

The advantages in HYDROAID approach:

- HYDROAID establishes and maintains contacts with the participating countries based on **dialogue** and cooperation, thus ensuring long lasting and effective relationships.
- HYDROAID fosters local empowerment and specialized higher education in order to stimulate the **modernization** and the **optimization** of the existing systems.
- The didactic solutions designed by HYDROAID are successful in reaching a higher number of countries around the world and allow a better **spread** of knowledge and cross-cultural exchange.
- HYDROAID employs the latest **informatics and communication technologies** to offer up-to-date, helpful and stimulating contents and activities.
- **Flexibility and adaptation** are core principles in HYDROAID and are applied to all courses to enhance participants' interaction and sharing.
- HYDROAID provides technicians and professionals in developing countries with a **free school** in a basic and fundamental field of natural resources management.
- HYDROAID strives to contribute to the preservation of **human life and dignity** as well as the territorial and environmental context.



Associated
Members:



HYDROAID is a not for profit Association and relies on the support of its **Associated Members** as well as on the **collaboration** of Public, Financial and Academic Authorities such as:

AIAT (Associazione Ingegneri per l'Ambiente e il Territorio)

AMIAT

ASIA spa (Waste Utility of Naples)

Associazione Idrotecnica Italiana

ATO Rifiuti Torino

ATO Rimini

CISV

CNR

Consorzio Est Sesia

Ente Acque della Sardegna

Federambiente

Fondazione CRT

IILA (Istituto Italo-Latino Americano)

Istituto AgroMediterraneo ITC-ILO

LVIA

Ministerio dos Ciudades (Brazil)

Politecnico (Engineering University) of Milan

Politecnico (Engineering University) of Turin

Region of Emilia-Romagna

University of Turin

hydroaid

Water for Development Management Institute

**DISTANCE LEARNING
TRAINING COURSES ON
WATER RESOURCE MANAGEMENT**



HYDROAID is a leader Institute in the water resource management field for cooperation to development, with 10 years of experience and a network of over **900 specialized officials** operating in **60 countries**. HYDROAID's main purpose is to provide vocational training to developing and emerging countries worldwide through a series of proposed courses – whether specialized, single-topic or general. By transferring know-hows and capacity building HYDROAID aims to contribute to the local and national planning, organization and modernization of water management systems.

HYDROAID – Via Pomba, 29 Torino
www.hydroaid.it

HYDROAID STRATEGIES

HYDROAID training is carried out through a **combination of didactic systems** including traditional teaching, seminars, master courses, stages, study visits and **E-Learning**. The latter is based on the Moodle (Modular Object-Oriented Dynamic Learning Environment) web platform and has allowed HYDROAID to reach a higher number of recipients and countries, as well as to meet their specific requirements and needs.



The appropriate training techniques are selected according to each course particular features, goals and beneficiary subjects.

Accredited professors and experts are responsible for HYDROAID didactic material and a staff of specialized tutors supports and monitors the learning process. HYDROAID working language is English, but most courses are now available in Spanish, Portuguese and French too.

HYDROAID promotes integration and **cooperation** between Italian and foreign - public and private - institutions involved in the training programs. **Women's attendance** is also encouraged and today **25-30%** of the total participants in HYDROAID training courses are women.

HYDROAID COURSES

The main HYDROAID training courses are:

Postgraduate Core Program in Management of Water Resources: Started in 2002, this is the institutional course of the Association and offers 3 addresses of specialization (Governance of the water systems and services; Management of water resources and use of water in agriculture; Supply systems for drinking and irrigation purposes).

Integrated Management course on Sanitation in Brazil: From 2005 to 2009 HYDROAID held a complex training program in Brazil on sanitation topics.

Project "Cooperation to development: training is learned": This project focused on the food security and poverty eradication in the Sub Saharian Africa from 2008 to 2009.

Technical course on Sanitation: Started in 2009, this course focuses on the water bodies and effluents features, the wastewater treatment process and plants in the municipal context, the industrial and agricultural reuse of water saving and the solid waste disposal in an integrated approach to water and waste management.

Technical course on Urban Waste Recycling: Started in 2010, this course deals with the international standards and agreements framework for the urban waste recycling and disposal, the life cycle assessment applied to the waste management field, the management and treatment of the recyclable wastes and the secondary raw material employment.

Technical course on Environmental Planning: Starting from 2012, this course will be about the environmental planning principles

and assessment tools, the planning process from the decision making to the implementation, the different approaches applied worldwide, the river basin management plan along with the international framework, the flood risk and slope movement assessment management plans.

PARTICIPANTS

Most participants in the HYDROAID training courses are **managers and technicians** – mainly engineers – aged between 25 and 50, employed in private and public companies already working in the water resource management field as HYDROAID fosters the **empowerment** of local specialized professionals in order to create **sustainable development** and to maintain a cooperative and country-based network. A participant stated: *"HYDROAID is like a large office spread throughout the world which can activate at any time"*.

Participants' profession distribution:

Employee/Technician	40%
Project manager	17%
Consultant/Professional	17%
Director	8%
Student/Researcher	8%
Professor/Lecturer	7%
Unemployed	3%

Participants' working field distribution:

Public	52%
Private	40%
NGO/International	8%