



SANCOLD NEWS 2010.7.2

ICOLD Annual Meeting, Hanoi 23-26 May 2010

The ICOLD Annual Meeting has come and gone. South Africa had a large attendance of 17 persons. The official SANCOLD representatives at the 78th Executive Meeting were Danie Badenhorst (Chairperson), Peter Pyke (Vice Chairperson) and Dawid van Wyk. Peter Pyke also participated on the Editorial Panel for the Questions for the 24th ICOLD Congress to be held in Kyoto, Japan in 2012. The final questions are given below. Congratulations to Peter for his participation in this important activity. During the Annual Meeting, the 2010 round table discussion on **Africa Hydropower** was held in Hanoi with ICOLD initiating the development. The discussion was fruitful. This discussion will be organized to take place every coming year. Our representative on the ICOLD Committee on Dams for Hydroelectric Energy, Leon Furstenburg attended the meeting.

A meeting of the **Africa-Australasia Association of ICOLD** was held. The proposed ICOLD Constitutional changes were discussed and particularly the geographical zones within ICOLD. It was considered by the group that the current zoning of Africa-Australasia should remain and that Africa should not be a zone on its own.

Some of the highlights of the Executive Meeting which was attended by 52 member countries were:

- Mozambique and Ukraine elected as 91st and 92nd member countries.
- ICOLD's target is 100 member countries in 2012.
- Non-member African countries will be invited to coming ICOLD symposia and congresses through their ministries.
- South Africa has extended an invitation to host an Annual Meeting in 2016.
- Improved dissemination of ICOLD publications approved and more detail to follow once we have received the official communication from the ICOLD Central Office.
- Draft bulletins on following subjects (abbreviated) approved: Sedimentation, Seismic parameters, planning of water resources, Role of dams in river basins, Cut-offs for embankments, Tropical residual soils, Dam safety and earthquakes. I will inform you when they are available for distribution.
- The following new Vice Presidents were elected: Werner Floegl (Austria) for Zone Europe and Pham Giang (Vietnam) for Zone Asia.
- Vice Presidential Posts to be filled in 2011 are for Zone Africa-Australasia and for Zone America.
- Presentations were made by the host countries for the ICOLD meetings in 2011 (Lucerne) and 2010 (Kyoto).
- The financial status of ICOLD is stable.

Questions for the 24th ICOLD Congress, Kyoto, 2012

The following Questions have been approved during the Executive Meeting. It is pleasing to report that many of the proposals for questions submitted by SANCOLD have been incorporated into these questions.

Q92 – ENVIRONMENTAL FRIENDLY TECHNIQUES FOR DAMS AND RESERVOIRS

1. Environmental and social friendly planning, design and construction techniques for dams.
2. Mitigation and compensation measures.
3. Water quality and sediment issues.
4. Sustainable management of dams and reservoirs.

Q93 – SAFETY

1. Accidents and incidents in dams and reservoirs – Recent case studies.
2. Risks associated with human and organisational factors.
3. Legislation, regulatory concepts, guidelines and good practice.
4. Specific risks for small dams.
5. Risks specific to tailings dams, pump-storage schemes, flood control structures and other special purpose dams.

Q94 – FLOOD DISCHARGE

1. Evaluation, revision and selection of extreme and design floods.
2. Recent trends in spillway design and spillway upgrading.
3. Special risks from gates operation and floating debris.
4. Energy dissipation: stepped spillway, stilling basin and downstream erosion.

Q95 – AGEING AND UPGRADING

1. Risks associated with long-term behaviour of dam foundations.
2. Long-term behaviour of dam materials and structures.
3. Decommissioning or upgrading?
4. Upgrading for seismic safety.

