

First Regional Consultation Workshop

In the framework of the Project

"Making Water Cooperation Happen in the Mediterranean at the level of the Aquifer System of the North Western Sahara Aquifer System – NWSAS"

Assessing the Water-Food-Energy-Ecosystems Nexus in the North-Western Sahara Aquifer

18-19 July 2017
Sofitel Hotel, Algiers, Algeria

Programme

DAY 1 • Tuesday, 18 July 2017

08.30 – 9.00

Registration of participants

OPENING SESSION

9.00 – 09.30

Official Opening

Representative of the Ministry of Water Resources of Algeria

Introductory Remarks

Mr. Rachid Taibi, Consultation Mechanism of the North-West Sahara Aquifer System (CM-NWSAS)

INTRODUCTION

09.30 – 10.00

Introduction to the workshop: objectives and expectations, background and inputs,
Mr. Dimitris Faloutsos, Global Water Partnership Mediterranean (GWP-Med)

PART I – THE NEXUS ASSESSEMENT

Chair : Mr. Tahar Aichaoui, Ministry of Water Resources - Algeria

Facilitator : Ms. Annukka Lipponen, UNECE

10.00 – 10.30

SESSION 1. Setting the stage Part A: Nexus Assessment in the NWSAS

Presentation on the methodology for the water-food-energy-ecosystems nexus assessment in the NWSAS: *Ms. Annukka Lipponen, UNECE.*

10.30 – 11.45

SESSION 2. Setting the stage Part B: The sub-regional context and some relevant trends

Presentations on:

- Agricultural production and trade as well as its outlook: *Mr. Ryan Zuniga, FAO*
- Overview of energy sector development in the content of the Sustainable Development Goals: *Ms. Inass Abou Khodier (TBC), Regional Center for Renewable Energy and Energy Efficiency (RCREEE)*
- Nexus in the region : insights from an economic perspective, *Mr. Mohamed Salah Mattoussi, Economist Expert*

Questions and answers

11.45 – 12.00

Coffee break

12.00 – 13.00

Chair : Ms. Hlima Mammou, Ministry of Agriculture, Hydraulic Resources and Fishery, Tunisia

Facilitator : Ms. Annukka Lipponen, UNECE

SESSION 3. Exploring the nexus components and their interlinkages in the NWSAS:

Presentations on:

- The NWSAS : current situation of water resources and governance mechanisms, *Mr. Rachid Taibi Consultation Mechanism of the North-West Sahara Aquifer System*
- Climate change predictions for the region including the NWSAS: *Ms. Sarra Touzi, Senior Programmes Officers, GWP-Med*
- An overview of the preliminary identification of intersectoral issues from the desk study: *Mr. Youssef Almulla, Royal Institute of Technology (KTH)*

Discussion in plenary:

- What are the needs and expectations of the authorities and stakeholders regarding the nexus assessment in the NWSAS?
- What might be relevant policy questions that the assessment could help to answer?

13.00 – 14.00

Lunch

14.00 – 15.30

SESSION 3. Continued – Working Groups

Discussion in groups:

- Are the identified interlinkages correct and relevant for the NWSAS? Are there other significant ones that should be considered?
- Please detail: What kind of effects are there across sectors? (One sector requiring inputs from another, or having impacts – positive or negative)
- Where in the basin do they occur?

15.30 – 16.00

Coffee Break

16.00 – 17.00

SESSION 3. Continued - Presentation of the group work and plenary discussion about the intersectoral issues and their relative importance

The nominated rapporteur for each of the groups will report back to the plenary about the findings, presenting the group's understanding of the intersectoral issues in the NWSAS and commenting on how the group sees their relative importance.

20.00

Joint dinner

DAY 2 • Wednesday, 19 July 2017

PART II – STAKEHOLDERS ANALYSIS

Chair : Representative of the General Water Authority, Libya

Facilitator : Mr. Dimitris Faloutsos, GWP-Med

09.00 – 09.45

SESSION 4. Linking Stakeholders and Management Issues

Working Groups to:

- Analyse the links between the management issues in the NWSAS and stakeholders in each of the countries
- Identify the key primary and key secondary stakeholders.

09.45 – 10.30

SESSION 5. Analysing Importance, Influence, Interest and Means

Plenary discussions on the:

- Level of importance, influence, interest of the stakeholders as well as the of awareness of their stake;
- Resources of important stakeholders i.e. financial resources, knowledge, human resources, political power/lobbying.

