



SANCOLD

SANCOLD News

Newsletter of the South African National Committee on Large Dams

www.sancold.org.za

August 2018



SANCOLD Annual Conference and AGM 2018:

The Annual South African Committee on Large Dams (SANCOLD) Conference 2018 is to be held from **Wednesday 7 to Friday 9 November 2018** at the **NH Cape Town Lord Charles Hotel in Somerset West** in the Western Cape.

The Conference theme is: **“Sustainable dam engineering in an ever changing world.”** We are looking forward to some lively discussion around some 60+ papers for which abstracts have been accepted and will be submitted for the two days of conference. There will be a full programme which includes a social evening for the Young Persons’ Forum, the SANCOLD AGM and the Conference Dinner. The third day is devoted to site visits of either earthfill embankments under construction or swelling of concrete due to chemical reaction.

Up to 3 CPD points are available depending on attendance.

Bookings opened on 1 July and early bird discounts are available until 15 August 2018.

Further details are available on the SANCOLD website or for online registrations

<http://www.eiseverywhere.com/sancold2018>

Make your reservation early to take advantage of the Early Bird discount

A discussion session on **“Engineering capacity and skills development”** will also be held in the evening of Tuesday 6 November 2018 to following on the discussion held at the 2017 SANCOLD Conference.

SANCOLD Financial Support for post graduate studies:

SANCOLD has identified the urgent need to update the data and methods used for design flood estimation in South Africa and has initiated a National Flood Studies Programme (NFSP) to update these. To advance this programme, SANCOLD is proud to announce that it has provided for 2018, financial support of R45 000 to each of three students whose research links into furthering this programme.

This financial support was provided to Nkosinathi Dlamini whose study proposal is “Apply and assess a Joint Probability event based approach to

design flood estimation for South African catchments”, Nkululeko Mabila whose research proposal is “Assess the performance of selected simple Continuous Simulation Modelling approaches for Design Flood Estimation in South Africa” and Keanu Singh whose research proposal is “An assessment of data quality and availability on the estimation of design floods in South Africa”.



Nkosinathi Dlamini



Nkululeko Mabila

They are all studying for their M. Sc. Hydrology degree at the University of Kwa-Zulu Natal under Professor Jeff Smithers. Keanu Singh didn't supply his photo in time for inclusion.

We wish them much success in their studies.

Membership Contact Details

Please inform the SANCOLD Secretary of changes in your e-mail address or other contact details.

E-mail: Secretary@SANCOLD.org.za

SANCOLD Membership.

SANCOLD has two membership classes namely:

- Corporate Membership;
- Individual Membership.

We currently have 58 Corporate and 239 Individual Members, with a number of new members having joined recently. It is heartening to see that many of these qualify for the Young Person's Forum (YPF) which bodes well for the future.

In terms of the SANCOLD Constitution, it is the member's responsibility to pay membership fees until resigning in writing. There are a few members whose subscription is in arrears and who are in danger of losing their membership and the privileges that go with it. Please ensure that you kept us up to date with changes in contact details.

SANCOLD Management Committee.

The current SANCOLD Management Committee is as follows:-

Name	Organisation	Term of Office
B Mwaka	DWS (P&I)	2020
X Mdletshe	DWS (NWRI)	2019
M van Dijk	SAICE	2019
F van Vuuren	HESA	2018
G Basson	U of Stellenbosch	2018
J Lombaard*	Chairperson YPF AECOM	2019
Q Shaw*	Chairperson ARQ	2019
D van der Merwe	AECOM	2019
Ms M Blaeser	ARQ	2019
L Hattingh*	Vice-Chairperson Hattingh Anderson Assoc	2020
R Greyling	Knight Piesold	2020
V Schoeman*	Knight Piesold	2018
D Cameron-Ellis*	ARQ	2018
H-J Wright*	ARQ	2018
G De Jager	AECOM	2018**
D Grant-Stuart	Knight Piesold	2018**
W Ramokopa*	DWS	2018**
D Badenhorst	AECOM	2018**
P D Pyke*	Contract -	2020

Notes:

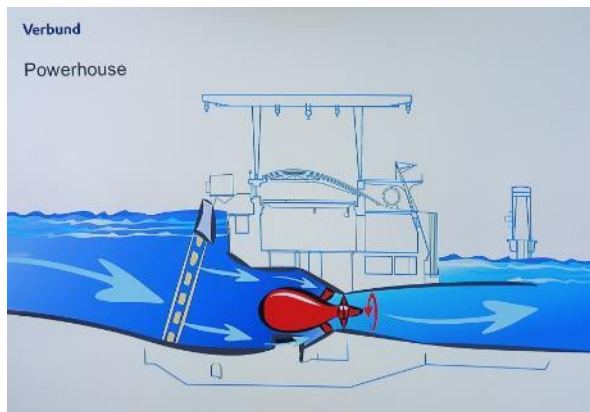
- The term of office is defined from the year following the November elections in the previous year.
- Exco Members will be indicated thus. (*)
- Co-opted members indicated thus (**)

Congratulations to Jaretha Lombaard who was elected Chairperson of the Young Person’s Forum. We look forward to an eventful year driven by the YPF. Plans are already afoot to introduce quarterly relevant training lectures by experienced practitioners. Watch out for further details.

