



# WRIC News Letter

# April 2007

## 1. Joint Coordinating Committee was held on April 25<sup>th</sup>

Joint Coordinating Committee (JCC) of WRIC project was held at MOI HQ on April 25<sup>th</sup>. At this committee, main subjects and outline of discussion were as follows.

### 1) Draft of Final Report of WRIC project

The final report is mandatory for all JICA technical cooperation projects, which should include at least such items as list of products of a project, planned and actual schedule of activities according to Plan of Operation, input of Japanese and recipient side, measures taken to overcome difficulties in the implementation of a project, recommendation and lesson learnt, revision of PDM and records of JCC. This report is the most comprehensive report of the achievement of a project during whole project period.

At this JCC, Mr. Mori, Chief Advisor of WRIC project, presented the draft of the final report and explained especially about recommendations and suggestions for the sustainable development of WRIC after the completion of the JICA project in June 2007. As for the sustainable development of WRIC, the following matters should be considered and implemented from now on.

**Annual Activities and Outputs of WRIC**

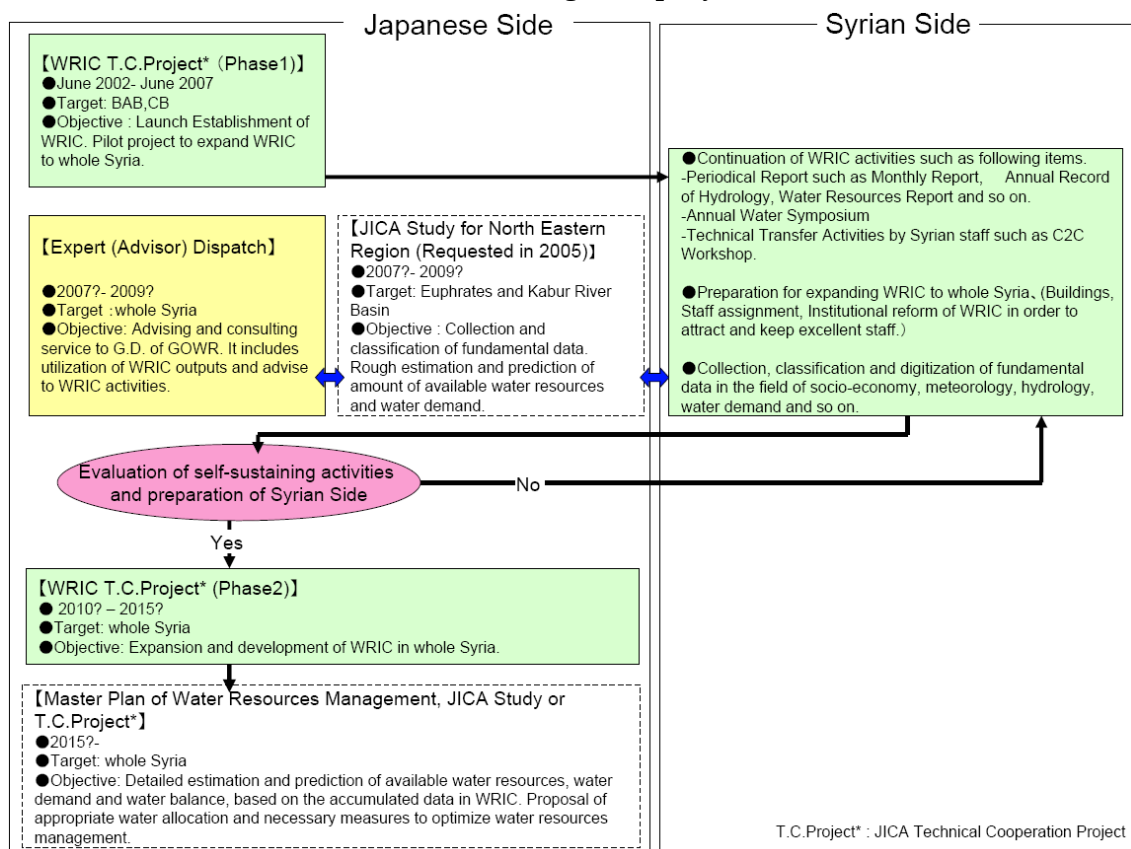
Items	Activities	Major Outputs	Person in Charge	Month														
				10	11	12	1	2	3	4	5	6	7	8	9			
Overall Management	Weekly Meeting in each WRIC Center	Weekly Schedule of all WRIC staff	Dir. Of WRIC centers	Every Week (Sunday)														
	Management Committee	Agenda and Minutes of Discussion	Dir. Of WRIC MC	Every Other Week (Thursday)														
		Schedule of Dir. And Man. Of WRIC	Dir. Of WRIC MC	Every Other Week (Thursday)														
	Joint Coordinate Committee	Agenda and Minutes of Discussion	Dir. Of WRIC MC	*														
	Steering Committee	Agenda and Minutes of Discussion	Dir. Of WRIC MC	*														
	Plan of Operation (PO)	Annual PO for next year	Dir. Of WRIC MC															*
	Project Monitoring Sheet	Monthly Monitoring Sheet	Dir. Of WRIC MC	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Personnel Management	Staff List	Dir. Of WRIC MC	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Monitoring of Progress of PO	Progress Chart	Dir. Of WRIC MC					*										*
Monitoring of achievement of outputs	Achievement of Outputs	Dir. Of WRIC MC					*										*	
Hydrological Observation	Plan of Observation Activities	Plan of Observation Activities for next year	Dir. Of WRIC local Centers														*	
	Data Flow Monitoring	Data Flow Check Sheet	Section Man. Of C&C in MC	At any time when data are transferred.														
		Check Sheet for Uploaded Data	Section Man. Of C&C in MC	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Revision of Register Book of Observatories	Register Book of Observatories	Section Man. Of C&C in MC															*	
DB/GIS	DB administrators meeting	Agenda and Minutes of Discussion	Section Man. Of AS in MC	Every Other Week (Thursday)														
	GIS Theme Maps	GIS Theme Maps Book for last hydrological year	Section Man. Of AS in MC				*											
Periodical Report	Monthly Report of Observation Data	Monthly Report of Observation Data	Section Man. Of C&C in local centers	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	WRIC News Letter	WRIC News Letter	Dir. Of WRIC MC	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Annual Record of Hydrology	Annual Record of Hydrology for last hydrological year	Section Man. Of C&C in MC															*
	Water Resources Report	Water Resources Report for last hydrological year	Dir. Of WRIC MC							*								
Training	Annual Plan of C2C Workshop	Annual Plan of C2C Workshop for next year	Dir. Of WRIC MC															*
	Implementation of C2C Workshop	Workshop Record	Dir. Of WRIC MC	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
		Attendance List	Dir. Of WRIC MC	Every time when C2C Workshop was conducted														
		Evaluation Sheet	Dir. Of WRIC MC	Every time when C2C Workshop was conducted														
Public Relations	Revision of WRIC Web Site	Updated WRIC Web Site	Section Man. Of TS in MC	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Annual Water Symposium	Annual Water Symposium	Dir. Of WRIC MC													*		

