



Sustainable Water Integrated Management - Support Mechanism (SWIM- SM)

Project funded by the European Union



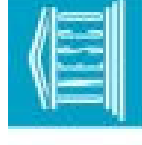
UNESCO-IHE
Institute for Water Education

**TRAINING WORKSHOP AND STUDY TOUR FOR DEVELOPING THE CAPACITY OF
PROSECUTORS AND INVESTIGATORS FOR THE ENFORCEMENT OF WATER &
ENVIRONMENT LEGISLATIONS**

3-18 June 2013/ Draft version of the programme

Day	Time	Activity	Location	Facilitator	Other participants
Day 0 - Sunday 02.06.2013	TRAVEL TIMES	Arrival at Amsterdam airport Schiphol - Netherlands; transfer to Delft by bus	Amsterdam > Delft	Hendrike Clouting	

WORKSHOP at UNESCO-IHE, Delft					
Day 1 - Monday 03.06.2013	9:00-9:15	Welcome and Introduction to UNESCO-IHE	Room A2, UNESCO-IHE, Delft	Pieter van der Zaag	Maarten Hofstra; Zaki Shubber
	9:15-9:30	Introduction to SWIM-SM Project and Overview on the program. Logistic arrangements Arrange reporting teams for visits 1-8		Hosny Khordagui/ Mirella Batzania; Hendrike Clouting	Hendrike Clouting; Stefano Burchi
	9:30-9:45	Objectives and expected outputs from the study tour in the three countries The Netherlands, Spain and France.		Hosny Khordagui	
	Module 1: Presentations on the legal and institutional framework for water management in Europe			Chairperson: Zaki Shubber	Hendrike Clouting
	9:45-10:30	<i>Rule of law as a necessity for Integrated Water Resources Management (IWRM).</i> <u>Discussion</u>		Hosny Khordagui	



~ Coffee/tea break 10:30 - 11:00 ~	
11:00-11:45	<p>Scope and contents of legislation for the sustainable management of water resources and of the freshwater environment, including licensing and permitting, within the IWRM context.</p> <p><u>Discussion</u></p>
11:45-12:30	<p>Types and levels of inspection and authority that should be given to inspectors by the water and environmental regulating authorities. (UNESCO-IHE)</p> <p><u>Discussion</u></p>
~ Lunch break 12:30 - 14:00 ~	
<p>Module 2: Presentations on the compliance and enforcement in France and The Netherlands</p>	
14:00-14:45	<p>Legal machinery for the enforcement of water resources legislation</p> <p><u>Discussion</u></p>
14:45-15:30	<p>Institutional arrangements for the administration, monitoring and enforcement of water resources legislation</p> <p><u>Discussion</u></p>
~ Coffee/tea break 15:30 - 16:00 ~	

Stefano Burchi

Room A2,
UNESCO-IHE,
Delft

Maarten Hofstra

Chairperson: Zaki Shubber

Room A2,
UNESCO-IHE,
Delft

Stefano Burchi

Stefano Burchi



	16:00 – 16:45	<p><i>Technical and administrative capacities needed for inspection, monitoring, measuring, recording and reporting for indicating non compliance and enforcement of water and environment legislations.</i></p> <p><u>Discussion</u></p>	Room A2, UNESCO-IHE, Delft	Maarten Hofstra
<p>Day 2 - Tuesday 04.06.2013</p>	<p>Module 3: Presentations on capacity and methods for compliance and enforcement in water management</p> <p>9:00-9:45</p> <p>9:45-10:30</p>	<p><i>Qualifications, training, experience and competence of inspectors, field and testing laboratory operators and prosecutors to ensure compliance and enforcement of water & environment legislations.</i></p> <p><u>Discussion</u></p> <p><i>Universally recognized and accredited methods of sampling, monitoring, measuring and reporting including the necessary precision, accuracy, reproducibility, sensitivity, and detection limit of the analytical monitoring and measuring methods.</i></p> <p><u>Discussion</u></p>	Room A2, UNESCO-IHE, Delft	<p>Chairperson: Maarten Hofstra</p> <p>Zaki Shubber</p> <p>Hosny Khordagui</p>
		~ Coffee/tea break 10:30 - 11:00 ~		
	11:00-12:00	<p><i>Reliability and credibility of evidence of non compliance including routine inter and intra-calibration, maintenance and operation of monitoring systems, sampling gears and measuring instruments.</i></p> <p><u>Discussion</u></p>	Room A2, UNESCO-IHE, Delft	Hosny Khordagui
		~ Lunch break 12:00 - 14:00 ~		



