



HYDROAID

Water for Development Management Institute

DISTANCE LEARNING PROGRAM

Technical Course on

RURAL WATER SUPPLY MANAGEMENT

2018 - First edition

Call for applications

This edition of the distance learning course “Rural Water Supply Management” is realized by Hydroaid in collaboration with LVIA (Lay Volunteer International Association) and VETA (Vocational Education and Training Authority) and thanks to the financial support of the Italian Agency for Development Cooperation



BACKGROUND

Established in Turin in 2001 as an initiative of the Italian Ministry of Foreign Affairs and Public, Financial and Academic Authorities of the Piedmont Region, **Hydroaid** – Water for Development Management Institute – is a non-profit Association entitled to operate both in Italy and abroad dedicated to pursuing objectives of solidarity, protection and improved governance of water resources through training and capacity development activities.

The mission of Hydroaid is to transfer technical knowledge on sustainable water resources management to managers and technicians from developing and emerging countries by providing them with a free school that operates also as a network connecting professionals in the fields of water and sanitation from all over the world. To say it with the words of a course participant, Hydroaid is “like a large office spread across the world that can activate at any time”.

In its years of activity, Hydroaid has grown a network of over 1800 former participants – specialized operators, prominent engineers and trained technicians working in more than 70 countries affected by water criticalities. Thanks to its composition, Hydroaid operates as a platform of action with a highly integrated profile and varied approaches for the different levels of governance: urban, regional, national and international. Among the Associated Partners of Hydroaid are the Metropolitan City of Turin, the Municipality of Turin, Piedmont Region, SMAT (the Water Utility of Turin), Compagnia di San Paolo, ATO3 (the Water Authority of Turin), Hydrodata (a company providing research, engineering and economic consulting services) and Politecnico di Torino. A number of specialized academic, administrative and technical institutions then collaborate to the training activities promoted by Hydroaid.

To date, the portfolio of Hydroaid includes 4 editions of the Master on Integrated Sanitation Management in Brasilia and 8 editions of the Training Program on Planning and Management of Water Resources in Turin, as well as a Distance Learning Program with modules on Waste Recycling, Planning for Sustainability, Wastewater Treatment, Management of Urban Solid Waste, Urban Water Supply Systems, Economic Regulation of Water Services, Climate Change, Local Governance and Water Governance.

This first edition of the distance learning course on “Rural Water Supply Management” is implemented in the framework of the SANI project AID 10918/LVIA/TZA MAISHANI-Maji na Lishe “*Integrated Project for the Right to Water, Health and Nutrition in Dodoma and Iringa Regions – Central Tanzania*”, led by LVIA and co-funded by the Italian Agency for Development Cooperation (AICS). It was conceived on the basis of the didactic material used during the on-site training carried out in Dodoma in December 2017 produced by **LVIA**, an Italian ngo operating in Tanzania, and **VETA** (Vocational Education and Training Authority), the national public body charged of vocational education and training in Tanzania.

LVIA (Lay Volunteer International Association), is an Italian NGO founded in 1966, and currently operating in 10 African Countries: Burkina Faso, Burundi, Ethiopia, Guinea Bissau, Guinea Conakry, Kenya, Mali, Mozambico, Senegal, and Tanzania. The vision of LVIA’s development interventions is to empower people to develop more effective livelihood strategies, increasing the value of their assets and creating new opportunities for living a healthy and productive life. This will be achieved through the identification and wise use of local resources, supporting local initiatives and innovations and by promoting appropriate technologies to tackle poverty in a sustainable way. LVIA has been working in Tanzania since 1986 supporting the community development in the WASH, agriculture and health sector in the Regions of Dodoma, Morogoro and Singida. LVIA is currently carrying out, together with the local institutions and international partners, several activities in Kongwa and Chamwino District rural areas, in order to strengthen the water resource management capacity of the villages.

