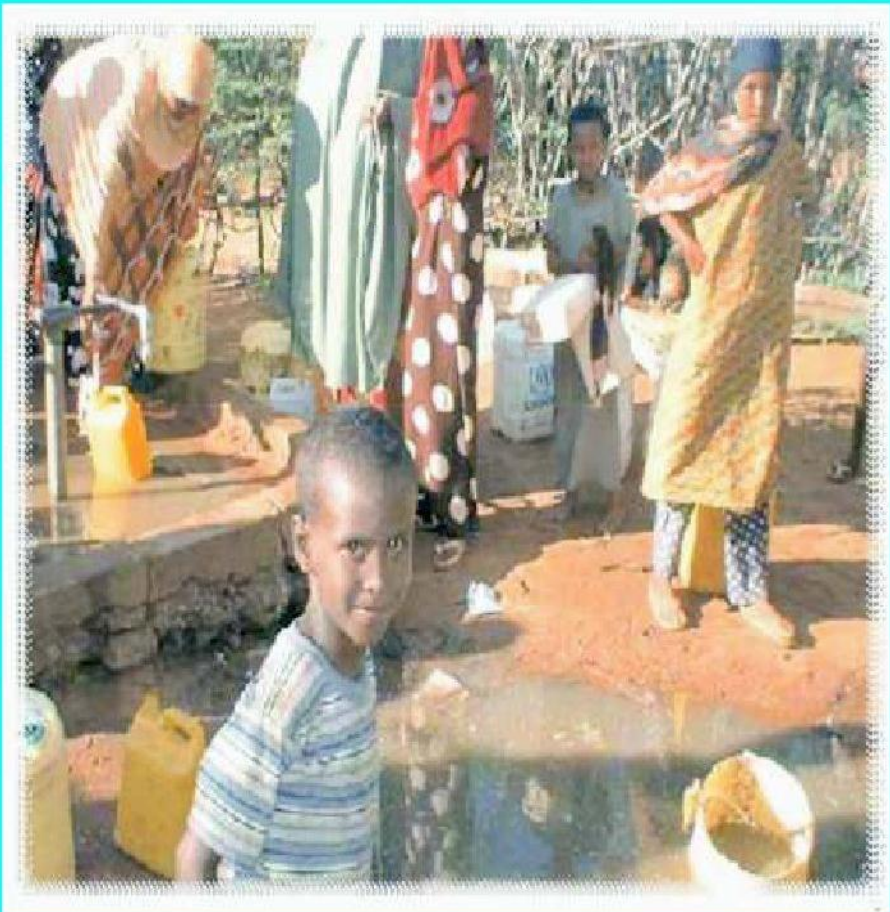




**Netwas**

**Netwas International**

## **Training Program for 2011**



**NETWAS INTERNATIONAL**

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Netwas International

2011 – 2012 TRAINING PROGRAMMES





NETWAS INTERNATIONAL IS A MEMBER OF



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### ***Vision Statement***

*Netwas International's vision is "To be the leading Water, Sanitation and Hygiene Resource Centre in Africa Offering World Class Services".*

### ***Mission Statement***

*Our mission statement is: "To provide enhanced water, hygiene, sanitation and environmental services through outcome-based innovative and creative products and services in, institutional and organization development support, capacity building, research and knowledge management services, and project management services that meets and exceeds customer expectations.*

## WHO WE ARE

Netwas was established in 1986 through a UNDP/World Bank program known as the International Training Network for Water and Waste Management (ITN). ITN was set up as part of a global initiative to support the International Drinking Water and Sanitation Decade (IDWSSD), which commenced in 1981 and ended in 1990. This program sought to establish centers of excellence in water and sanitation in developing countries. During its formative years, Netwas also received both financial and technical support from the Swiss Agency for Development and Cooperation (SDC) to meet the challenges and gaps of the water decade. Initially, Netwas was kindly hosted by the African Medical and Research Foundation (AMREF) from its inception until the end of 1994.

ITN is currently constituted of nine global centers, four of which are located in Africa. These are Network for Water and Sanitation International (Netwas International - 1986) located in Nairobi, Kenya with autonomous country offices in Kampala (Netwas Uganda - 1986) and Dar es Salaam (Netwas Tanzania - 1986), catering for the Eastern African countries; Center Regional Pour L'eau Potable Et 'assainissement A Faible Cout (CREPA - 1987) in Ougadougou, Burkina Faso, caters for the Francophone countries of West Africa; Institute of Water and Sanitation Development (IWSD - 1989) located in Harare, Zimbabwe; and Training Network Centre (TREND - 1989) located in Kumasi, Ghana.