Papers have to be submitted via the respective National Committee which is responsible for vetting the paper and ensuring that it complies with the Guideline for the Preparation of Papers. Papers must be submitted by **5 September 2011 to the ICOLD Central Office**. There are limitations on the number of papers which each National Committee may submit and we have a limitation of 20 papers and a maximum of 7 per Question. The SANCOLD Management Committee has approved the following schedule:

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| • Call for Papers in SANCOLD News | 2 July 2010 |
| • Submission of Abstracts to SANCOLD Secretary | 31 October 2010 |
| • Approval of Abstracts by SANCOLD | 30 November 2010 |
| • Submission of Papers to SANCOLD for review & editing | 30 June 2011 |
| • Submission of Papers to ICOLD before | 5 September 2011 |
| • Submission of Communications before | 5 November 2011 |

SANCOLD has the Guideline for Authors which will be provided to prospective authors on request. SANCOLD would encourage the dam industry to submit papers as we wish to make an important input at the forthcoming Congress.

SANCOLD Procedures for the Participation in ICOLD Events

SANCOLD represents South Africa in ICOLD and it is important that SANCOLD is aware of the participation of South Africans in ICOLD events. The following procedures must be communicated to the SANCOLD Secretary:

- Names of delegations to ICOLD activities to be forwarded to the Secretary at least one month before the ICOLD event so that the required co-ordination arrangements can be made (eg attendance of ICOLD Committee meetings).
- Any paper or presentation for ICOLD symposia and congresses must be submitted for review to the Secretary.

ICOLD Annual Meeting, Lucerne, Switzerland, June 2011

The next Annual Meeting will be held in Lucerne, Switzerland. An international one-day symposium on **Dams and Reservoirs under Changing Challenges** which will be held during the above event. Further detail can be downloaded from the website www.swissdams.ch

SANCOLD Annual Event

The 2010 SANCOLD Annual Event is to be held in Pretoria (CSIR Conference Centre) in October 2010. The event will consist of the following items:

- **Short course** (1.5 days) on 11 and 12 October 2010 on **Basic principles of design, construction and evaluation of small to medium dams, especially embankment dams.**
- **Symposium on specialized aspects of dam engineering**, 12 and 13 October.
- **SANCOLD Annual General Meeting** (Annual report, elections, Constitutional amendments) **Tuesday 12 October.**
- Optional **site visit** to the De Hoop Dam which is under construction. Thursday 14 October.

Further full detail of the event and the Call for Papers for the Symposium will be circulated soon.

SANCOLD Working Groups

SANCOLD participates in a number of ICOLD Committees. Some of the participation is as a corresponding member where inputs are made via correspondence. The SANCOLD Management Committee considered that it is desirable to form SANCOLD Working Groups for those Committees where there is a need for such participation in order to support the South African representative. Much of the work the Working Groups will be via correspondence. An invitation is extended to SANCOLD Members to volunteer for participation in these Working Groups. This is an arrangement which encourages direct participation in SANCOLD and ICOLD activities and is in fact the way I started in SANCOLD with Prof Des Midgley and Dr Henry Olivier in 1967. SANCOLD has already received the names of several persons for the Working Groups and these are indicated in the table below. Please submit your name to the SANCOLD Secretary and the Working Group/s you would like to participate in.

SA representatives on ICOLD Committees and SANCOLD Working Groups

No	Committee Name	Term	SA Representative	SANCOLD Working Group
C	Committee on Hydraulics	2009-2013	Dawid van Wyk	
D	Committee on Concrete Dams	2009-2012	J Kroon*	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
I	Committee on Engineering Activities for Water Resources Projects	2007-2010	S Mabuda	
J	Committee on Sedimentation of Reservoirs	2010-2013		
L	Committee on Tailings Dams	2007-2011	JRG Williamson (Chair)	Duncan Grant-Stuart
M	Committee on Operation, Maintenance and Rehabilitation of Dams	2007-2011	PD Pyke (Vice-Chairman)	L Moloi
O	Committee on the Register of Dams & Documentation	2010-2011	Ms H Anderson*	Mr Bertrand Collet Nominee from the Dam Safety Office (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]	K Wall not an official member of this Committee, but is a participant

* = Corresponding member

Representation cannot be changed in the case of an **ad hoc committee**. SANCOLD Working Group members make inputs into the Committee similar to those for Committee P.

I have changed the file format for these Newsletters as the inclusion of the decimal points in the date gave some problems with a firewall in one of our member's computer system.

Regards

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