

## SWIM Demonstration Projects – On-going activities

*Click on the title of each activity to download the related information or to connect to the project's website*

Project	Activity	When?	SWIM Partner Countries involved
SWIM - Sustain Water MED	Regional Conference on Sustainable Integrated Wastewater Treatment and Reuse in the Mediterranean	1-2 December 2014	Morocco, Tunisia, Egypt and Jordan
SWIM- IMPROWARE	Launching of tender procedures for the waste water treatment plant upgrade in Nobariya-Wadi El Nutrun	31 May 2014: deadline to receive offers	Egypt
SWIM - Sustain Water MED	<a href="#">Regional training course on Wastewater Quality Monitoring and Environmental Impacts</a>	12-16 of May	Morocco, Tunisia, Egypt and Jordan
SWIM - Sustain Water MED	Local training on Environmental and Sanitation Monitoring and Management	3-4, 6-7, 10 May, 2014	Tunisia
SWIM- IMPROWARE	Geophysical training course on gTEM geophysical technique – from data acquisition to interpretation	End of April 2014	Egypt
SWIM - Sustain Water MED	Training on geophysical data processing	10-12 April 2014	Tunisia
SWIM WADIS-MAR	Geophysical data survey 7-9 April 2014	7-9 April 2014	Tunisia
SWIM- IMPROWARE	Technical Workshop “ANY DROP OF WATER” to disseminate information about the technical status of IMPROWARE activities as well as new methodologies, technologies and models in the field of hydrogeology and the outcomes of the recent investigations carried out in Nobariya	2-4 April 2014	Egypt and Tunisia
SWIM- IMPROWARE	Tender procedures for drilling pumping wells and piezometers for hydrogeological investigations in Nobariya Wadi El-Nutrun	31 March 2014: start of drilling activities	Egypt

SWIM WADIS-MAR	Training activity on agro-meteorology	30 March - 5 April 2014	Algeria
SWIM-Sustain Water MED	Local training on Operation and Maintenance of Waste Water Treatment Plants WWTPs, irrigation systems as well as pumping stations	17-18 March 2014	Tunisia
SWIM-ACLIMAS	Brochure related to the project's activities in Lebanon: available in <a href="#">English</a>		Lebanon
SWIM-ACLIMAS	Poster on Adapting to climate change and testing possible measures to stabilize wheat and barley yields in Bekaa Valley, Lebanon: available in <a href="#">English</a>		Lebanon
SWIM-ACLIMAS	<a href="#">Video on an old farmer' thoughts - Bekaa valley</a>		Lebanon
SWIM-ACLIMAS	<a href="#">Video on Byblos Field Day</a>		Lebanon
SWIM-ACLIMAS	<a href="#">Sowing period – Baalback, Bekaa valley</a>		Lebanon
SWIM-ACLIMAS	<a href="#">Sowing period – Shaat, Bekaa valley</a>		Lebanon
SWIM-ACLIMAS	Training course on the Sustainability analysis of adaptation to climate change of Mediterranean agricultural systems : the programme is available in <a href="#">English</a>	11-13 March 2014	Morocco
SWIM-ACLIMAS	Field day on fertilization practices under conservation agriculture	4 March 2014	Morocco
SWIM-ACLIMAS	Field day on Weed control	25 February 2014	Morocco
SWIM-ACLIMAS	Field day on Crop establishment: a leaflet about this field day is available in <a href="#">French</a>	12 February 2014	Morocco
SWIM-ACLIMAS	Field day on the Importance of planting days and fertilizer application in wheat cultivation	12 February 2014	Jordan
SWIM-All Across the Jordan	Semi-final baseline report describing the current situation in the Lower Jordan River Basin, and presenting major challenges towards creating sustainable development conditions: available in <a href="#">English</a>	February 2014	Israel, Jordan and Palestine
SWIM-IMPROWARE	<a href="#">Technical missions in the target area: hydrological investigations and geophysical campaigns</a>	November 2013 – January 2014	Egypt
SWIM-IMPROWARE	<a href="#">E-Learning programme including the following three training modules:</a> <ol style="list-style-type: none"> <li><a href="#">Legislative Framework on Water Resources Management</a></li> <li><a href="#">Socio-economic Impacts of Wastewater Treatment Using Natural Systems and Related Industrial Application and Development</a></li> <li><a href="#">Scientific and Technical Aspects of Water Resources Management</a></li> </ol>	February-March 2014	Egypt, Tunisia
SWIM-	<a href="#">Second Focus group aimed to identify solutions to improve transparency concerning the</a>	27 December	Tunisia