The ITN has evolved from its original technology-orientation to a network, which now emphasizes capacity building aspects in the sector. Today, ITN contributes effectively towards sector policy reviews, formulation and development.

Netwas countries of concentration are Kenya, Tanzania, Uganda, Ethiopia, Eritrea and Sudan. However, Netwas is occasionally able to respond to needs expressed by sector institutions in other African countries

In 1995, Netwas International was registered as an independent and not-for profit organization in Kenya. Since its registration, Netwas has operated with a considerable measure of success as a unique NGO, which has endeavoured to put into place non-traditional mechanisms for generating income to ensure its sustainability. Its operations stretch all over Africa although focused towards the Eastern and Southern region. Netwas has assisted to develop two national affiliates in Uganda (Netwas Uganda) and Tanzania (Netwas Tanzania) in a strategic effort to bring the services closer to the clients at national and grass root levels. Netwas is also a founder member of STREAMS whose secretariat is based in the Philippines.

Netwas works in partnership, collaboration and strategic alliances with a number of local and international organizations. A full list can be seen under Partners and Networks.

**Location of our International offices:**

The headquarters for Netwas International is located in the leafy Karen area of Nairobi-Kenya, 12 kilometers from the central business district, along Magadi Road, one of the main roads that read from the city centre to Masai land. The location of the office shares a fence with Nairobi National Park, which is the home of the 'big five' in wildlife namely the lion, elephant, rhino, cheetah and leopard. Other wildlife in this park includes the reticulated giraffe, buffalo, zebra, warthogs, gazelles. For lovers of birds and other wildlife, Meru National Park, with over 3,000 species of birds, one of the largest in the world is located about 320 from Nairobi. For those who love wonders of Mother Nature, the Masai Mara National Park, which experiences the annual migration of wildebeests from Tanzania around every September, one of the wonders of the world, is located about 290 kilometers from Nairobi. The office is about 5 kilometers from the Nairobi animal orphanage, and 3 kilometers from the Bomas of Kenya where cultural dance, drama and other festivals are held regularly throughout the year for entertainment purposes.

# Water, Sanitation and Hygiene Training Courses by Netwas International – Programmed for 2011/2012

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## Contents

WHO WE ARE .....	5
Location of our International offices: .....	6
NTS001: Integrating CLTS tools in addressing rural sanitation .....	8
NTS002: Participatory Hygiene and Sanitation Transformation (PHAST).....	9
NTS003: Governance, Financial and Commercial Management of Water Services .....	10
NTS004: Wash in Emergencies: Risk Reduction .....	11
NTS005: Resource Mobilization and Result Based Monitoring and Evaluation of Water and Sanitation Projects.....	12
NTS006: Strategic Business Planning and Management .....	13
NTS007: Addressing Challenges of Water Supply for the Urban Poor .....	14
NTS008: Sustainable Water, Sanitation and Hygiene in Schools and Communities .....	15
NTS009: Protection of Urban Environment through Better Management of Watsan Services .....	16
NTS010: Non Revenue Water Management for Urban Water and Sewerage Authorities and Utilities.....	18
NTS011: Management for Sustainability of Water and Sanitation Projects Utilities .....	19
NTS012: Scaling Up Community Management for Sustainable Water Supply and Sanitation Programs...	20
NTS0013: Prevention of WASH related risks through appropriate Nutrition .....	21
NTS0014: Business Skills in Water, Sanitation and Solid Waste Management.....	22
NTS0015: Water Safety Plans – Training and Capacity Development .....	23
Corporate Training Programme.....	25
Practical Information .....	25
Application Procedures .....	25

## **NTS001: Integrating CLTS tools in addressing rural sanitation**

Date: 28<sup>th</sup> February-11<sup>th</sup> March 2011 (2 Weeks)

Venue: Nairobi, Kenya

### **About the course**

Community Led Total Sanitation (CLTS) is an innovative way of mobilising communities to completely eliminate open defecation (OD) where they are facilitated to conduct their own appraisal and analysis and take action to become ODF (open defecation free).

Earlier approaches to sanitation prescribed high initial standards and offered subsidies as an incentive. But this often led to uneven adoption, problems with long-term sustainability and only partial use. It also created a culture of dependence on subsidies. Open defecation and the cycle of faecal-oral contamination continued to spread disease.

The course will address how CLTS focuses on the behavioural change needed by investing in community mobilisation instead of hardware, and shifting the focus from toilet construction for individual households to the creation of “open defecation-free” villages. The participant will be able to explore on the different ways that CLTS triggers the community’s desire for change, propels them into action and encourages innovation, mutual support and appropriate local solutions, thus leading to greater ownership and sustainability.

