

MINUTES OF THE TWELFTH CLOSING DOWN MEETING OF THE
WORKING GROUP ON CAPACITY BUILDING, TRAINING AND EDUCATION (WG-CBTE)
 Sacramento, USA
 30 September 2006: 14.00-17.00 hours
Strategy Theme: Systems

Year of Establishment 1995

Members present : (1) Prof. Tom Franks, Chairman (UK); (2) Dr. M. Satoh (Japan) represented by Prof. Dr. Takeshi Hata; (3) Mr. Hu Heping (China); (4) Mr. S.K. Das (India) represented by Mr. S. Manoharan; (5) Prof. Dr. (Mrs.) Dalal S. Alnaggar (Egypt) represented by Vice President Hon. M.H. Amer; (6) Prof. Dorota Z. Haman (USA); (7) Mr. Kim Russell (Australia) represented by Mr. Jolyon Burnett; (8) Dr. Joseph Benjamin Stevens (South Africa) represented by Dr. Gerhard R. Backeberg; and (9) Prof. Chen-Wuing Liu (Chinese Taipei) represented by Mr. Yih-Chi Tan.

Permanent Observer : Dr. Carlos Garces-Restrepo (IPTRID).

Observers : (i) Mr. Hasan Basri Yuksel (Turkey); and (ii) Mr. Yi-Fong, Ho (Chinese Taipei).

Item 1 : Confirmation of the minutes of the 11th meeting held at Kuala Lumpur, Malaysia on 11 September 2006

Minutes of the 11th meeting held at Kuala Lumpur were confirmed.

Item 2 : Activities performed by the WG-CBTE during its tenure (1995-2006)

WG-CBTE had been reasonably successful in accomplishing its mandated tasks, particularly in collection of case studies and compilation of the status of education and training programmes (through working jointly with FAO and IPTRID). However, like many other Working Groups in ICID, it also suffered from a lack of continuity from year to year.

The main activities carried out by the WG-CBTE during its tenure are listed in the following sub-items.

Item 2.1 : Meetings conducted

Conducted 11 meetings – one in each year, starting from 1996 to 2006:

- 1st meeting held on 20 September 1996 in Cairo, Egypt,
- 2nd meeting held on 8 September 1997 in Oxford, UK,
- 3rd meeting held on 20 July 1998 in Bali, Indonesia,
- 4th meeting held on 13 September 1999 in Granada, Spain,
- 5th meeting held on 24 October 2000 in Cape Town, South Africa,
- 6th meeting held on 18 September 2001 in Seoul, Korea,
- 7th meeting held on 22 July 2002 in Montreal, Canada,
- 8th meeting held on 16 September 2003 in Montpellier, France,
- 9th meeting held on 7 September 2004 in Moscow, Russia,
- 10th meeting held on 12 September 2005 in Beijing, China and
- 11th meeting held on 11 September 2006 in Kuala Lumpur, Malaysia.

In each meeting, various issues related with Capacity Building for attaining sustainable development in irrigation, drainage and flood management sectors were considered and recommended for evolving capacity building amongst various stakeholders.

Item 2.2 : Organization of workshops

WG-CBTE had organized four workshops as per the details given in the following sub-items. The IPTRID Programme manager mentioned that there are still some more hard copies of the workshop proceedings available for distribution. The proceedings/ papers can also be accessed from the website: www.wg-cbte.icidonline.org.

It was agreed that the workshops conducted were productive in disseminating the importance of Capacity Building for attaining sustainable developments in irrigation, drainage and flood management sectors. The supports extended by the FAO and IPTRID in this regard were worth mentioning and instrumental in achieving the desired outputs.

