



SANCOLD

SANCOLD NEWS 2013.05.06

Africa 2013

The main focus of this edition of SANCOLD News is the feedback on the Africa 2013 Conference. The Africa 2013 Conference on Water Storage and Hydropower Development for Africa was held in Addis Ababa, Ethiopia from 16 to 18 April 2013. About 600 persons attended from 48 countries. ICOLD was one of the main supporting organisations. South Africa had 19 delegates and two Accompanying Persons. The event was held in the Africa Union Congress Centre. The event also included a technical exhibition of 56 stands, several of which were from South Africa. Full technical details of the Conference will be published in a forthcoming edition of *Hydropower and Dams*. This feedback in SANCOLD News is written from a SANCOLD perspective.

Some of the main highlights were:

- Seminar on dam safety presented and organised by Robin Charlwood (USA) and Paul Roberts (South Africa) the objective of which was to encourage African countries to apply international best practices in respect of dam safety practices and regulation.
- Africa Regional Club (ARC): The meeting was led by ICOLD Vice-President Gerrit Basson and was attended by representatives of seven African countries.
- Africa is gearing up for major hydropower and water resources development such as those in the Congo and in Ethiopia. There will be major commercial opportunities for South African Consulting and Contracting Companies.
- Prof Basson and Femi Sonuga co-chaired a parallel session on Capacity Building.
- The networking opportunities were most valuable in meeting up with various persons from different countries.

After the Conference we participated in an arduous four-day study tour to several water and hydro projects. We travelled about 1200 km on a variety of roads through some very mountainous country at high elevation. We had a convoy of 24 4x4 Land Cruisers! This gave an excellent opportunity of seeing some of the countryside and Ethiopian lifestyle. Selected photographs of the event are shown below.



Seminar on Dam Safety



L to R: Femi Sonuga (Secretary of the ICOLD Committee on Capacity Building), Imo Ekpo (Former ICOLD Vice President from Nigeria), Robin Charlwood, USA (Chairman, ICOLD Committee on Concrete Dams)



AURECON's Exhibition Stand with Bertrand Collet and Enoch Dlamini



Prof Gerrit Basson chairing the meeting of the ICOLD African Regional Club



L to R: Michel De Vivo (ICOLD Secretary General), Adama Nombre (ICOLD President), Paul Roberts (Secretary, SANCOLD)



GIBE III Dam under construction (246 m high RCC dam for 1 870 MW Hydropower)

SANCOLD Conference 2013

Details of the SANCOLD 2013 Conference have been circulated to SANCOLD Members and will soon also be on the SANCOLD website. We even have a mention of this Conference on the homepage of the ICOLD website www.icold-cigb.net and we hope to attract several participants from the international community and particularly from Africa. The SANCOLD Conference will be held at the Black Mountain Hotel in Thaba 'Nchu, Maria Moroka Nature Reserve between Tuesday 5 and Thursday 7 November 2013. SANCOLD invites all from Africa and the wider family of ICOLD to participate in the Conference which will include technical presentations, a technical visit and an exhibition. This is an ECSA Continuing Professional Development (CPD) accredited event. This Conference is a Category 1 activity and offers 3.0 credits. The theme of the Conference is *Advances in Dam Technology for Water and Energy in Southern Africa*. The Call for Papers has been made and Abstracts must be submitted by the revised date of **17 May 2013**. We have already received a large number of papers over a wide range of topics. The SANCOLD AGM will be held on Tuesday 5 November 2013 in the afternoon.

The Conference will include a one-day study tour to the Metolong Dam in Lesotho. Construction began in early 2011. The project entails the construction of a 73-m high roller compacted concrete dam with a 210-m crest length on the south of Phuthiatsana River, about 35 km from Maseru, and a multi-stage raw water intake and pump station



Metolong Dam under construction

SANCOLD Publications

Mention was made in the previous edition of SANCOLD News of the publications that SANCOLD is preparing. The SANCOLD Management Committee considered that we should provide the membership with regular progress reports and indications of where members can be involved. For convenience, a table has been given below of the various guidelines and publications which SANCOLD is preparing. The Convenor and members of the Working Group are indicated. If you would like to participate please contact the SANCOLD Secretary.

SANCOLD Working Groups for SANCOLD Guidelines and Publications

Guideline/Publication	Convenor	SANCOLD Working Group
Guideline on Floods	Willie Croucamp	Andre' Gorgens Danie van der Spuy
Guideline on Risk Analysis	Louis Hattingh	Ivor Segers Chris Oosthuizen Andre' Bester Pilate Moyo Moses Motaung Gerald de Jager
Geofabrics for Dams	Kelvin Legge	Prof Fannin Eduard Vorster +Local experts
<i>Your Dam</i> Publication	Kelvin Legge	Leo van den Berg Jan Nortje
SA Dams for ICOLD 2016	Michelle Blaeser	Authors to be identified

Flood Studies

The WRC research project undertaken by Prof Fanie van Vuuren and his team from the University of Pretoria to review the status and to determine the requirements for overhauling the Flood determination Methods in South Africa has been reviewed by SANCOLD and will then be released by the WRC. A workshop with potential and interested researchers will be held on 16 May 2013 to determine the road map for the programme. Workshop invitations have been sent to Weather Services, Water Affairs, SANCOLD, Research community, consultants.

81ST ICOLD Annual Meeting, Seattle, August 2013

The registration is open for this meeting. See www.icold2013.org Registrations after 1 May are now more expensive.

ICOLD 2016 Hosting in South Africa

The formal bid to host the 2016 ICOLD Annual Meeting in South Africa is under preparation and will be submitted at the ICOLD General Assembly in Seattle in August this year. To date, no other country has submitted its intention to bid. More to follow as detail emerges.

ICOLD Publications and Website

ICOLD took a decision in 2009 regarding easier (and cheaper) dissemination of its publications. This will be done via the revamped ICOLD website (www.icold-cigb.net). A password has been issued to each National Committee which allows access to the Members' Section on the website and also for free downloading of ICOLD Bulletins (reports). Any SANCOLD member who requires this access must apply to the SANCOLD Secretary for the password.

African Regional Club (ARC) of ICOLD

The ARC will be meeting in Addis Ababa, Ethiopia during the Africa 2013 Conference and again in Seattle in August at the ICOLD Annual Meeting.

With kind regards and I look forward to comments on this SANCOLD News and SANCOLD's activities.



Paul Roberts Pr Eng

Secretary: SANCOLD

E-mail: secretary@sancold.org.za

Website: www.sancold.org.za