Note: \* means a deadline for each output





occasions such as JCC, water symposium, regular meetings and so on. Thanks to very intensive technical transfer of WRIC, all the necessary knowledge and skill has been obtained by Syrian CP, which enable WRIC activities to be continued and developed further more. However, especially in the process of expansion of WRIC in whole Syria, they may face many difficulties and obstacles in terms of technical matter, as well as in terms of institutional matter. Therefore, JICA should keep monitoring closely the performance of WRIC even after June 2007, in order to judge how much Syrian government has responsibility and ownership for the project and to find what Japanese technical cooperation can do more for the sustainable development of WRIC. If Syrian side makes considerable effort for the sustainable development of WRIC and Japanese side finds any points which should be assisted by Japanese technical cooperation, phase (2) project should be conducted in future, following this project.



## 2) Draft of Water Resources Report 2007 (3<sup>rd</sup> edition)

As for the WRR 2007, Dr. Bacher Fayad, director of WRIC, presented some of the important materials of the report. In this report, especially, water balance of Barada-Awaj basin and Coastal basin which was simulated with Synthetic Storage Model (SSM) last year is the most important and remarkable issue. Due to some delay of the preparation work of the report, the whole draft of WRR was not distributed to the JCC members, however, outline of WRR was agreed in general. The report is to be prepared by the



end of this project period.

