

NEWS LETTER PUBLISHED BY
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Started International Groundwater Modeling Seminar

EWTEC was established in 1998 and now in the Phase 3 (2009-2013). Basic and Advance Courses are being conducted, regularly.

ABOUT THE SEMINAR

PARTICIPANTS FROM 15 AFRICAN COUNTRIES

16 participants from Botswana, Ghana, Kenya, Lesotho, Malawi, Mozambique, Namibia, Nigeria, Rwanda, Sudan, Tanzania, Uganda, Zambia and Zimbabwe.
12 participants from Ethiopia.

LECTURER'S 4TH TIME SEMINAR IN AFRICA

Prof. Dr. Naoaki SHIBASAKI, Fukushima University, Japan, a leading hydrogeologist and groundwater modeller in Japan and Asian regions, having his 4th time international training seminar at the conference room in Dreamliner Hotel in Addis Ababa. The seminar started on August 31 and end on September 18.

PROGRAM

The 3 weeks seminar consists of the trainings on Basics of Groundwater Models, SURFER practices, GIS introduction, Practice of groundwater modeling using PMWIN Pro. The participants are trained for estimating and inputting aquifer parameters, model framework, initial and boundary conditions, and recharge estimation. Model verification and prediction are indispensable present-day techniques for management of groundwater basins in each African country



Mr. Markos Tefera, Head of EWTEC address the opening ceremony



Answering the questions from a participant

Prof. Dr. Naoaki SHIBASAKI

Participants exchange informations on the groundwater issues during coffee break time. They teach each other about just they have learned.



Project Document Report Submitted to MoWR and JICA

NEW TRAINING COURSES AND EXPANSION OF FACILITIES

OUTPUT OF PHASE 3

Objective of Phase 3 is that "Capacity of EWTEC as a core training centre for water supply technicians and engineers of Ethiopia is established". To achieve this goal the activities started in January 2009 and the following major output are expected in the the end of the Phase 3 (Year 2013).

1. Mechanisms to sustain constant quality improvements in EWTECs training activities are fully established.
2. Technical knowledge and skills on water supply and management are improved for technicians and engineers from public, private sector, NGOs, TVETC instructors, and other African participants.
3. Capacities are developed to provide technical instructions of course coordinators, instructors, mechanics and drillers who conduct training at EWTEC.

4. Sustainable institutional management capacity of EWTEC is strengthened.

To design all of the activities of Phase 3, "Project Document (P/D)" was made based on the survey and discussion from January to June 2009 and submitted to the Ministry of Water Resources (MoWR) and JICA in July 2009 .

NEW TRAINING COURSES

A Needs Assessment Survey was conducted for 4 months targeting public and private sector, and NGOs, in order to collect information that allows EWTEC to prepare water technology related training programs for those various organizations. As a result of the survey, the following new training courses were lined up.

1. Geophysical investigation
2. Water quality management
3. Water chemistry
4. Well rehabilitation
5. Deep well drilling technology

6. Well diagnosis with a Borehole TV
7. Intensive drilling machinery maintenance technology
8. Leakage control system
9. Water CAD, EPANET
10. Intensive electric machinery maintenance technology

Several basic courses will be conducted in TVETC (Technical and Vocational Education and Training College). Engineers and technicians from private sectors could be participated in the basic, advance and new courses.

EXPANSION OF FACILITIES AND NEW EQUIPMENT

Government of Japan (GoJ) recently approved the utilization of counterpart funds for expansion of the EWTEC facilities. GoJ already gave a grant for supply of equipment and materials to MoWR. New equipment includes deep well drilling machine, EM machines etc, which will be utilized in the new courses expected to start in October 2010.

