

**Egyptian National Committee of
International Hydrological Program (ENCIHP)
National Report for the IHP Intergovernmental Council 2008**

1. Activities Undertaken in the period August 2006-May2008

1.1 Meetings of the IHP National committee

1.1.1 Decisions regarding the composition of the IHP National Committee

Formation for the Egyptian National Committee of the international hydrological programs (ENCIHP) was issued by the ministerial decree No. 48 dated 9/2/1998. The formation consists of twenty members. They are of different disciplines and form a very specialized team. The members of the committee are as follows:

1. Dr. M. B. A. Saad Vice President, Emeritus Professor and Advisor, Ministry of Water Resources and Irrigation (MWRI).
2. Prof. Abel Wahab Amer Member, Professor, Hydraulic and Irrigation Department, Faculty of Engineering, Cairo University.
3. Dr. Mohamed El Moattassem Member, Emeritus Professor, Nile Research Institute, National Water Research Center (NWRC).
4. Dr. Nahed EL-Arabi Member, Director of the Research Institute for Groundwater, (NWRC).
5. Dr. Fathy Gamal Member, Director of the Water Resources Research Institute, (NWRC).
6. Prof. Emad Hussny Hamdy Member, Professor, Faculty of Engineering, Cairo University.
7. Prof. Moustafa Soliman Member, Professor, Hydraulic and Irrigation Department, Faculty of Engineering, Ain Shams University.
8. Dr. Mohamed Ibrahim Member, Consultant at Egyptian Environmental Affairs Agency (EEAA).
9. Dr. Abel Fattah Motawa Member, Head of Nile Water Sector, Ministry of Water Resources and Irrigation, (MWRI).
10. Eng. Abdel Shakour Mouhmed Member, Head of Irrigation Sector, (MWRI).
11. Eng. Mrs. Lillan Monier Member, Chairman, Nile Controls Inspectorate, (MWRI).
12. Eng. Helmi Mahmoud Member, Consultant, (MWRI)
13. Eng. Ali Abu El Suaod Member, General Secretary (ENC)
14. Dr. Mouhamed Dawood Member, the Meteorological Department of Egypt.
15. Dr. Karima Attia Member, Researcher, Nile Research Institute, (NWRC).
16. Mr. Mouhamed Safwat Salem Member, National Commission of UNESCO
17. eng. Nahed khalil Member, Head of Groundwater Sector (MWRI)

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| 18. Dr. Alli Eslam.
Authority | Member, Chairman of Atomic Energy |
| 19. Dr. Madiha Moustafa
Research Institute (CMRI). | Reporter, Director Channel Maintenance |

The committee was honored by the attendance of: -
Representative of UNESCO Cairo office (Dr. Radwan el Weshah)

The Committee usually organizes periodical meeting every two month, unless there are urgent subjects need to be discussed. The main activities of the committee are to; discuss researches results related to hydrology, cooperate technically with other national and international organizations sharing similar interests, disseminate information and studies related to committee activities, translate interesting books and magazines into Arabic, compose books related to hydrology to be used by the engineers of MWRI, attend conferences and seminars related to committee activities, and transfer of knowledge through training courses. Organized seminars to present interesting topics related to the committee .The committee has a major role in implementing projects of, IHP-VI. And proposes themes and project at IHP-VII

Activities of the committee are summarized bellow: -

- The Committee established a hydrological library, which is provided with IHP publications, and other textbooks related to hydrology as well as other subjects related to freshwater.
- Establishing a web site for the groundwater protection network.
- Organizing an International Course on Environmental hydrology, this is a yearly course, held in Egypt. The course is usually attended by participants from Arab and African Regions.
- Contributing to the formulation of the seventh phase of the International Hydrological Program of (IHP VII) (2008-2012). Comments on proposed themes and suggested area of interest for the Arab region. Preparing implementation plan for selected focal areas.
- The Committee prepared the annul work plan for its activities of the year 2008/2009.
- Participation in the Governmental and Intergovernmental Council meeting
- Continues support for the regional networks, which related to Wadi Hydrology and Groundwater Protection Networks.
- Participation on related internal or external conferences and workshops.
- Dissemination of training courses and fellowships to other partners and give

recommendations.

- Study, translates and summarizes reports to the participants which have been delivered to the Egyptian national committee for hydrology and contain related subject (for example world water for development, Urban ground water pollution, ground water pollution , and new world water- advancing technology to secure supply and sub grade the environment)
- Present and discuss the activity done by other Egyptian committees
- Discussion about the development of the African Countries and identify the role of Egypt.
- Discussion about Nile Basin Initiative and identification of role of Egypt
- Discussion about sedimentation process in alluvial rivers, evaporation control at Lake Nasser, and sedimentation process and control.
- Study the cooperation between different Egyptian committee of UNESCO Programs and establishing joint activities related to Echo hydrology.
- Discuss and present the application of isotopes in hydrology(groundwater seepage , recharge to groundwater from adjacent aquifer , sedimentation at lakes)
- Presentation and discussion with committee staff about the application of isotopes in the fields of water resources development and sedimentation
- Proposals for several seminars and workshops prepared by the Committee and invited other committees and researchers from the NWRC and MWRI for participation. Four Seminar were organized by the Egyptian Committee for IHP they are:-
 1. "Decreasing of Evaporation rate from surface water Bonds at Egypt" organized during May 2006
 2. "River Nile Flood Prediction", organized during November 2006.
 3. "Impact of New project on the flood regime of River Nile" during May 2007.
 4. "Impact of Decreasing Water level at Lake Nasser" organized during November 2007. The power point presentations of the four seminars are attached.
- Discussion of the environmental impacts of the proposed project of the connected canal between Red Sea and Dead Sea.
- Discussion about Management of Water Resource considering the new development projects.
- Discussion of the projects proposed at Nile riparian countries.

- Discussion about study entitled "Time dependency 3 rd by Hydrodynamics circulation model for the Red Sea Basin" the team leader of the study is one of the committee members.
- Attained the "River Sedimentation" conference which held at September 2006.
- Attained the "Sedimentation at Basins" which held at November 2006.
- Proposed some changes at the committee regulation.
- Presentation for a book entitled "Policy perspectives for Ecosystem in the pralion peninsula

- Attained the Arab committee for International Hydrological Program which held during November 2007and presented two paper:
 1. Water resources at Egypt.
 2. Impact of climatic changes on Water Resources of Egypt.

- Preparation for several project proposals that will fund by UNESCO.