documentation	2010-2011	Bertrand Collet	L van den Berg (DSO).
P	Ad Hoc Constitutional Committee	2010-2011	Dr C Oosthuizen*	P Roberts
Q	Committee on Dams for Hydroelectric Energy	2007-2011	L Furstenburg	Janus Basson John Sawyer
R	Ad Hoc Committee on Small Dams	2010-2011	DB Badenhorst	
Z	Ad Hoc Committee on Capacity Building	2009-2012	K Wall*	

* = Corresponding member.

** SA's Representative after the ICOLD meeting in Lucerne.

The 2011 ICOLD Annual Meeting in 2011 was held in Lucerne, Switzerland and was attended by 12 South African delegates. Some highlights of the meeting are given below.

The extensive amendments proposed by the Constitutional Committee to the ICOLD Constitution and By-Laws were approved with no opposition. These amendments were made to improve the governance arrangements of ICOLD and to improve its functioning. Paul Roberts of SANCOLD and a colleague in the USA made major inputs in the process

and we are gratified that SANCOLD has been instrumental in such important international activities.

The Executive Meeting (now renamed General Assembly) in Lucerne went off well and the highlight from South Africa's perspective was the presentation to host the ICOLD 2016 Annual Meeting in South Africa. South Africa hosted an Annual Meeting in 1978 (Cape Town) and a Congress in 1994 (Durban). The formal bid will be made in 2014. We have already received the in-principle support of the Department of Water Affairs for the matter. Preliminary planning has been undertaken and Sandton, Johannesburg has been selected as the venue because of its central nature, excellent infrastructure and conference facilities. An Organising Committee had been appointed to prepare the bid and many more volunteers will be needed for the implementation phase if we are successful. The hosting of this major event offers many challenges and opportunities to the dam engineering sector in South and Southern Africa.

ICOLD is in the throes of changing its policy in regard to the sale of their publications (Bulletins) and the Executive Meeting in 2010 decided to make them cheaper in order to increase dissemination of the information via the National Committees. Draft Bulletins will be made available at an earlier stage to enhance distribution. We still await details from the ICOLD Central Office regarding the implementation of this decision. We have in the meantime received the access code for downloading and members should approach SANCOLD for electronic versions of the documents.

The next ICOLD Annual Meeting and Congress will be held in Kyoto, Japan from 2 to 8 June 2012. Details are available on the ICOLD website and on the Congress website www.icold2012kyoto.org. It is pleasing that twelve papers have been submitted to ICOLD for the Congress.

SANCOLD's finances are sound for the current level of activity, but will require supplementation probably via sponsorships should we host an ICOLD Annual Meeting.

Water matters have featured strongly in the media in recent months and concerns have been expressed about various issues such as water quality, lack of technical skills, maintenance of infrastructure and lack of water services. SANCOLD plays a role in the water management structure such as interchange of technical information and training in matters pertaining to dams. This role will become of increasing importance in the future as our water resources infrastructure ages and needs rehabilitation. South Africa and Lesotho have concluded an agreement to proceed with Phase 2 of the Lesotho Highlands Water Project and this major water project will be a major boost for dam engineering in Southern Africa. We intend to have Study tour visits to the project during the ICOLD Annual Meeting of 2016. Access to current international best practice will be a crucial resource for this Project and ICOLD linkages will be essential.

Appreciation is expressed to the members of the SANCOLD Management Committee for their support during the year. Appreciation is also expressed to retiring Management Committee members for their contributions to SANCOLD. Thanks are also added to my SANCOLD Colleagues for all of their inputs into this organisation.

BBadenhard.

**Chairperson: SANCOLD
November 2011**