	14:00 – 15:00	<p><i>Minimum acceptable Quality Assurance (QA) and Quality Control (QC) programs including blind samples, blanks, replicates, spikes in water and environment monitoring and inspection systems.</i></p> <p><u>Discussion</u></p>	Room A2, UNESCO-IHE, Delft	Hosny Khordagui
~ Reception 16:00 - 17:00 ~				
Day 3 - Wednesday 05.06.2013	<p>Module 4: Presentations on reporting and monitoring</p>			
	9:00-9:45	<p><i>Proper documentation of all aspects related to methods of monitoring, inspection, sampling, analyses and reporting.</i></p> <p><u>Discussion</u></p>	Room B1, UNESCO-IHE, Delft	<p>Chairperson: Hendrike Clouting Maarten Hofstra</p> <p>Zaki Shubber</p>
	9:45-10:30	<p>Group discussion on effective collaboration in monitoring</p>		
	~ Coffee break 10:30 - 11:00 ~			
	11:00-11:45	<p><i>Area monitoring, citizen complaints and community involvement for better compliance with water and environment legislations.</i></p> <p><u>Discussion</u></p>	Room B1, UNESCO-IHE, Delft	Hosny Khordagui
~ Lunch break 12:00 - 14:00 ~				
	14:00-14:30	<p>Overall knowledge and lessons learnt</p>	Room B1, UNESCO-IHE, Delft	Hendrike Clouting and Hosny Khordagui
	14:30-15:30	<p>Group brain storming and discussion: what could be applied at home? Coordinated role of water officials, the environment inspectors and monitors and how they will complement the role of the</p>		Hosny Khordagui and Stefano Burchi



	prosecutors in enforcing water and environment legislation's.		
~ Coffee/tea break 15:30 - 16:00 ~			
16:00-17:00	Feedback and evaluation by participants Certificates and closing of the workshop	Room B1, UNESCO-IHE, Delft	Hendrike Clouting
STUDY TOUR in The Netherlands			
Day 4 - Thursday 06.06.2013 (Visit 1)	Travel from Delft to Lelystad	Delft > Lelystad	
8:30-10:15	Visit of the Ministry of Infrastructure and the Environment of the Netherlands (Rijkswaterstaat Lelystad) (http://www.rijkswaterstaat.nl/en/) Welcome and coffee	Smedinghuis Lelystad, Zuidervagenple in 2	Mr. Ruud Staverman, Mr. Onno Epema (Rijkswaterstaat)
10:30-10:40	Word of welcome and short introduction of the Rijkswaterstaat Centre for Water Management (WMCN)		Mr. Ruud Staverman
10:40-11:10	Presentation on emission control <u>Discussion</u>		Mr. Rob Berbee
11:10-11:40	Presentation on Water Quality Monitoring in The Netherlands <u>Discussion</u>		N.N.
11:40-12:00	From sample to result: Introduction of the laboratories		Mr Onno Epema

~ Lunch break 12:00 - 13:00 ~



13:00-14:30 Tour of the (chemistry and hydrobiology) laboratories
 14:30 Tour of the WMCN
 In 2 groups: Mr Onno Epema
 switch at 13.45 Mr Ruud Staverman

14:30-14:45	Closing words	Mr. Ruud Staverman	
15:00-15:15	Travel to Polder museum		
15:15-16:15	Visit of the Polder museum.	Lelystad Oostvaardersdijk k 113	
15:00-16:00	Travel back to Delft	Lelystad > Delft	

Day 5 - Friday 07.06.2013 (Visit 2)	8:30-9:30	Travel from Delft to Dordrecht	Delft > Dordrecht		
	10:00-10:20	Visit of water board Dutch Delta and a pumping station (http://www.wshd.nl/)	Dordrecht, Nederwaard 1	Mr. Wim van Rietschoten	
	Welcome and presentation on Water board <u>Discussion</u>				
	~ Coffee and tea ~				
	10:20-10:40	Presentation on water quality and monitoring			Mr. Harold de Ruiter
		<u>Discussion</u>			
	10:40-11:00	Presentation on permission			Mrs. Janine Veenstra
		<u>Discussion</u>			
	11:00-11:20	Presentation on enforcement			Mr. Robert Vink and Mr. Eric Kuindersma
		<u>Discussion</u>			
	11:30-12:00	Visit of museum Kinderdijk			



~ Lunch break 12:00 - 13:00 ~	
13:00-15:00	Visit of museum Kinderdijk

STUDY TOUR in Spain			
Day 6 - Saturday 08.06.2013	19:10 22:00	Travel from Amsterdam to Sevilla Leave from the Hotel in Delft at 14:00 Arrival in Sevilla, transfer to hotel	Amsterdam > Sevilla
Day 7 - Sunday 09.06.2013 ~ Free day ~			