### **Objectives**

1. To understand the concept of CLTS and its application
2. Learn on some best practices of different areas in the world where CLTS has worked
3. Develop strategies on how they initiate CLTS in their areas of work

### **Who can benefit from this course?**

Persons working with NGOs in areas where there is high risk of diarrhoea diseases, Public health officers, trainers of community leaders, community development persons and health officers.

## **NTS002: Participatory Hygiene and Sanitation Transformation (PHAST)**

Date: 4<sup>th</sup> -15<sup>th</sup> April 2011 (2 Weeks)

Venue: Nairobi, Kenya

### **About the course**

Many communities in African and Asia are still faced with serious problems of hygiene and sanitation .despite a lot of literature and interventions this problem is still widespread. Without tackling this problem it would be difficult to attain MDGs.

Promotion of hygiene and sanitation has traditionally been based on directives, training and guidelines targeting individuals and households .However these messages rarely led to significant improvement in hygiene behavior. The poor state of top down didactic approaches has had little impact in transforming communities to change their behaviors' to counter this problem there is need to use participatory methods

PHAST is participatory approach that has an ultimate goal to improve the health and living conditions of the poor. PHAST uses visual tools and techniques to stimulate the participation of community members in promotion of improved hygiene and sanitation. Through the improvement of people understanding of water -sanitation and hygiene -health relationships, PHAST enhances permanent changes in hygiene behavior and community involvement. The understanding and involvement of community members form a sound basis for sustainable community management of water sanitation facilities, in terms of operation and maintenance

### **Training Objectives**

1. To introduce participants to the principles and facilitation of PHAST.
2. To introduce principles and facilitation of PHAST, build the capacity of interactive participatory facilitation skills as well as build capacities of the participants.
3. To design a monitoring and evaluation tool which can be adopted and used in their communities for positive hygiene and sanitation behavioral change.

### **Who can benefit from this course?**

This course is designed for management and field staff of communities based organizations (CBOs), Non-Governmental Organizations (NGOs), Government bodies and development partners. Public Health Officers, Health managers and Community Health workers who want to improve the impact on the ground and develop sustainable sanitation interventions. Head teachers and teachers in charge of health clubs or WASH clubs.

## **NTS003: Governance, Financial and Commercial Management of Water Services**

Date: 9<sup>th</sup> -20<sup>th</sup> May 2011 (2 Weeks)

Venue: Nairobi, Kenya

### **About the course**

The module is focused on topics that have direct relevance to the operation of these services, including water sector governance, reform and regulation; outsourcing and PPP; strategic management including improvement and expansion of services; benchmarking and performance management; and the management of change. The course also focuses on resource mobilization for WASH interventions.

### **Course Objectives**

1. Know about the options in water and sanitation systems governance and management
2. Be able to make strategic choices to enable improved water sector performance
3. Be able to outline a change management programme
4. Be able to set objectives and define related performance criteria for water and sanitation operations

### **Who Can Benefit from this Course?**

The module is targeted at water utility board members, managing directors and senior staff, town councilors, town clerks and heads of municipal departments, and directors and senior staff of district and other supra-municipal agencies that have a regulatory, supervisory or managerial responsibility in the area of water, sanitation and environmental services provision.

## **NTS004: Wash in Emergencies: Risk Reduction**

Date: 30<sup>th</sup> May - 10<sup>th</sup> June 2011 (2 Weeks)

Venue: Nairobi, Kenya

### **About the course**

The period during and after disasters signifies a time of great risk in the transmission of infectious diseases. Conditions are often unsanitary and conducive to disease outbreak. The associated risks to health are due to lack of safe drinking water, poor sanitation and hygiene practices. Early identification of appropriate, technically sound and sustainable water, sanitation and hygiene (WASH) interventions is therefore critical, for a fast and effective response to disasters. Interventions that improve water supply; sanitation and hygiene practice will greatly reduce disease transmission, alleviate the suffering and save lives.

Many emergency relief workers are able to assess and prioritize WASH needs for a population in distress. However, identification and implementation of practical and sustainable interventions to address these needs remains a challenge. This is because few professionals have the capacity and experience to translate WASH needs of affected communities into appropriate solutions.

### **Course Objectives**

1. To provide professionals with the essential knowledge, tools and skills to identify and implement sustainable measures in risk reduction.
2. To enable identification and implementation of practical and sustainable interventions to address these WASH needs.
3. Enable participants understand and translate WASH needs into appropriate solutions.

