

Editorial

ISIIMM Micro Project in Egypt

Solid Waste Management In Mostafa Agha (SWaMMA)

Why target solid waste in a water resource and irrigation project?

Let us live
healthily
in a clean
environment
with clean
water

Water quality and flow in irrigation canals is an issue that affects agriculture, sanitation and living standards in rural Egypt. Here, contamination in irrigation waters usually stems from both liquid and solid waste. Solid waste in rural Egypt is typically derived from 2 key sources: *i)* Agriculture and *ii)* Domestic. Solid waste in irrigation canals accumulates as the canal passes through each town or village. These villages often do not have sufficient technical infrastructure to deal with solid waste. This problem is exacerbated by the lack of social awareness and action and appropriate institutional structure for solid waste management.

To address this issue in Mostafa Agha village, the ISIIMM project will implement a water quality improvement program for irrigation canals through better management of agricultural and domestic solid waste. This project comprises a physical solution and institutional and social activities that tie in with the IWRM issue of gender and other key global issues such as youth and sanitation.

Progress to date

Having completed a lengthy site selection process and feasibility study earlier in 2005, ISIIMM is now focussing on the planning and delivery of the SWaMMA project.

This involves implementation across multiple axes:

- **Social** – awareness, cultural shifts, targeting: women, farmers, youth and children;
- **Institutional** – forging relationships, creating institutional framework, capacity building;
- **Technical** – collect, transport, sorting, recycling and composting.

The SWaMMA Project is expected to be completed and full management handed over to the local community before October 2006.

Regional Monitoring Support Unit (RMSU) started his work

The RMSU project started on the 12th of October 2005 with the arrival of the team leader, Mr. Gert Soer (*our photo*) in Amman, where he will work in close collaboration with Andrew Warsap, Task Manager MEDAWATER, Section of Development and Regional Cooperation of the Delegation of the European Commission in Jordan. The RMSU project is managed by the Mediterranean Water Institute (IME-Marseille, France). The deputy team leader and support staff will be situated in its Marseille office. The first conference of MEDA-Water projects will be held on 5-7 December at the Dead Sea under the aegis of the RMSU.

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This project is funded by the European Union

SWaMMA PROJECT MISSION

To introduce a domestic and agricultural solid waste management solution to Mostafa Agha in order to improve irrigation water quality in canals and provide benefits to the community.

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Solid waste in irrigation canals

Expected project outcomes

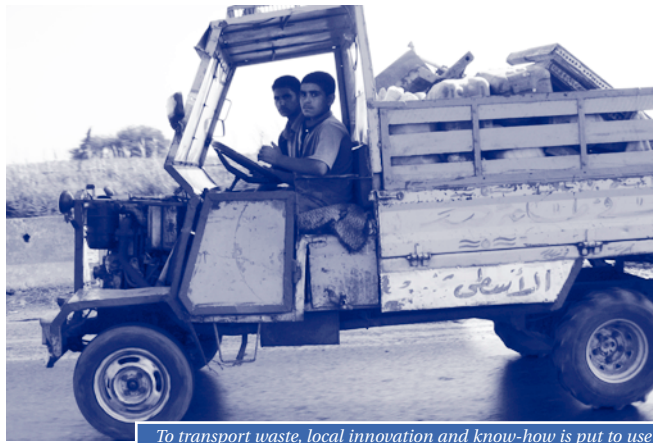
- Improved water quality in irrigation canals;
- Improved irrigation water flow to fields
- Improved sanitation in Mostafa Agha;
- Increased awareness of solid waste issues in the canal and for the community;
- Development of sustainable long-term waste management program Development of a sample project that can be replicated in other villages.

Briefly, in this release

- SWaMMA Project: Driving sustainability through local partnership and ownership
- Communication Strategy and Tools: workshop results
- ISIIMM Seminars: Sharing experiences
- Lesson learned from the Facilitator: Lebanon
- The Mediterranean ISIIMM partners: France
- Good Reads
- Upcoming events

ISIIMM Micro Project:

Driving sustainability through local partnership and ownership



To transport waste, local innovation and know-how is put to use to produce low cost tractors made from old water pump motors.