IMPROWARE	<a href="#">treatment of public water and discuss the state of the art of Sustainable Water Integrated Management in Tunisia.</a>	2013	
SWIM-IMPROWARE	<a href="#">Stakeholders' workshop on water management in Egypt.</a>	22 December 2013	Egypt
SWIM-IMPROWARE	<a href="#">Project design of the constructed wetland in Nobarya and publication of tender documents for its realization. Evaluation of the received offers in January 2014.</a>	December 2013	Egypt
SWIM- ACLIMAS	<a href="#">Field day on the promotion of cereals products from Bekaa Valley</a>	3 December 2013	Lebanon
SWIM- ACLIMAS	<a href="#">Sowing activities in all demonstration sites</a>	November - December	Algeria, Egypt, Jordan, Lebanon, Morocco and Tunisia
SWIM- ACLIMAS	<a href="#">Two field days in Lebanon in Shaat village and in Baalbeck addressed to farmers living in the target areas to discuss: a) Conservation tillage versus conventional tillage, b) Weed management in conservation tillage, c) New wheat and barley varieties, d) Climate change impact on crop production.</a>	11-12 November 2013	Lebanon
SWIM-IMPROWARE	<a href="#">Technical Surveys in the demonstration sites</a>	October - December 2013	Egypt, Tunisia
SWIM-IMPROWARE	<a href="#">Stakeholders' analysis to prepare the communication campaign structure and assess the target group and multipliers effects.</a>	October – December 2013	Egypt, Tunisia
SWIM-Sustain Water MED	<a href="#">Field mission to the target area in Tunisia and meeting with the target group (farmers and local authorities responsible for wastewater quality monitoring) to present and discuss the results of the Baseline Study. Based on a thorough socio-economic, legal, environmental and health assessment the study concludes that the pilot project in the area irrigated by the Ouljet El Khodher Wastewater Treatment Plant in the Medenine Governorate should concentrate on strengthening the local water user association, improving the coordination mechanisms of local authorities responsible for wastewater quality monitoring as well as general capacity building through the provision of laboratory equipment and additional sand filter as well as targeted training courses.</a>	December 2013	Tunisia
SWIM-Sustain Water MED	<a href="#">Bi-annual Regional Coordination Meeting</a>	5-6 December 2013	Egypt, Jordan, Morocco,

			Tunisia
SWIM – WADIS-MAR	<a href="#">Steering Committee Meeting</a>	2 December 2013	Tunisia
SWIM-Sustain Water MED	<a href="#">Jordanian Steering Committee Meeting on the 'Progress of the Construction Work' of the decentralized wastewater treatment plant at the Public Security Directorate in Moqablane</a>	last week of November	Jordan
SWIM-Sustain Water MED	<a href="#">2nd Regional Training Course to provide participants representing relevant public and private organizations with the theoretical and technical knowledge on the principles, diverse technologies and benefits of Decentralized Wastewater Treatment and Reuse as a key component of Integrated Water Resources Management</a> <a href="#">Read the article related to this event</a>	3-7 November 2013	Egypt, Jordan, Morocco, Tunisia
SWIM - IMPROWARE	<a href="#">First focus group with local stakeholders from the demonstration site of Korba to collect information on the point of view of Stakeholders about the Governance of the Water Cycle in the area and the appropriate communication strategy to implement</a>	3 October 2013	Tunisia
SWIM - IMPROWARE	<a href="#">Design of baffles in the maturation ponds of the wastewater treatment plant in Korba in order to improve the distribution of residence time</a>	October 2013	Tunisia
SWIM-Sustain Water MED	<a href="#">Field mission to the target area in Egypt (Ismailia Governorate) and meeting with the village representatives to present and discuss the results of the Baseline Study. The study outlines socio-economic, legal, health and environmental factors relevant for the implementation of the decentralized wastewater treatment plant in Al Gezayra village (ca. 1000 inhabitants) and after carefully assessing not only villagers' attitudes and readiness towards the pilot activity but all of the other above factors as well, the study concludes that the best technology to be applied is an anaerobic biogas production-digestion unit accompanied by a polishing step in order to enable the reuse of the effluents for the agricultural production of non-freshly eaten crops. The construction work is foreseen for the 2nd and 3rd quarter of 2014.</a>	October 2013	Egypt
SWIM – WADIS-MAR	<a href="#">Short videos describing the agronomic activities in the target sites</a>	October 2013	Algeria, Tunisia
SWIM – WADIS-MAR	Informative Technical Sheets describing the four target sites in Tunisia and the type of interventions planned in the framework of the project (can be downloaded in English):  ➤ Bedoui – Informative Technical Sheet	October 2013	Tunisia