Item 2.2.1 : First in Montpellier in 2003 during 54th IEC

The Montpellier workshop in 2003 was led by the Water Resources, Development and Management Service (AGLW) of the Food and Agriculture Organization of the United Nations (FAO) and ICID on “Capacity Building in Irrigation, Drainage and Flood Control : Issues, Challenges and the Way Ahead”. It brought together a range of a synthesis paper, 3 keynote papers, and six detailed case studies covering the regions of Tunisia, Peru, Albania, Andhra Pradesh, Zambia and West Africa in order to demonstrate that Capacity Development should be a central focus of future strategies on irrigation, drainage and flood control.

The general consensus of the workshop was that a lack of capacity is constraining irrigation development in many developing countries and that capacity development rather than infrastructure should be the central focus of future irrigation strategies. Proceedings of the event were published and can be ordered from webpage of the AGLW Service, FAO.

Item 2.2.2 : Second in Moscow in 2004 during 55th IEC

The half-day Moscow workshop in 2004 considered 'Capacity Needs Assessment in Agricultural Water Management'. The workshop was organized with the co-sponsorship of IPTRID in three sessions in which a total of five papers were presented. The papers included two conceptual - an overview and a strategic option paper, as well as one case study each from Zambia, Egypt and Ukraine and as detailed under :

- (a) Capacity Needs Assessment – Methodology and Process (Melvyn Kay, IPTRID Consultant, Tom Franks, Chairperson of WG-CBTE and Sonia Tato, IPTRID)
- (b) Strategic Options for Capacity Assessment in Agricultural Water Management: Design and Management of the Process (Wilfred Hundertmark, IPTRID)
- (c) Capacity Needs in Agricultural Water Management – Experiences in Zambia (Tom Brabben and Gez Cornish, HR Wallingford Ltd., UK)
- (d) Institutional Mapping to Assess Capacity Needs for the Development of Water Boards at the District Level in Egypt (Ibrahim Mohamed Mahmoud, Ministry of Water Resources and Irrigation, Egypt) and
- (e) Changes in Irrigation Water Management: the Need for Capacity Development in Ukraine (Catharien Terwisscha van Scheltinga, Alterra-ILRI, Wageningen, The Netherlands and Olga Zovtonog, Institute for Hydraulic Engineering and Land Reclamation of the Ukrainian Academy of Agrarian Science, Kiev, Ukraine).

The workshop recognized the need for countries to be in the driving seat of a process, which must be based on the firm commitment of policy makers linked to sector strategies as a whole. Mr. Tom Franks who chaired the workshop concluded that it had contributed significantly to the progress of capacity development work began in Montpellier only a year ago. IPTRID/FAO published the proceedings of the workshop.

Item 2.2.3 : Third in China in 2005 during 19th Congress and 56th IEC

In the year 2005, the WG-CBTE alongwith IPTRID-FAO conducted another event titled “Design and Implementation of Capacity Development Strategies”. The workshop featured a keynote paper, together with 7 case studies from Indonesia, Nicaragua, Kenya, Uzbekistan, South Africa, China and India. In addition, there was a keynote presentation from UNESCO-IHE on the baseline document Capacity-Building and Social Learning as given below:

1. Design and Implementation of Capacity Development Strategies in Irrigation (Wilfried Hundertmark and Sonia Tato)
2. A Collaborative Knowledge Network as an Instrument for Capacity Development in Indonesia (Ferry J. Putuhena and J.T.I. Yap)
3. Capacity Development for Food Security in Nicaragua (Sylvanie Jardinet)
4. Capacity Development Strategies : Lessons From Promoting Farmer Innovation (PFI) in East Africa (Bancy M. Mati)
5. The creation of Capacity Development of Interstate Water Collaboration in the Aral Sea Basin (Prof. Victor A. Dukhovny)
6. Design and Implementation of Capacity Development Strategies : A South African Case Study (Marius Botha)
7. A General Review of the Capacity Development for Agricultural Water Management in China (Tian Fuqiang and Hu Heping)
8. Capacity Building for Improved Water Management in Andhra Pradesh : The Design and Implementation of the APWAM Project (T.V. Satyanarayana et al) and
9. Knowledge Networks for Capacity Building: A Tool for Achieving the MDGs? (Jan Luijendijk and Diego Mejia-Velez, UNESCO).