### **Who can benefit from the course?**

This course is designed for participants from a variety of backgrounds working in humanitarian relief. It is recommended for humanitarian organizations/aid workers, government agencies (special programmes, water, agriculture, environment, and health), middle and senior level managers of water utilities and urban planners.

## **NTS005: Resource Mobilization and Result Based Monitoring and Evaluation of Water and Sanitation Projects**

Date: 20<sup>th</sup> June – 1<sup>st</sup> July 2011 (2 Weeks)

Venue: Nairobi, Kenya

### **About the course**

Many projects/programmes have not adequately incorporated participatory monitoring in their activities. Consequently, monitoring has continued to be viewed as an activity that is carried out by outsiders, or an activity to satisfy funding conditionality.

Where monitoring has existed, it has mainly focused on efficiency (i.e. numbers of completed activities), overlooking the effectiveness (i.e. functionality, utilization), for the realization of the intended benefits. Even then, the information collected is not fed back to the users. This has led to delayed or no action taken on problems identified leading to unreliability of services and collapse of installations, contributing to the projects/programs not achieving the intended results.

The course “Result-Based Monitoring & Evaluation of Water and Sanitation Projects: applying result based approaches towards attainment of MDGs introduces new approaches and strategies for in-building monitoring into projects/programme activities. The course emphasizes results based approach, the involvement of users in the process of identifying issues for monitoring, data collection, analysis and use of information for taking action.

### **Course Objectives**

1. To acquire knowledge, attitude and skills necessary to address participatory monitoring and evaluation issues in WES projects/programme
2. To share knowledge on participatory monitoring of activities.

### **Who can benefit from this course?**

This course is designed for participants in WES development sector, senior managers and planners working in WES projects/programmes, programme/project staff involved in monitoring activities in the fields of health/hygiene promotion and community development together with trainers in participatory monitoring.

## **NTS006: Strategic Business Planning and Management**

Date: 11<sup>th</sup> -22<sup>th</sup> July 2011 (2 Weeks)

Venue: Nairobi, Kenya

### **About the course**

The modern organizations, whether large or small, for profit or not for profit, public or private, governmental or non-governmental are operating in an increasingly changing environment. Due to this dynamism in the organizational environment, it has become a challenge for the 21st century manager to ensure the sustainability and survival of their organizations. Challenges faced include but are not limited to; shifts in customer's tastes and preferences, stiff competition, emergence of new technologies, government regulations and the effects of globalization. In order to surmount these and other challenges, it is crucial for managers to align their organizations to the ever changing environment. The essence of Strategic Business planning and Management course is to equip managers and leaders of organizations with skills necessary to steer their organizations into the long-term future amidst ever increasing environmental changes. Strategic Management Course is aimed at assisting managers and leaders to understand the environment in which their organizations operate, because it is only after understanding these environments that they can be able to adjust their organizations accordingly.

The course also aims at equipping them with necessary skills to be able to articulate a future for their organizations, and to steer their organization towards that desired future status. Participants will also be taken through the actual process of formulating their organization's business plan, a very important tool in the day to day process of steering organization forward. The course will cover Organizational environment, Strategy Formulation, Strategy Implementation, Strategy Evaluation and Control, Change Management and Business Planning.

### **Course objectives**

1. To equip participants with an understanding of organizational environment by providing them with an insight to techniques of analyzing the organizational / business environment.
2. To equip participants with strategic, and change management and business planning skills. It will particularly enable participants to effectively achieve short, medium term and long-term institutional objectives

### **Who can benefit from this course?**

Managers, Leaders and trainers of Community based organizations (CBOs), Donor agencies, NGOs and Government agencies, Entrepreneurs, Private sector players and Manufacturers. Staff working in development Programmes.

## **NTS007: Addressing Challenges of Water Supply for the Urban Poor**

Date: 1<sup>st</sup> -12<sup>th</sup> August 2011 (2 Weeks)

Venue: Nairobi, Kenya

### **About the course**

Africa is urbanizing rapidly, at a rate of 3 – 5% per year. The reason for this growth is mainly rural-urban migration. Unable to find sustainable jobs in the urban areas, most of the new immigrants end up in unplanned settlements. At least 50% of the urban population in Africa lives in unplanned settlement. These people are generally poor, living on less than 1\$US per day. Poor provision of such essential services as water supply, sanitation, health and education exacerbates the plight of the poor. This course focuses on improving water supply for the growing number of urban poor.