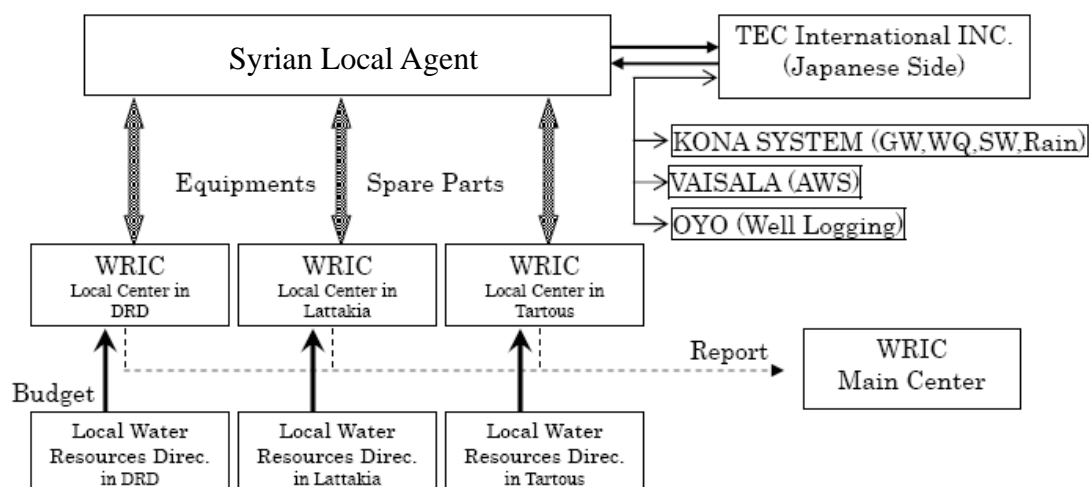
### 3) Management of the automatic observation equipment

In March 2005, Japanese government granted total 248 sites of automatic observation stations in Barada-Awaj basin and Coastal basin. Until now, the equipment in 12 sites of automatic stations has already been damaged or out-of-ordered, and should be repaired immediately. Due to lack of the specific handling route of such Japan-made observation equipment in Syria, however, all these broken equipment has not been repaired or replaced at all so far. Therefore, Japanese experts and Japanese observation equipment manufactures proposed the handling route of automatic observation equipment, which was presented by Mr. Suzuki, Hydrologist in this JCC.

In the presentation and discussion about this matter, as for the responsibility of replacement and spare-parts procurement of observation equipment, the important consensus was established among JCC members as follows.

Responsibility for repair and spare-parts procurement of the equipment was determined as follows.

- ✓ Handling of the equipment: WRIC Local Center
- ✓ Coordination with local agent: WRIC Local Center
- ✓ Contract with local agent: Local Water Resources Directorate (WRD)
- ✓ Budget allocation and disbursement: Local Water Resources Directorate (WRD)
- ✓ Following up of the progress of establishment of authorized local agent: Director of Contracts & Supplementary of GCWR (Mr. Moawia Abdullah) and Director of WRIC (Dr. Bachar)



### 4) Training course in Egypt

Training course for groundwater modeling was conducted at Hydraulic



Research Institute (HRI) in Egypt in Feb.2007 and total (5) of Syrian CP participated in the course, which was very successfully concluded in terms of capacity development of hydrological analysis of WRIC.

Mr. Ali Assad, one of the (5) trainees, made a presentation about the achievement of the course, especially focusing on his case study of groundwater movement with MODFLOW simulation model in Coastal basin. Following his presentation, open discussion was done about the effect and efficiency of such training courses in neighboring countries and how to continue such activities in future. The training courses in neighboring countries are supposed to be much cheaper and more convenient than that in Japan. Therefore, it was agreed that GCWR consider the continuation of such activities with their own budget.

## 2. Syrian-Japanese Water Symposium will be held on May 21<sup>st</sup>&22<sup>nd</sup>

WRIC holds the fifth Syrian-Japanese Water Symposium at conference hall of Ministry of Irrigation in Damascus, on May 21<sup>st</sup> and 22<sup>nd</sup>. The symposium has been held annually in the past four years, in order to enhance the sharing of information, knowledge and experience in the water resources management in Syria and neighboring countries. The program of the symposium is shown below, and all the people who are interested in the water resources management or working in the water sector in this region are welcome to join it. Your participation and contribution will be appreciated, and no registration is needed in advance.