Day 8 - Monday 10.06.2013 (Visit 3, 4 + 5)	8:45-10:30 11:30-13:30	<p>Visit to Andalusian General Water Secretary Introduction on competences and organization and presentation of Andalusian Water Council</p> <p>Visit of SAIH (Automated Hydrological Information System + ALERT and monitoring system) <u>Discussion</u></p> <p>End and walk to University of Sevilla (10') + coffee break Visit to New Water Culture Foundation discussion with legal expert on legal framework, control and enforcement by prof. Abel LaCalle and prof. Leandro del Moral</p>	Sevilla	Guide from UNESCO-IHE: Nora Cauwenbergh
~ Lunch break 13:30 - 16:00 ~				



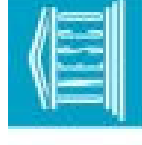
16:00-19:00	Visit to Guadalquivir River Basin Organization (CHG): field visit and/or roundtable (TBC), focus on industrial pollution Welcome by the president of the CHG Presentation on structure and functioning of RBO and Water Commission as controlling body Roundtable with participation of representatives of irrigators, (FERAGUA), electricity company (ENDESA) and water supply and sanitation (ASA)	Sevilla	
19:00-21:00	Travel from Sevilla to Cordoba (1h30), arrival at hotel	Sevilla > Cordoba	

Day 9 - Tuesday 11.06.2013 (Visit 6)	8:45-10:30	Optional - Morning visit of the Mezquita	Cordoba	Guide from UNESCO-IHE: Nora Cauwenbergh
	9:45-12:45	Travel from Cordoba to Daimiel village	Cordoba > Daimiel	
	13:00	Visit to Daimiel (River Guadiana) with representatives of irrigation association and Water Observatory from the Botin Foundation (focus on overabstraction) Presentation of the case on overexploitation of the groundwater table and several intents of control and enforcement + final negotiation with end users to enforce new pumping regulations	Daimiel	Mr Manuel Bea
	13:00 - 13:45	Introduction to the field visit in the museum.		
	13:45 - 14:00	Travel from museum to restaurant		
	~ Lunch break at the Meson de la duquesa with representatives of the Guadiana river basin organization 14:00 - 15:30 ~			
	15:30 - 17:00	Tour around the area: National Park - farming: consequences of groundwater overexploitation and illegal water use		



	17:00 - 17:45	Presentation on GIS / remote sensing and control of abstractions		
	17:45 - 18:30	Interview with irrigation association / government representative + debate (present the tailor-made application for the CDR during the debate, short presentation, leave enough room for Q&A)		
	18:30- 20:30	Travel from Daimiel to Madrid by bus, arrival at hotel	Madrid	

Day 10 - Wednesday 12.06.2013 (Visit 7 + 8)	8:45-12:30	Visit National Water Authority (Ministry of Agriculture, Food and the Environment) Program tbd	Madrid	Guide from UNESCO-IHE: Nora Cauwenbergh
~ Lunch break 12:30 - 14:00 ~				
	16:00- 18:30	Visit of municipal water supply company – presentation of monitoring and control system + sensibilization programs and community involvement Welcome at Central Office of Canal de Isabel II, Urban Water Supply Company Projection institutional video Presentation on organization and drought management by Paco Cubillo (Vice Director) Discussion round, assisted by P. Cubillo Maria Casado (Ministry of Environment) and Alberto Fernandez Lop (WWF and member of National Water Commission)	Madrid	



STUDY TOUR in France					
Day	Time	Activity	Location	Facilitator	Other participants
Day 11 - Thursday 13.06.2013	18:30 20:35	Travel from Madrid to Paris Arrival at Paris airport; transfer to hotel by bus	Madrid > Paris		
Day 12 - Friday 14.06.2013 (Visit 9)	8:45-17:00	Brief presentation of the French water legislation, full reviewing of the administrative means of controls and penalties over water users and their enforcement (French Ministry of Ecology, Sustainable Development and Energy).	Paris/ Hotel Novotel Paris Est	Stefano Burchi (coordinator with French authorities)	
Day 13 - Saturday 15.06.2013 ~ Free Day ~					
Day 14 - Sunday 16.06.2013 ~ Free Day ~					
Day 15 - Monday 17.06.2013 (Visit 10)	8:45-12:00	Brief presentation of the French judicial system (in particular in relation with the preservation of water), full reviewing of the judicial ways and means of control and penalties and their enforcement in case of infringement or offence (National Office for Water and Aquatic Ecosystems).	Paris/Hotel Novotel Paris Est	Stefano Burchi (coordinator with French authorities)	
	12:30 16: 20	Lunch in Hotel in Paris Travel to Marseille			
Day 16 - Tuesday 18.06.2013 (Visit 11)	8:45-17:00	Local and practical experiences in the same fields in coordination with the public prosecutor, followed by a coastal sea control operation.	Marseille/Hotel Mercure Marseille Vieux-Port	Stefano Burchi (coordinator with French authorities)	



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Day 17 -	<i>TRAVEL</i>	Departure from Marseille
Wednesday	<i>TIMES</i>	
19.06.2013		