Water utilities in Africa, (including small to medium size water service providers) find it increasingly difficult to provide adequate services to the needy areas: their core business operations are often stagnant, compounded by a dramatic rise in peri-urban and poor settlements.

Key entry points for pro-poor strategies will be discussed, including: (i) pro-poor tariffs and financing mechanisms for service improvement; (ii) institutional arrangements to improve services to the urban poor; (iii) pro-poor transaction design (including regulation and monitoring); (iv) advocacy and communications regarding the urban poor; and (v) consumer voice and civil society engagement. The course will also address Water Demand Management (WDM, Non-Revenue Water (NRW) and customer care.

### **Course objectives**

1. To share lesson learned and best practices in providing water to the poor urban populations in Africa
2. To develop skills for working with partners, including communities and local organizations, in improving water supply
3. To share knowledge on pro-poor and gender-balanced water supply policies with a focus on serving the urban poor

### **Who can benefit from this course?**

This course is designed for Community Based Organizations (CBOs), Non-governmental Organizations (NGOs), and Small Scale Providers (SSPs) to develop strategies and actions specifically targeting informal settlements.

# **NTS008: Sustainable Water, Sanitation and Hygiene in Schools and Communities**

Date: 22<sup>nd</sup> August - 2<sup>th</sup> September 2011 (2 Weeks)

Venue: Nairobi, Kenya

## **About the Course**

The shared world vision for hygiene, sanitation and water supply for the new millennium recognizes hygienic conditions and adequate access to safe water and sanitation services as fundamental rights. This continues to be challenging as community water and sanitation Programmes do not adequately address hygiene promotion alongside hardware. Universal Primary Education in many developing countries has resulted in significant increase in school enrolment but with inadequate facilities and little attention to hygiene, thus affecting learning environment. This has resulted in the continued spread of water and sanitation related diseases even where facilities exist.

The combination of improved facilities, correct behavioral practices and education in schools and communities are meant to have a positive impact on the health and hygiene conditions of the children and the community as a whole, both now and in the future. Domestic hygiene further contributes towards a sustained behavior change.

## **Objectives**

1. Enhance awareness on how to create more effective WASH programmes.
2. It will focus on creating conducive learning environment as well as planning and implementing improvements in Schools and communities.
3. It will bring about the new awareness of the complex interaction between behavioral and technological elements in schools and communities.

## **Who can benefit from this course?**

This course is designed for managers and staff in development work, staff from education agencies, public health and school heads responsible for hygiene, environmental, sanitation promotion in their institutions, leaders and managers of community based organizations, NGOs, government and donor agencies

## **NTS009: Protection of Urban Environment through Better Management of Watsan Services**

Date: 12<sup>th</sup> – 23<sup>rd</sup> September 2011 (2 Weeks)

Venue: Nairobi, Kenya

### **About this course**

Most urban towns and cities in Africa are struggling with the problem on environmental sustainability where it is becoming clear that most local service providers are not able to adequately provide services to the residents. The deteriorating nature of these services means that there is increased risk in the areas of public health.

One of the major ways that urban towns are addressing this challenge is through the improving of the water, sanitation and solid waste management practices by adapting an integrated approach that involves the key stakeholders in the towns. The aim of this course is to address this key challenge of environmental sustainability in the urban centers and their linkages to the public health service provision. The participants will be expected to explore what are the resultant risks to the urban environment when these services are not effectively managed. The services that the course shall lay emphasis to are water, sanitation, solid waste management and hygiene. Participants will acquaint themselves with the Principles of Integrated Water resource management principles (IWRM) and how they can be used to provide a process that engages all stakeholders in prioritizing the management and protection of urban water bodies through improved public health services. The course will address the strategies in which local practitioners can adapt in order to not only improve service provision but to increase the focus on protection of the general environment in the urban centers. It will also cover the aspect of Water Safety Plans which are an important component of water quality.

### **Objectives**

1. Make an environmental scan of the public health issues and share the experiences from different African centers
2. Address the communication challenge between the service providers and the public also learn on the most effective tools that can be applied
3. Explore different strategies that can use IWRM in improving water and sanitation services in urban towns
4. Understand the importance Water Safety Plans in their organizations.
5. Develop an action plan that will identify the participant and his/her organization planned input in improving these services

**Who can benefit from this course?**

The course is suitable for persons working in public health departments at the local level, NGOs working in WASH and solid waste management, educational institutions, municipalities, water service providers and other government officials.