"Sustainability and replicability" is key to the success of the SWaMMA Project. Importantly, ISIIMM is only funding the acquisition of initial equipment and supplies for the SWaMMA Project, thus necessitating local, regional and national collaboration in the realisation of the project. Most activities will be carried out by local actors. Current local support and momentum for the project is high, and the project aims to build on this by creating lasting stakeholder relationships, institutionalising a practical solution and building the core capacities (such as business planning) required in the community to ensure the ongoing operations into the future.

The creation of Regional and Local Committees (comprising ministerial authorities, local authorities, NGOs, women and youth representatives, private enterprises etc...) will help to ensure successful project implementation and increased local ownership.

MOSTAFA AGHA AT A GLANCE

Population: 4,500
Governorate: Behera

Water source: Nile River
Main Canal: Mahmoudia
Target Canal: Al Resqa

Main economy: agriculture
(rice, cotton, wheat)

Our Partners



The team

Project Governance



For more information please visit www.isiimm.agropolis.org/swamma/

Communication Workshop

Strategy and Tools

12-13 September 2005, Granada- Spain



Egyptian think tank

This two day workshop revisited the current communication situation, and discussed the way forward for the remainder of the project and into the future.

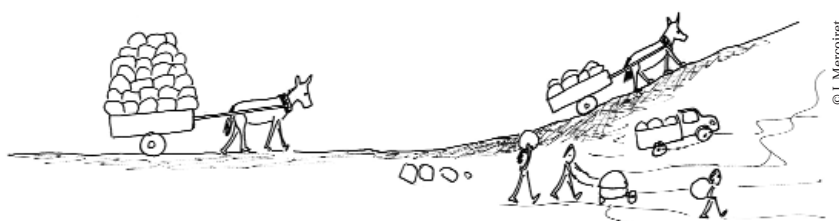
The objectives of the workshop for the ISIIMM

national coordinators and facilitators were to:

- analyse the external communications of the project with regard to the contractual agreements,
- outline the common ISIIMM messages and also specific messages for each country, site or group,

- exchange experiences on communication methods used by the various national teams
 - Define the Phase 3 communication strategy for the project (Dissemination),
 - provide training in appropriate communication tools
- As a result of this workshop, a communication strategy for the third phase of the project has been outlined with special emphasis on
- a preliminary agreement on the synopsis "ISIIMM Results",
 - Elements drawn up for films production in each partner country,
 - ISIIMM Phase 3 communication activities (Dissemination, publications, information data base OSIRIS)
 - Communication techniques for water managers.

For the countries' films, think tanks by countries have been organised according to the key messages in order to determine the common subjects, the means at the disposal of each team, the allocated budget (eventual joint financing), and timeframes.



Role of the State

EXAMPLES OF KEY MESSAGES

- "Put efforts together to defend irrigation in Mediterranean zone" - France
- "An association provides the power to develop agriculture in an area whilst enabling an acceptable socio-economic situation" - Lebanon
- "Benefits to be gained through networking and group action" - Egypt

Next ISIIMM Seminars

Sharing experiences: *ISIIMM field seminar between Morocco and Spain*

15-18 November 2005, Valencia (Spain)

January 2006, Marrakech (Morocco)



Valencia - Field trip

The exchange of experiences between Morocco and Spain destined to technicians, irrigators and team members of both countries started with the Valencia Exchange Seminar that have been held at the

Abashiri Hotel between the 15th and the 18th of November. The exchange will continue with a second seminar to be held in Marrakech, between the 16th and the 20th of January, 2006. The structure of this double seminar aims to compare management of irrigation in both systems, following a methodology developed by the ISIIMM project. Accordingly, the first seminar will focus on the Spanish case studies, in order to analyse the Moroccan management models during the second seminar. During these meetings, four themes will be treated :

- Water rights: similarities and differences
- Local & Basin/National administrative structures
- Water Prices: What does pricing involve?
- Environmental conflicts and drought management

ISIIMM field seminar *between Morocco and France*

Leading up to and immediately after the Valencia seminar (14 and 19 November), French project partners from the Departmental Chamber of Agriculture of the Pyrénées-Orientales received Moroccan participants - farmers, water-users associations representatives and technicians. Meetings with representatives of associations of water-users and field visits to the Têt Valley have been included in the program.