VETA (Vocational Education and Training Authority) is a body corporate established by the Vocational Education and Training Act No. 1 of 1994. VETA was established with an overall responsibility for ensuring the provision of required skills for effective socio economic development in both, the formal and informal sectors. The Act was passed with a focus on making the training system more flexible, cost effective and responsive to the demands of the labour market.

In order to ensure that the flexibility of the training system is enhanced, VETA has adopted a Competence Based Education and Training (CBET) approach. The approach is flexible in responding to demands of the labour market and at the same time it puts emphasis on performance at the standards set by the labour market.

DESCRIPTION OF THE COURSE

Beneficiaries

This is a distance-learning program accessible through the web platform Moodle and it is addressed to Tanzanian trainers, managers, mid-level decision makers and technicians operating in the fields of rural water supply in Tanzania. In particular this course is tailor-made for the VETA trainers and public officers working in the rural water services sector, technicians and professionals who deal with water management are also encouraged to apply.

The course is open to a **limited number of 80 participants**. This restriction ensures personalized tutoring and the effective realization of team works during the course.

The goal of the course is to transfer practical and technical knowledge for the management of rural water supply systems. This course wishes to offer to the participants updated know how in order to improve the management of their resources and to contribute to raise the quality of their services in the field of the rural water supply systems in Tanzania.

Fee

The participation to the module is **free of charge** and it is meant as a tool for providing a concrete support in pursuing sustainable development processes.

Schedule

The course will take place from 10th September to 28th October 2018 (7 weeks). Hereafter is an indicative schedule, to be confirmed at the end of selection process. Prior to the start of the didactic activities, admitted participants will also receive a detailed calendar with indication of all deadlines for the submission of their works.

Activity	Date
Submission of applications	18 th June – 29 th July 2018
Selection process	30 th July – 5 th August 2018
Communications to admitted candidates	6 th – 12 th August 2018
Familiarization week	10 th – 16 th September 2018
Didactic Module (6 weeks)	17 th September – 28 th October 2018
Conclusion of didactic activities	11 th November 2018
Delivery of Certificates to qualified participants	26 th November – 2 nd December 2018

Language

All didactic material will be available only in English. Technical communications and assistance will be held in English too. **For this reason a good knowledge of English language is a compulsory requirement for the attendance of the program.**

Activities

In addition to the didactic material, the course features a number of activities for evaluating the understanding of the contents and the attendance of the participants. These include:

- **Exercises:** multiple choice quizzes and/or written assignments;
- **Forums:** forum discussions are designed as an extension of the learning program to produce a useful and interactive environment for debating the topics of the course, exchanging information and sharing experiences. An assistance forum and technical guides are also available on the platform to facilitate the use of all the functions;
- **Final work:** towards the end of the course, participants will be assigned specific topics to develop through individual work and research.

Tutoring

Tutors will be available and online on the web platform to monitor the activities, support the participants in the learning process and provide technical assistance. The web platform can also be used for communications with fellow participants and the teachers.

In this course two level of tutoring will be activated:

- **I level tutors** will help participants with technical and organization issues
- **II level tutors**, as experts of content, will be available for answering content questions

COURSE CONTENTS

This course will provide methods and technical elements for the strengthening of technical and management skills related to rural water supply systems in Tanzania.

The aim is providing technical and practical tools for management and maintenance of rural water supply systems.

Modules

The contents are divided into **Modules**, each focused on a specific topic and containing the following elements:

- **Lecture material:** compulsory readings on the main Module topic
- **Further reading:** optional materials on additional issues connected to the Module topic can be provided
- **Exercise:** a quiz or assignment testing the understanding of the Module contents

Each Module is subdivided in units.

The following Modules compose this course:

- **Module 1:** *Maintaining safe environment of the water scheme*
- **Module 2:** *Maintaining scheme components and infrastructures*
- **Module 3:** *Coordinating human resources and administration of the water scheme*
- **Module 4:** *Managing finance of the water scheme*
- **Module 5:** *Life skills*

- **Module 6: Entrepreneurship skills**

Calendar

Modules will become available according to a calendar announced at the beginning of the course in order to allow enough time for studying the material and participating in all the required activities (thematic forums, quizzes and assignments).