# **NTS010: Non Revenue Water Management for Urban Water and Sewerage Authorities and Utilities**

Date: 3<sup>rd</sup> – 14<sup>th</sup> October 2011 (2 Weeks)

Venue: Nairobi, Kenya

## **About the course**

Mismanagement of water and land resources is putting human health and sustainable social economic development at risk. Explosive growth of urban centers, unsustainable exploitation of natural resources, uncontrolled industrialization, increasing water demand for food production, and expanding populations lacking proper environmental sanitation have led to progressive depletion and degradation of freshwater. Many of the problems in the drinking water supply and sanitation sector are related to the improper management of water resources.

Water and sewerage utilities in many Africa and South Asian cities are currently undergoing significant reform based on the principles of cost recovery, commercialization and demand management. These utilities are mandated to provide sustainable services to all consumers residing in the city, including the poor at affordable rates. Each must adopt effective management and business strategies to meet the challenge. In particular, the water utilities must be not only effective but also efficient in service delivery to ensure affordability of services, wide service coverage and environmental sustainability.

## **Course Objectives**

1. To establish a common understanding of definitions, concepts and current approaches in NRW.
2. To understand Management of Water Losses in Distribution Systems.
3. To understand NRW reduction from a utility management perspective.
4. To understand NRW assessment for their respective utilities.
5. To share experiences and learn on current practices in NRW reduction and take stock of best practices.
6. To develop individual/group strategies and work plans to implement NRW Management approaches.

## **Who can benefit from the course?**

This course is designed for senior and middle level managers and operators responsible for development of strategies for NRW reduction from water utilities and local/municipal authorities/ water service providers.

## **NTS011: Management for Sustainability of Water and Sanitation Projects Utilities**

Date: 24<sup>th</sup> October – 4<sup>th</sup> November 2011 (2 Weeks)

Venue: Nairobi, Kenya

### **About the course**

Provision of water and sanitation services through Programmes or projects is one thing, maintaining the services is quite another. Evaluations and assessments done a few years after commissioning of various WASH (Water, Sanitation and Hygiene) projects in developing countries come with the dismal report that the project is dead, or it is performing far below the par. This course is for project/Programme managers who want to improve the performance of their organization and make sure that water supply and sanitation services in place keep working. It answers such questions as: what kind of support do communities require to maintain their improved facilities? How can this support be provided? What are the organizational conditions we need to put in place? What tools can we use? Who should be involved? What does it demand from support organizations and the communities? In other words: what does it take to sustain a WASH project and to keep it working and positively impacting on the people's lives for as long as possible?

### **Course objectives**

1. Enable participants, through interdisciplinary problem analysis and formulation of objectives.
2. To identify key management and sustainability issues in WASH projects.
3. Gain up-to-date information on approaches to issues like demand responsiveness, community management, Operation and Maintenance (O&M), monitoring and ensuring sustained functioning and use of facilities Build participants' skills in project planning, management and facilitation Encourage participants.
4. To apply acquired knowledge and skills in their own context

### **Who can benefit from the course?**

This two-weeks training course is primarily meant for senior professionals, managers and planners working in the field of water, public health, hygiene education and community development.

## **NTS012: Scaling Up Community Management for Sustainable Water Supply and Sanitation Programs**

Date: 14<sup>th</sup> – 25<sup>th</sup> November 2011 (2 Weeks)

Venue: Nairobi, Kenya

### **About the course**

Over the decades, and especially during the UN International Drinking Water and Sanitation Decade (1981-1990), many projects were built in developing countries. Most were initiated and implemented by governments, donor agencies and NGOs with little or no involvement of beneficiary communities (supply-driven approach).

The operation and maintenance of these projects was undertaken by governments. With time, poor management structures and diminishing resources made it difficult for governments to maintain and sustain them. This led to collapse of many projects. The effects of this have been a marked decline in water and sanitation coverage, access, loss of investments and user benefits. Water sector reforms driven by policy changes have resulted in a shift from centralized systems to community managed services. Communities need to be empowered to take over the operation, maintenance and management of Water Supply and Environmental Sanitation projects and to work in partnership with governments and other partners.

### **Objectives**

1. To build capacities within the communities and agents working with them to ensure proper management and sustainability of water and sanitation facilities.
2. It addresses key issues in scaling up community management including how to move from micro to macro at regional level, replicating the “best practice” and linking water for people with water for livelihoods.

### **Who can benefit from this course?**

Staff who plan and manage community-based water supply and environmental sanitation projects/Programmes, Staff working in development Programmes Leaders, Managers and Trainers of community based organizations, Donor Agencies, NGOs and Government agencies. Tutors and Lecturers from sector training institutions and Programmed Managers of funding agencies.