Deliberations after each presentation with a final plenary discussion in the concluding session allowed in-depth analysis and review of the issues that surround the design and implementation of capacity development strategies. IPTRID/FAO published the proceedings of the workshop.

Item 2.2.4 : Forth in Kuala Lumpur, Malaysia in 2006 during 57th IEC

The one-day workshop was concentrated on the theme on “Monitoring and Evaluation of Capacity-Development Programmes”. The workshop was jointly sponsored by ICID’s WG-CBTE and IPTRID/FAO. Six sessions were organized:

1. Monitoring and Evaluating Capacity Development in Irrigation (Wilfred Hundertmark and Virginie Gillet),
2. Monitoring and Evaluation Process and Results for Capacity Building of Water Resources Sector in Indonesia (F.J. Putehena and Agus S. Kusmulyonon),
3. Monitoring and Evaluation of Capacity Building for Irrigation Modernization (Charles Burt),
4. Monitoring and Evaluation of Capacity Development Programme as a part of APFMAGS Project, India (Somasekhar Rao P et al),
5. Capacity Building for Sustainable Management of Peatlands in the Humid Tropics- from Research to Application (Henk Ritzema et al) and,
6. Monitoring and Evaluation of Capacity Development Programmes at UNESCO IHE – Reflections from Selected Cases (Carel Keuls et al).

The six presentations provided insight into the processes of monitoring and evaluation of capacity-development programmes. IPTRID/FAO published the proceedings of the workshop.

Item 2.3 : Co-Convening Session on “Capacity Building and Social Learning” at WWF 4

The IPTRID of FAO in collaboration with UNESCO-IHE, Institute for Water Education, ICID and Water Research Commission (WRC), South Africa organized a two-hour Session on “Capacity Management Strategies and Social Learning amongst Stakeholders for a Sustainable Irrigation and Drainage Sector”. Local actions presented in the Sessions were :

- Capacity Development for Food Security in Nicaragua
 - Revitalization of Smallholder Rainfed and Irrigated Agriculture in South Africa and
 - Educational Program for School Children about Sustainable Management of Water Resources in Chile.
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The Co-convening Session was able to learn the following lessons:

- Enhancing knowledge and capacity development reminds one of the most critical challenges in water resources management and hence, local levels capacity development and social learning strategies are required to advance a collaborative framework towards finding appropriate solutions to address livelihood issues,
- Capacity development actions need to be small components of larger projects,
- All capacity development projects should have implicit or explicit five stages of a cycle: (a) baseline survey to determine where we are; (b) capacity needs assessment for determining the gap; (c) formulation of strategies to solve problem or bridge gap; and (d) project implementation such as monitoring and evaluation which feedback into needs and (e) restarting the cycle,
- The challenges in the capacity development projects is the “Scaling up” and “Reaching out” and the process should be participatory in nature and
- Capacity development actions represent short, medium and long-term investments and there is a need to document “Impacts” so that the beneficiaries are aware and willing to continue their participation.

It was felt that this had been a useful session but it was regretted that there had as yet been no follow-up.

Item 2.4 : Development and launching of WG-CBTE website

WG-CBTE developed and launched its own website <<http://www.wg-cbte.icidonline.org/>>. The site highlights information on mandate, membership, activities, publications, agendas, minutes and useful links related to the WG-CBTE. Due care has also been provided from time to time to update the various contents to incorporate additional information on current activities being carried out by WG-CBTE.

The valuable and efficient role of Central Office in establishing and maintaining the website was acknowledged.

Item 2.5 : Preparation of FAO database on education and training opportunities

For the fulfillment of mandated tasks of the WG-CBTE, namely on “Compile the status of training and educational programmes offered in different regions, identify the training and education requirements & gaps and prepare guidelines for development and appropriate modification of education and training programmes”, the WG-CBTE relied on the FAO database of education and training opportunities based on the FAO tools highlighted on the FAO Website < <http://www.fao.org/AG/AGL/AGLW/wdeci.stm>>. The database so prepared kept in view and adopted from time to time including for the workshops conducted by the WG-CBTE.