Learnt from facilitator

The ISIIMM project in the Lebanon: *facilitator experience*

Presented by Youssef ANTOUN,
Upper Litani Basin facilitator

As the facilitator in the Upper Litani basin in Lebanon, I tried first of all to develop a questionnaire to cover the socio-economic and agricultural issues in the region. In this questionnaire I insisted on the details and the methods of irrigated agriculture relating to the users of the channel 900. This prototype questionnaire was adjusted later on after several contacts with users of the area.

Our essential goal was to promote the joint work of the users in order to create a water users association of the channel 900. Within this framework I started activities and organised meetings with different groups of the users. I identified key people among these users, the

Italian-Lebanese workshop *on "stakeholder' involvement in water resources management for irrigation"*

13-16 December 2005, Treviso-Italy

The meetings are addressed to the representatives of farmers, municipalities, regions, industry, other relevant decision makers. During the first seminar in Treviso the Italian experience of irrigation and land reclamation in the area of Treviso will be presented and discussed with Lebanon colleagues, using the example of irrigation management in the area of Land Reclamation Board Destra Piave. The Lebanon participants will present irrigation management in Lebanon and specifically in the Bekaa valley. Discussion and comparison of the situations and approaches in the two countries and exchange of experiences should contribute to a better understanding of particularities and common points of irrigation management in the both countries.

Scenarios about water use and management in 10/15 years will be discussed in order to build a common vision about the future use and management of the water resources in the concerned areas. Field visits are planned to include Nervesa, Brentella, Quero, sorgente Vas and specific selected farms in the Destra Piave area.

ISIIMM field seminar *between Lebanon and France*

On 9-10 December the Chamber of Agriculture of the Alpes of Upper Provence will welcome the Lebanon participants to Oraison. The programme of the visit includes meetings with farmer syndicate associations (ASA) of Salignac Entrepierres and canals of Oraison and Thor and Dabisse. They will attend a meeting of the Syndicate Council of ASA of Thor and Dabisse and discuss with the presidents of Associations and Federation of Collective Irrigation Structures regarding the operation of Syndicate Associations.

latter seemed to me the most motivated in this field and each one for various reasons. Later, after several investigations and meetings and working with the users, land owners and drilling owners, as well as the mayors of the municipalities which use water from the channel, I arrived to understand well the situation in the area. Several problems having the significant impact on project development have been determined .

Due to the complicated situation, the push to create an association is delayed. The reasons are the following: absence of the users owners, water pollution, technical problems of canalisation and drainage, important parcelling out of land and absence of the clear and defined properties, individualism of the farmers and difficult situation of agriculture in the area.

In spite of all these problems, I tried to keep contacts with the users, especially the most motivated of them, hoping to define together several axes of our future co-operation in the field.

Good reads



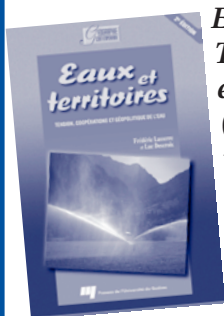
L'eau comme fait social (Water as social issue)

Corinne Berger, Jean-Luc Roques
16.5 euros

This book proposes that before being a work of civil engineering, water management is, above all, a social. Water management remains an object of power over

humanity, its activities and its imagination. If sharing water means to share power, to possess water also means to possess its power.

ISBN : 2-7475-8657-X • septembre 2005
In French



Eaux et territoires, Tension, coopérations et géopolitique de l'eau (Water and territories: Tensions, co-operations and geopolitics of water)

Frédéric Lasserre, Luc Descroix
Presses de l'Université
du Québec, 40.00 euros

Wars over water, water scarcity, water management. The issue of water accessibility, water sharing and the potential conflicts arising from increasingly complex and difficult situations has recently come to the fore. Using cases from various continents, the authors examine the factors related to water accessibility and the principle issues at stake regarding the allocation and distribution of water and the related choices available to the use of such an important resource.