	<ul style="list-style-type: none"> <li>➤ Megarine - Informative Technical Sheet</li> <li>➤ Ksar el Hallouf- Informative Technical Sheet</li> <li>➤ Chaabet El Anaz- Informative Technical Sheet</li> </ul>		
SWIM-Sustain Water MED	<a href="#"><u>Workshop to inform the project's beneficiaries in the rural village of Ait Idir in the Souss-Massa and Draa region of the results of the baseline assessment previously carried out. The pilot project in this rural community will foresee the construction and application of technologies to convert human excreta into nutrients for their reuse in agriculture or for the production of biogas. These "ECOSAN" interventions will contribute to the reduction of health risks related to sanitation, reduce the consumption of freshwater, reduce the contamination of ground and surface water and give a value to the nutrients found in waste</u></a>	September 2013	Morocco
SWIM-Sustain Water MED	<a href="#"><u>Start of the construction work of the decentralized wastewater treatment plant in Jordan will start in late August. The plant will benefit the new Head Quarters of the Public Security Directorate and demonstrate an effective and cost-efficient way of treating and reusing wastewater at a building level in a semi-urban area</u></a>	August 2013 (starts)	Jordan
SWIM-IMPROWARE	<a href="#"><u>Stakeholders' analysis in Egypt and Tunisia and organisation of two focus groups with the identified stakeholders</u></a>	August-September 2013	Egypt, Tunisia
SWIM-IMPROWARE	<a href="#"><u>Preparation of a plan detailing additional potential activities (according to future decisions of the Egyptian Security) for the hydrogeological characterization of aquifers in Wadi El-Natrun area using geophysical methods</u></a>	August-September 2013	Egypt
SWIM-IMPROWARE	<a href="#"><u>Investigation of the Wadi El-Natrun area in terms of capability of the geophysical methods in mapping the groundwater system specifically in the areas where the information of the groundwater system is to be improved</u></a>	August-September 2013	Egypt
SWIM-IMPROWARE	<a href="#"><u>Sketch of the GIS structure for the Wadi El-Natrun area</u></a>	August-September 2013	Egypt
SWIM-IMPROWARE	<a href="#"><u>Finalisation of the GIS for the Korba site (Tunisia) and its upload on the project's website;</u></a>	August-September 2013	Tunisia
SWIM-IMPROWARE	<a href="#"><u>Site characterization strategy for the Nubaryia Wadi El-Natrun area (Egypt) that will take into account technical aims and economical project constraints;</u></a>	August-September 2013	Egypt

SWIM-IMPROWARE	<a href="#">Missions and meetings with relevant stakeholders in Tunisia and Egypt (as far as the general conditions of the countries will allow them) with the aim to finalise the tender processes for the upgrade of the Korba (Tunisia) wastewater treatment plant and the Nubariya (Egypt) wastewater treatment plant and constructed wetland;</a>	August-September 2013	Egypt, Tunisia
SWIM-ACLIMAS	<a href="#">Video about Canola cultivation in Morocco</a>		Morocco
SWIM-ACLIMAS	<a href="#">Video about the training on 'Climate Smart Agriculture'</a>		Lebanon
SWIM-ACLIMAS	<a href="#">Interview with farmers after the first year of implementation of ACLIMAS best management practices in Settat area (Morocco)</a>		Morocco
SWIM-IMPROWARE	<a href="#">Technical mission in Egypt and Tunisia to agree with the local Partners the strategies necessary for the acquisition of any needed further information/data</a>	July 2013	Egypt, Tunisia
SWIM-IMPROWARE	<a href="#">Capacity building activities for the local Development Authority Officers of Nubariya (Egypt) and for relevant Authorities in Korba (Tunisia) in interviewing local stakeholders to understand their needs and expectations regarding the pilot activities and reporting interview results</a>	June/July 2013	Egypt, Tunisia
SWIM-IMPROWARE	<a href="#">Processing of data related to the hydrologic/hydrogeologic system description in the two study sites (Nubariya Wadi Al-Natron, Egypt and Korba, Tunisia) and set up of a GIS archive</a>	June 2013	Egypt, Tunisia
SWIM-IMPROWARE	<a href="#">Design of the upgrading project for Nubariya Water Treatment Plant</a>	June 2013	Egypt
SWIM – Sustain Water MED	<a href="#">Selection of a qualified company to design and construct a wastewater treatment plant based on the sequencing batch reactor (SBR) technology that is going to serve the Public Security Directorate (PSD) campus in the Mugablane area (near the City of Amman, Jordan) with 150 m3 treated wastewater to be reused for irrigation purposes</a>	June 2013	Jordan
SWIM-ACLIMAS	<a href="#">Field Day on the first year results of ACLIMAS demonstration activities</a>	18 June 2013	Lebanon
SWIM – Sustain Water MED	<a href="#">Organisation of a Jordanian Stakeholder Consultation Workshop</a>	12 June 2013	Jordan
SWIM – Sustain Water MED	<a href="#">Organisation of the Jordanian National Steering Committee meeting of the project</a>	13 June 2013	Jordan
SWIM – Sustain Water MED	<a href="#">Organisation of the 1st Regional Training Course on Eco-Sanitation</a>	24 - 28 June 2013	Egypt, Jordan, Morocco, Tunisia
SWIM-ACLIMAS	<a href="#">Training Course on Conservation Agriculture</a>	15-17 May 2013	Jordan
SWIM – WADIS-	<a href="#">A Public Participatory GIS (PPGIS) workshop in Medenine involving beneficiary farmers</a>	13 June 2013	Tunisie