Copyright

All the resources mentioned can be downloaded from the web platform and used in compliance with the **copyright conditions** explained in the application form.

MINIMUM INFORMATIC REQUIREMENTS

Before applying, please make sure that the computer you will use to attend this e-learning course matches the following minimum informatics requirements. This is a mandatory condition for the attendance of the course.

Internet connection

An Internet connection of at least 56kbps is necessary for accessing the learning platform.

Hardware requirements

Operating system: compatibility is ensured with all the main operating systems, including Windows, Linux and Macintosh.

Browser: compatibility is ensured with: Internet Explorer 6 or superior, Mozilla Firefox 3 or superior, and Chrome. We recommend the use of Mozilla Firefox, which is compatible with all the main Operating Systems and ensures an ideal performance at navigating the platform. Mozilla Firefox can be downloaded for free at the link: <https://www.mozilla.org/it/firefox/new/>

Video resolution: 1024x768 (or superior)

Software Requirements

For the correct display of the contents of the course area, Adobe Acrobat must be installed. Adobe Acrobat can be downloaded for free at the link: <https://get.adobe.com/reader>

HOW TO APPLY

Applications for this course will be considered until **July, Sunday 29, 2018**.

To apply for this course please fill and send the **Application form**, using the online module ([CLICK HERE](#)). In addition, you must send the following mandatory documents to tutor.sanitation@hydroaid.it :

1. **Copy of your ID card or passport**
2. **Copy of your highest education certificate**
3. **Updated Curriculum Vitae**

Only complete applications (application form + mandatory documents) will qualify for the selection process. A confirmation of acknowledgement of your application will follow. Applications sent by other means will not be considered. All candidates will be informed about the results of the selection.

The final deadline for applying is July, Sunday 29, 2018.

SELECTION CRITERIA

The applicants who cannot guarantee the minimum requirements of the course described above (computer access, Internet connection, good knowledge of English) will not be considered. The applicants who qualify for the selection and submit a complete application before the deadline will be evaluated on the basis of merit criteria.

Women's applications are welcome and will be taken into due consideration.

The applications of the participants who abandoned previous distance learning courses will be not considered.

The selection committee will consider the following elements as preferences criteria:

- Current position in VETA as teachers
- Current act as District Water Engineer, District Executive Director or Village Executive Officer
- Relevant professional experiences
- High school diploma

CERTIFICATE OF ATTENDANCE AND EVALUATION CRITERIA

A Certificate of Attendance, signed by the course teachers, will be issued at the end of the course for the participants who achieve a total score of **at least 60%**.

The final score is composed by the performance of each participant in the **4 components** of the course (*attendance, merit, participation, final work*). Points are assigned to performances above the minimum requirements, as detailed in the table below:

Requirements	Requirements for maximum grade	
	Performance	Equivalent to
Course components		
Attendance <i>Download/visualization of lecture material</i>	6/6 modules	5%
Merit <i>Average final grade in all the exercises (quizzes/assignments)</i>	Grade 10/10	70%
Participation <i>Relevant forum posts in the thematic forums</i>	15 posts	15%
Final work <i>Realization of an individual essay/case study analysis</i>	Grade 10/10	10%
Total score	100%	

Certificates will be sent via e-mail and will contain a brief description of the course and the total amount of hours required for its attendance.

NOTE

We ask for a serious commitment when enrolling the course so that your participation does not exclude the one of another potential candidate. Please evaluate carefully your interest and your availability to attend the on line activities (time, requirements, etc).

CONTACTS

For further information, please contact:

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[Connect with our network](#) to stay in touch with candidates, course participants, teachers and other professionals, and for more information.