Elections will be required in November 2018 fill the positions of D Cameron-Ellis, H-J Wright and V Schoeman whose terms of office expire.

ICOLD 26th Congress and 86th Annual Meeting July 2018, Vienna.

A contingent of some 27 persons (including accompanying persons) from South Africa attended this year’s ICOLD Congress and Annual Meeting. A challenging programme of Technical Committee Meetings, Technical Symposium, and the Congress were spread out over 7 days with many of the events overlapping or in parallel sessions meaning that attendees had to choose between agenda items and miss some of them.



Technical Visit to Verbund low head run-of-river Hydropower site on the Danube River



Model of Verbund Hydropower installation

SANCOLD members who held our flag high with impressive presentations at the Congress were Gerrit Basson, Michelle Blaeser, Jaretha Lombaard, D-J Hagen and Quentin Shaw. They were invited to make the presentations based on papers they had submitted together with their co-authors.



Jaretha Lombaard makes her presentation

Editor: SANCOLD News

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Michael Rogers of the USA was elected ICOLD President, Michael Abebe of Ethiopia as Vice-President (VP) for Africa and Ali Noorzad of Iran as VP 6th Post. These positions are for the next 3 years.



New ICOLD President Michael Rogers

Congratulations to our SANCOLD Chairman Quentin Shaw who was presented with an ICOLD award for Innovation for his work in the dams field during the ICOLD Meeting. (He was also recently elected as a Fellow of the SA Academy of Engineers.)



Quentin Shaw receives ICOLD Innovation Award from outgoing ICOLD President Anton Schleiss.

The next ICOLD Annual Meeting will be held in Ottawa, Canada, 9-14 June 2019.



Quentin's award

Technical Committees and SANCOLD Working Groups.

SANCOLD serves on 18 of the 26 ICOLD Technical Committees and includes two Vice-chairpersons and two Chairpersons in its ranks. ICOLD has issued a useful "Guidelines for Technical Committees" which is available on the ICOLD website under Members Section, Circular Letters, No 1937.



ICOLD Technical Committee at work

SANCOLD Working Groups have also been formed for most of these Committees. If anyone is interested in participating in a Working Group, please contact the SANCOLD Secretary. Further information is on the SANCOLD website.

Training events.

SANCOLD is planning the following training events in the second half of the year:

- “**Dam Safety in the mining environment**”, 25 and 26 October 2018 (1.5 CPD points), Pretoria.
- “**Dam surveillance including the art of measurements, proper interpretation and the importance of inspections**”, 5 and 6 November 2018 (the 2 days preceding the Annual SANCOLD Conference), (2 CPD points), NH Cape Town Lord Charles Hotel in Somerset West.

SANCOLD YPF.

The SANCOLD YPF held their first meeting outside of an annual conference on 2 August 2018 in Centurion. The meeting included a technical forum where three presentations were delivered, followed by a social event. Presentations included:

- **Introduction to dam engineering** (Edwin Lillie)
- **3D-modelling and virtual reality in dam engineering** (Caroline van Dongen)
- **Becoming an APP: A young engineer’s perspective** (Vicci Schoeman)



Edwin Lillie walking around in an intake tower of a new dam using a Virtual Reality system

The YPF is planning a number of interesting events and socials during the course of the year. Please keep a lookout for notifications via email and on the SANCOLD YPF Facebook and LinkedIn pages.

Free ICOLD Publications for SANCOLD Members: Revised Password System

ICOLD took a decision in 2009 regarding easier (and cheaper) dissemination of its publications. This has been done via the revamped ICOLD website (www.icold-cigb.net). The ICOLD Central Office informed SANCOLD that it has changed the password system. Each user will be registered on the system in terms of their e-mail address and a unique personal password which is chosen by the individual. The personal password now gives such members access to all of the restricted sections of the ICOLD website. It allows access to the Members’ Section on the website and also for free downloading of ICOLD Bulletins (reports). Any paid-up SANCOLD member (Corporate or Individual) who requires this access must first apply to the SANCOLD Secretary for the password to be able to register on the system.