IPTRID has also prepared a similar database “Capacity Development for Water in Agriculture”, which is regularly updated, and on which institutions can enter their own information. This database can be found at www.fao.org.landandwater/cdwa.

Dr. J. Stevens is preparing a database of training in extension in water management in South Africa.

Item 3 : In-line issue of irrigation and drainage on capacity development by WG-CBTE

The WG-CBTE in its 11th meeting held at Kuala Lumpur, Malaysia decided to mark the end of the tenure of the WG-CBTE with the in-line issue of Irrigation and Drainage Journal on Capacity Development.

A call for submitting the abstracts/full-length papers on certain suggested topics of capacity building was circulated amongst various National Committees of ICID to the Editorial Board constituted with three members, namely, Prof. Tom Franks, Chairman, WG-CBTE; Mr. Carlos Garces, Program Manager, IPTRID and Mr. Ferry Putuhena, member, WG-CBTE. The Committee accordingly, received 14 papers and is now in the process of reviewing them. The Committee is hoping to complete the reviewing process at the Sacramento meeting with a view to finalize the edition by the end of the year 2007.

It was noted that the quality of the papers submitted was not good, as it was expected. One of the possible courses of action opinioned during the meeting was calling for more papers, perhaps by extending it through other networks of irrigation professionals. However, it was noted that it might lead further delay in finalizing the edition.

Item 4 : Constitution of a successor workbody for WG-CBTE

In the 11th meeting while considering and recognizing the importance of Capacity Building, there was a general feeling amongst the participants that the Working Group in its present form should come to an end and wind-up its activities in Sacramento, USA in 2007.

The Group also noted that there were a considerable number of topics of importance in capacity development for irrigation and drainage such as:

- Building on the outputs of the WWF 4 with a view to provide input to further activities at 5 WWF (see Any Other Business)
- Capacity development of Bank Officers for handling more effective projects
- Skills training of farmers
- Training extension agents (particularly women)
- How to make capacity development efforts sustainable

The Group could not come out with a clear agreement on how to keep a focus on capacity development activities within ICID. It was noted that an emphasis on one-year programmes of workshops would be quite successful, but that would require financial support from a willing organization.

While deliberating on the issue, the Group felt that it would be desirable to keep the Group in existence through to the Lahore meeting in view of the accomplishments of the pending tasks such as (i) reviewing process of the proposed in-line issue of irrigation and drainage on capacity development; and (ii) contribution to the 5 WWF activities (see item 5 for details).

The Group also mentioned that the topic of 'Capacity Building' should be moved from the theme 'Systems' to 'Knowledge' while framing a Successor Body. The Chairman mentioned that a new Chairman is needed and identified for leading the new Group. NCs are requested to submit their nominations for the new Group.

Item 5 : Any other Business

The ENCID representative distributed the brochures of Regional Centre for Training and Water Studies.

The IPTRID Programme Manager distributed the available copies of several editions of GRID magazine.

During the meeting, the Turkish representative Mr. Hasan Basri Yuksel, State Hydraulic Works, General Directorate (DSI), Turkey spoke about the preparations and contributions needed for the 5 WWF for making the event a success.

The forum includes six main themes, out of which the identified theme of relevance having scope for WG-CBTE contribution is "Education, Knowledge and Capacity Building". The three cross-cutting sub-themes covered under the identified main theme are:

- Education and capacity building, strategies for sustainable water use and service provision;
- Water science and technology; appropriate and innovative solutions for the 21st century; and
- Using professional networks and associations to strengthen the water sector.

As the WG-CBTE has shown interest to contribute to the theme/sub-theme, the Chairman encouraged the willing members to come forward and submit their contributions.

The meeting ended with vote of thanks to the Chair.