10.30 – 11.15

SESSION 6. National and regional development plans and sectoral goals in the NWSAS

Chair : Mr. Rachid Taibi, Consultation Mechanism of the NWSAS

- Interventions summarising the main strategic orientations, the key policies and sectoral goals.

-Overview interventions covering water management, energy sector, agriculture sector and environmental protection.

Discussion in plenary on:

- Do the sectoral plans envisage specific projects on the NWSAS (if needed, information in the presentations can be complemented by input from the desk study)?
- What are the possible effects of identified intersectoral issues identified jointly on implementing the development plans and achieving envisaged sectoral goals?

11.15 – 11.45

Coffee break

11.45 – 13.00

SESSION 7. Reconciling different uses: potential nexus solutions

Chair : Mr. Abdessalam Kallala, OSS

Facilitator : Ms. Sarra Touzi, GWP-Med

Discussion in plenary on the potential solutions to capitalize on the synergies and to alleviate the negative impacts in the nexus.

Presentation on the five types of nexus solutions (5 Is): Institutions, Information, Instruments, Infrastructure and International coordination and cooperation: *Ms. Annukka Lipponen, UNECE*

Interventions on examples of solutions:

- Institutional solutions (governance): Streamlining the management of land, improving irrigation and drainage in the Oued Righ valley (Wilaya of Ouargla, Algeria), *TBC, Algeria*
- Infrastructure solutions: Water efficient irrigation techniques and solar power use: *M. Djamel Latrech, OSS*
- Information: Groundwater monitoring and data sharing, *TBC, Ministry of Agriculture and Water Resources of Tunisia & National Water Resources Agency of Tunisia*
- Instruments: Economic instruments: Promoting investments into sustainable renewable energy: *Mr Boukhalfa Yaïci. Solar Energy Cluster*

Discussion on:

- What opportunities are there to reduce negative intersectoral impacts and enhance positive impacts (synergy)?
- Which nexus solutions identified require cooperation between the aquifer countries?

13.00-14.00

Lunch

PART III. SHARED VISION

14.00 – 15.30

SESSION 8 : Shared Vision for the management of the NWSAS

Chair : Ms. Sarra Touzi, GWP-Med

Facilitators : Mr. Dimitris Faloutsos & Mr. Rachid Taïbi

During this session, stakeholders will:

- Define the envisaged economic development and quality of life in the area of NWSAS;
- Discuss what would be the necessary conditions in terms of natural resources management to succeed and sustain the desired level of development and quality of life.

Discussion on:

- How would you envisage the state of the NWSAS to be in 20 years?
- What are the economic activities that would drive development in the NWSAS area and what would be the desired level of environmental quality?

- What would be the needs in terms of resources to sustain these economic activities and the envisaged quality of life?
- What should be the level of cooperation at transboundary level to secure the envisaged conditions?]

PART IV. NEXT STEPS AND CONCLUSIONS

15.30 –16.00

SESSION 9. Further steps of the nexus assessment in the NWSAS

The next steps in the assessment process are presented.

- Collection and sharing of information and data to substantiate the interlinkages with indicators etc.
- Analyses and quantification, including the trade-offs and possible solutions that these could focus on
- The process of preparing the draft assessment
- National workshops
- Review of the draft assessment by the national administrations and commenting
- Process of assessing the Water-Food-Energy-Ecosystems Nexus in the framework of the Water Convention

CONCLUSIONS OF THE WORKSHOP

M. Rachid Taibi, NWSAS Coordination Mechanisms

Mr. Dimitris Faloutsos, GWP-Med

Ms. Annukka Lipponen, UNECE

Mr. Abdessalam Kallala, OSS

Mr. Tahar Aichaoui, Ministry of Water Resources - Algeria

16.00

Closure of the workshop

16.15 – 17.45 :

RESTRICTED MEETING : Project Steering Committee Meeting

- *NWSAS Consultation Mechanism*
- *Direction des Etudes et des Aménagements Hydrauliques, Algérie*
- *Agence Nationale des Ressources Hydrauliques, Algérie*
- *General Water Authority, Libya*
- *Direction Générale des Ressources en Eau, Tunisie*
- *GWP-Med*
- *OSS*
- *UNECE*
- *KTH*