MAR	<a href="#">of the identified micro-catchments and other stakeholders (representatives of local authorities, researchers, professionals, representative of civil society, NGO)</a>		
SWIM – WADIS-MAR	<a href="#">Preparation of a questionnaire to be compiled by farmers in Algeria and Tunisia within the Public Participatory GIS (PPGIS) and agronomic activities to identify socioeconomic characteristics, farming practices and farmers' perceived environmental and climate change impacts.</a>		Algeria, Tunisia
SWIM – WADIS-MAR	<a href="#">Preparation of a tentative hydrogeological and agricultural intervention plan. 3 micro-catchments of Oum Zessour watershed have been defined for intervention: Chaabet El Anaz site (up-stream area), Loudayette site (mid-stream area), Oued Moussa site (Down-stream area)</a>		Tunisia
SWIM – WADIS-MAR	<a href="#">Field visits to: 1) make short interviews and briefings with selected local beneficiaries (farmers); 2) collect salinized soils samples for hyperspectral remote sensing analysis</a>		Tunisia
SWIM – WADIS-MAR	<a href="#">Technical meetings and field visits in Biskra to perform a water sampling campaign; make new hydrogeological surveys and a video of possible identified intervention sites; define an agronomic intervention plan in synergy with the local agricultural extension agency ITDAS.</a>	10-17 May 2013	Algeria
SWIM-ACLIMAS	<a href="#">Presentation of the performance of introduced varieties and management practices to farmers, extension agents, researches and decision makers</a>	14 May 2013	Jordan
SWIM – Sustain Water MED	<a href="#">Organisation of the 2nd Regional Meeting of the Project</a>	13 - 14 May 2013	Egypt, Jordan, Morocco, Tunisia
SWIM – Sustain Water MED	<a href="#">Organisation of a Workshop on Experience and challenges of wastewater treatment and reuse in Jordan and Tunisia</a>	9 May 2013	Jordan and Tunisia
SWIM – WADIS-MAR	<a href="#">Technical meetings and field visits in Medenine with relevant stakeholders to discuss about aquifer artificial recharge solutions, agronomic, Public Participatory GIS (PPGIS) activities and tender procedures</a>	5-10 May 2013	Tunisia
SWIM - ACLIMAS	<a href="#">Training Course on Crop growth modeling under water limited conditions using Aquacrop model in Tunis, Tunisia</a>	24-27 April 2013	Tunisia
SWIM - ACLIMAS	<a href="#">Training Course on Wheat under full-package practices - comparing full-package with conventional practices</a>	23 April 2013	Jordan
SWIM – WADIS-MAR	<a href="#">Three days training on Database and Groundwater Modeling during which participants of Institut des Région Arides - Tunisie (IRA) and Agence nationale des Ressources Hydrauliques – Algerie (ANRH) shared experience with the Système Aquifère du Sahara Septentrional project (SASS) and SASS consultation Mechanism</a>	22-26 April 2013	Algeria, Tunisia

SWIM - ACLIMAS	<a href="#">Training Course on the Use of modern technologies (GIS) for spatial elaboration and analysis of agro-ecological and sustainable management of Mediterranean agricultural systems</a>	16-18 April 2013	Tunisia
SWIM - ACLIMAS	<a href="#">Training Course on Conservation agriculture as an active measure to cope with climate change</a>	1-3 April 2013	Jordan
SWIM - ACLIMAS	<a href="#">Training course on Principles and concepts of Conservation Agriculture</a>	26-28 February 2013	Morocco
SWIM - ACLIMAS	<a href="#">Training course on Canopy Sensors</a>	25-27 February 2013	Jordan
SWIM - ACLIMAS	<a href="#">ACLIMAS Protocol for Wheat Phenology Measurements to be used in demonstration/implementation/training activities.</a>		
SWIM - ACLIMAS	<a href="#">ACLIMAS Farmers sheet for monitoring of on-ground implementation</a>		
SWIM - ACLIMAS	<a href="#">ACLIMAS EXCEL-IRR software for the estimation of reference evapotranspiration (with 5 different methods), simulation of soil water balance, irrigation scheduling, estimate of yield (with single and multi Ky approach), water productivity, irrigation costs, product added value, etc.</a>		
SWIM – All Across the Jordan	<a href="#">Drafting of the Inception Report related to the FOEME's Master Plan for the Jordan River</a>	January - February 2013	Jordan, Israel, Palestine