### [Program of Water Symposium]

**Date:** May 21<sup>st</sup> (Mon.) and 22<sup>nd</sup> (Tue.) 2007

**Venue:** Conference Hall of Ministry of Electricity, Damascus

**Program and contents:**

### [First day (May 21<sup>st</sup>)]

Time	Title of presentation	Name	Position
8:30-9:00	Registration @ Conference Hall of Ministry of Electricity		
Opening			
9:00-9:05	Opening address	Eng. Husein Makhlof	Director General of GCWR, MOI
9:05-9:10	Opening address	Ms. Akiko Tomita	Resident Representative of JICA Syria Office



Time	Title of presentation	Name	Position
<b>Activities of WRIC</b>			
9:10-9:25	Outline of WRIC project	Mr. Noriyuki MORI	JICA expert / Chief Advisor of WRIC
9:25-9:40	3 <sup>rd</sup> edition of Water Resources Report	Dr. Bachar Fayad	Director of WRIC
9:40-9:55	Sustainable development of the established WRIC centers	Eng. Kassem Natouf	Director of WRIC DRD Center
9:55-10:10	Expansion of WRIC centers in whole Syria	Eng. Ali Assad	Director of WRIC Tartus Center
10:10-10:25	Meteorological and hydrological observation in WRIC (focusing on snow survey activities)	Eng. Ali Estantoli	WRIC Lattakia Center
10:25-10:40	Database establishment and management in WRIC	Eng. Kamal Shahada	WRIC Main Center
10:40-10:55	Technical support activities in the field of IT, networks	Eng. Yahia Tujjar	TS Section Manager, WRIC Main Center
10:55-11:10	Discussion		
11:10-11:25	Coffee Break		
<b>Activities in Water Sector in Syria and the neighboring countries</b>			
11:25-11:40	Water resources management in Jordan	Jordanian C/P	MOWR, Jordan
11:40-11:55	DEITEX project	Japanese exp. or Syrian C/P	MOAA
11:55-12:10	Environmental monitoring project	Japanese exp. or Syrian C/P	MOLAE
12:10-12:25	JICA study for sewerage master plan	Japanese exp. or Syrian C/P	MOHC
12:25-12:40	JICA study for urban planning in the greater Damascus region	Japanese exp. or Syrian C/P	MOHC
12:40-12:55	Dutch cooperation project in Syria and Orontes basin	Dutch exp. or Syrian C/P	MOI
12:55-13:10	German cooperation project in Syria and Aleppo basin	Dr. Gerhard Rappold	BGR Expert/ Project Coordinator for MOI
13:10-13:25	Activities in DAWSSA (development of new water resources sources for Damascus city, rehabilitation of water transmission tunnel, monitoring of water leakage and so on)		DAWSSA
13:25-13:40	Water resources information system and groundwater modeling in ACSAD		ACSAD
13:40-14:00	Discussion		

**[Second day (May 22<sup>nd</sup>)]**

The two workshops will be held in parallel on the second day, in which all the related people such as Syrian C/P and organizations, foreign experts and donors, researchers etc will have a chance to exchange their ideas and experiences about water resources management in this region.

The workshop will focus mainly on the information sharing about current situation and achievement, as well as problems and solutions analysis in each subject for discussion.

Time	Contents
8:30-9:00	Reception @ conference hall of Ministry of Electricity
9:00-9:10	Briefing of the workshops
9:10-11:10	[Management of water resources information] Chairperson: Eng. Mazen Maaman (Deputy Director of WRIC Lattakia Center) Co-Chairperson: Mr. Atsushi Suzuki (JICA expert / Hydrologist) Mr. Izumi Kato (JICA expert / Total system eng.) Topics: ➤ Hydrological and meteorological observation ➤ Quality control of observation data ➤ Database management ➤ Dataflow in WRIC, GCWR and other related organizations etc.
9:10-11:10	[Hydrological analysis and policy making] Chairperson: Dr. Latef Sayegh (Directorate of IWRM, GCWR) Co-Chairperson: Mr. Noriyuki MORI (JICA expert / Chief Advisor) Mr. Kazuhisa Ota (JICA expert / Hydrological analysis) Topics: ➤ Water balance analysis ➤ Major water problems in Syria ➤ Utilization of hydrological analysis for policy making ➤ Legislation and law for water management etc.
11:10-12:00	Coffee Break and preparation of presentation
12:00-13:00	Presentations and discussion of the four workshops [*Each workshop] 15 min of presentation 15 min of discussion
13:00-13:10	Conclusion and Closing address

(End)

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