ISBN: 2-7605-1684-X • 2nd edition • 2005
In French

Congratulations...



...to ISIIMM Lebanon Country Coordinator, **Said GEDEON**, and his wife **Najwa ATALLAH** who were married on 9 July 2005.

We send our best wishes for happiness, health and prosperity to the new family.

ISIIMM news

(also available in PDF, see ISIIMM website)

"Promoting an integrated and balanced management of water resources by reconciling respect for the environment with economically viable irrigated agriculture"

ISIIMM

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Design & layout: Olivier PLAU (Agropolis Productions)
Printed in France by Les Petites Affiches (Montpellier)

Printed on recycled and chlorine-free paper
ISSN: 1765-3207 - Legal deposit: December 2005

The ISIIMM Mediterranean Partners: France

Agropolis International



Agropolis International is an association that brings together the universities and research centres of Languedoc-Roussillon region and represents all the research groups working on water management by users' organisations. Agropolis International is the overall coordinator of the entire ISIIMM project and, according to the needs of the project, will mobilise experts who belong to various groups working in research-action on problems of water management and human societies such as :

- IRD (French Institut for Research and Development) - Ur044 (Research Unit) Social Dynamics of Irrigation
- Cnearc - Social Water Management
- University of Montpellier II
- University of Montpellier III
- CIRAD - French Agricultural Research Centre for International Development
- IAM-M - CIHEAM - Mediterranean Agronomic Institute of Montpellier

See www.agropolis.fr

CRALR: Chambre Régionale d'Agriculture du Languedoc-Roussillon



The Regional Chamber of Agriculture of Languedoc-Roussillon is a development partner of the project for France. The Chamber of Agriculture develops its activities in two areas: as a mouthpiece for agriculture and the rural areas, and as a service provider for farmers. It is a

professional public establishment, which acts as a consular organisation. All the agricultural components are represented here through 10 electoral colleges. In the ISIIMM Project the Regional Chamber of Agriculture works in close collaboration with the Departmental Chambers and water users organisations implied in the project case study, and represents the Regional Chamber of agriculture of Provence-Alpes-Côte d'Azur also involved in the project.

Association VERSeau Development



VERSeau Development is a non-profit association (french law 1901) created in 1983. VERSeau means : Valorisation of Studies and Research in Water Sciences.

Members of the Association include regional and local authorities, higher education institutions, scientific and research centers, regional developers and SMEs in the water field. VERSeau's objectives are :

- **To ensure a follow-up** of the state and evolution of technical innovations, legislation, institutional systems and modes of water resources management on the national and international levels.
- **To integrate know-how and development** by creating partnerships between public and private organisations in order to initiate and lead actions of expertise, technical advice, training and projects of common interest with the aim to propagate and to put into practice the principles of Integrated Water Resources Management.

See www.verseaudeveloppement.com

Upcoming regional events

• Conference of 35 Euro-Mediterranean Water Directors

24-25 November 2005, Rome - Italy

The conference is organised as part of the activities to celebrate the 10th anniversary of the Euro-Mediterranean partnership. It aims to define the strategy for the next 10 years, in particular integrating the monitoring of trends towards the Millennium Goals relating to water and sanitation in the Mediterranean, as well as the implementation of the water sector of the Mediterranean Strategy for Sustainable Development.

• International Workshop on Water Poverty & Social Crisis

10-13 December 2005, Agadir - Morocco

The workshop will approach the relationship between poverty & social crises by treating both issues as equally important sources of explanation. The workshop will be a venue for a debate between researchers and NGO members on the issues of water and/or poverty. Representatives of partner teams from Morocco and France will take part in this workshop.

• Understanding diversity: Mapping and measuring

26-27 January 2006, Milan - Italy

The conference focuses on empirical research and on the challenge of mapping, measuring and comparing diversity within and across countries, regions, cities or institutions and organisations.

Questions about the newsletter or its content?
Write to : isiimm@agropolis.org