## **NTS0013: Prevention of WASH related risks through appropriate Nutrition**

Date: 23<sup>rd</sup> January - 3<sup>rd</sup> February 2012 (2 Weeks)

Venue: Nairobi, Kenya

### **About the course**

Nutrition is a key aspect in our day to day life. Sanitation related diseases affect the nutrition status of both children and adults which may consequently lead to many deaths and yet these conditions can be managed nutritionally.

Both nutrition and sanitation are both key area that should be addressed in emergencies. One can't be managed living the other as they both affect each other largely.

Hygiene is also a very important area that should never be left unaddressed while talking of nutrition. Food hygiene is very important for every ones life. Therefore it would be a great mistake if we addressed nutritional issues without thinking of sanitation or the vise versa.

The course is designed to equip the participants with knowledge on how to manage WASH related diseases nutritionally.

### **Objectives**

1. To equip the participants with knowledge on how to manage WASH related diseases nutritionally.
2. Develop an action plan that will identify the participant and his/her organization planned input in improving nutrition provision in combating WASH related risks.

### **Who can benefit from this course?**

Professionals working in the field of nutrition; health workers in organizations and hospitals; managers in sanitation projects; and WASH experts.

## **NTS0014: Business Skills in Water, Sanitation and Solid Waste Management**

Date: 13<sup>th</sup> February – 24<sup>th</sup> February 2012 (2 Weeks)

Venue: Nairobi, Kenya

### **About the Course**

The main thrust of the course is to enable participants to appreciate solid waste management and water and sanitation as source of income generation, exploit solid waste management opportunities in their respective countries through which incomes and employment can be enhanced and appreciate the concept of public private partnership in managing solid waste.

The module provides business skills on solid waste management, technology options involved, contracts management and development of small scale projects opportunities for economic and business activities in the solid waste sub sector. The module also aims to impart knowledge towards establishment of public toilets and water kiosk and possibility of utilizing the opportunities of private partnerships for sustainable investments. It should increase access to water and sanitation services by building the capacity of the participants to manage the facilities at the local level.

The course also recognizes that enabling environment for private involvement is usually an issue (inadequate) in the towns and hence the module is designed to create enabling mechanisms from relevant authorities to facilitate private organizations and individuals for involvement in small scale business in waste management and water and sanitation. Site visits exposure for practical learning is covered to give first hand practical experiences.

### **Course Objectives**

1. Be able to appreciate SWM and WATSAN as a Local Economic Development opportunity.
2. Appreciate the concept of Public Private Partnerships for Local Government Authorities (LGA), private sector and civil society actors.
3. Be able to submit bids in relation to tenders floated by LGA for WASTAN works ( for SMEs and local artisans)
4. Identified key actions for achieving business development

### **Who can benefit form this course?**

This course is designed for senior and middle level managers from water and sanitation utilities and local/municipal authorities/ water service providers. It also covers private investors in the water and sanitation industry.

## **NTS0015: Water Safety Plans – Training and Capacity Development**

Date: 5<sup>th</sup> September – 9<sup>th</sup> September 2011 (1 Week)

Venue: Nairobi, Kenya

### **About the Course**

Water Safety Plans (WSPs) provide water utilities with a risk-based, preventative approach to managing water supplies with the cooperation of other key stakeholders. Successful implementation of WSPs can improve drinking water quality, accrue operational efficiencies and provide a robust framework to better target more sustainable capital investments. Water safety plans also addresses factors that contribute to management of non-revenue water (NRW) through physical water losses in distribution systems.

### **Course Objective**

WSPs are a risk based approach to better protecting the quality of public drinking water. The WHO's 3<sup>rd</sup> edition of Guidelines on Drinking Water Quality (WHO, 2004) explicitly states the importance of WSPs and The Bonn Charter (IWA, 2004) advocates the use of WSPs as the best way of ensuring good, safe drinking water.

WSPs are now being adapted worldwide, but they are not always fully understood by all stakeholders. There are a number of key phrases which are not always translated appropriately or are simply misunderstood. Face to face training is therefore considered to be an essential component of globally successful WSP implementation.

### ***Broad objectives***

Participants should understand the development and implementation of the WSP approach to ensure safety and acceptability of a drinking water supply. The specific objectives are:

- Be able to understand the process of implementing water safety plans in an institution;
- Be able to understand all the hazards and hazardous events that can affect the safety of water supply from the catchment through treatment and distribution to the consumers point of use;
- Be able to assess the risks presented by each hazard and hazardous event;
- Be able to evaluate whether barriers or controls are in place for each significant risk and if they are effective;
- Be able to validate the effectiveness of controls and barriers;
- Be able to implement an improvement plan where necessary;
- Be able to demonstrate the consistent safety of the system;

## **Content of Training**

The training will cover all 11 learning modules of the WHO / IWA Water Safety Plan Manual (Bartram, 2009) plus an additional module on the WHO / IWA WSP Quality Assurance Tool. The training will also be adapted for local circumstances, with appropriate case study material and exercises.

## **Training Approach**

The training will use the participatory learning and action (PLA) approach. In order to adequately convey the key concepts of WSPs a variety of training techniques will be used:

- Experience sharing – Presentation of key issues and experiences from participants
- Didactic presentation - imparting information / theory
- Small group exercises – assimilating theory
- Case study examples and a field visit - contextualising key concepts
- Small group and large group feedback – deepening understanding of theory
- Available resources on data stick – to include the WSP manual, presentation slides, workbook, WSP quality assessment tool
- Workbook – a comprehensive workbook to accompany module learning sessions

## **Training Outcomes**

Each participant shall produce a personal and institutional action plan on how to utilize the skills and knowledge gained during the training to take back to their organisation to start or continue implementation of WSPs.

## **Course Fees and Accommodation**

The course fees are 699 USD per person. It is a residential course; accommodation costs are 380 USD per person for the duration of training. Although it is advisable for participants to stay at the selected venue, payment for accommodation is optional, and therefore participants are at liberty to make their alternative arrangements. Day participants will be charged at a rate of US\$ 17 or Kshs.1, 300/= per day for meals and conference facilities. The course is restricted to 30 participants, institutions – in particular water suppliers – are encouraged to send at least three members of staff to ensure maximum effectiveness in implementing WSPs.

## **Who can benefit from this course?**

The training is aimed at all individuals involved in the management of drinking water quality, including management, operational staff (both quality assurance and engineers) of water suppliers, representatives of government agencies, community supply managers and representatives from NGO's.

## **Corporate Training Programme**

### **Customized (Onsite) Training**

Recognizing the need for flexibility and adopting to client requirements, Netwas offers customised (tailored) courses. These courses are offered to organizations that needs to tailor the course to suit the specific programme.

All our scheduled courses may be tailored to suit your specific corporate needs. The Customized Training programme offers an excellent opportunity to build synergy and team work in and among the client staff. These courses are offered for durations that range between 1 to 2 weeks, on the client premises/ working place. They cut down on costs significantly

## **Practical Information**

### **Course Methodology**

The course uses participatory learning techniques. The sessions are dynamic and include short introductory presentations, discussions, group work, case studies and practical exercise. Participants will visit community based projects for practical field experience. NETWAS Documentation Center that has a variety of current and relevant publications, access to the internet and a conducive reading environment will be used extensively. NETWAS International staff together with their associates, with extensive experience in monitoring and evaluation activities will guide the participants throughout the course. Relevant publications will be provided to each participant as well as a CD containing all presentations.

### **Application Procedures**

The number of participants is limited (maximum 20). Final selection and confirmation is made upon receipt of payment. Participants are therefore advised to pay at least one (1) month in advance before the commencement date of the course to allow time to communicating the joining instructions. In case we do not get adequate number of participants registering for a particular course, the same may be cancelled or postponed. Applications should reach Netwas International at least one-month in advance before the course commencement date.

### **Course Fees**

(Payable in US Dollars or Equivalent Kenya Shillings)

The course fee for 2-weeks is US\$1,480 or equivalent Kenya Shillings per participant. This will cover tuition, course file, books and field trip.

## Language

All courses will be conducted in English.

## Duration and Timing

These are full time residential course. Sessions commence at 8.30 a.m. and end at 5.00 p.m. A certificate will be awarded to those who successfully complete the course.

## Accommodation (2 Weeks)

Full board accommodation is available at the venue of the course at an additional cost of US\$750 OR equivalent Kenya Shillings. Although it is advisable for participants to stay at the selected venue, payment for accommodation is optional, and therefore participants are at liberty to make their alternative arrangements. Day participants will be charged at a rate of US\$ 17 or Kshs.1, 300/= per day for meals and conference facilities.

## Medical and Liability Insurance

Participants are advised to secure adequate medical and liability insurance cover. You can make your application directly on this website, or you may mail a print version of the application form to Netwas. View the application guidelines and begin your application process.

### **For more information, please contact:**

Netwas International,  
Netwas Magadi Road,  
Off Lang'ata Road,  
P.O. Box 15614 - 00503

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