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## Innovations in Water Education Programs: Enhancing Water Security and Socio-economic Development in the Eastern Mediterranean under Climate Change / WaSec

**Coordinated by:**

**Palestine Technical University - Kadoorie**

**Tulkarm, Palestine**



**Kick-off Meeting**

**28 Febraury — 2 March, 2019 Dead Sea, Jordan**



### Rationale

Water is an essential resource for human life and civilizations. Problems associated with “Water” are particularly severe in semi-arid and arid regions. In these regions, climate change is expected to negatively affect even more the quantity and quality of water resources. As a result, these regions need to have professionals that know how to conserve and eliminate the waste of water while considering potential climate change impacts. To further enhance water resources management plans, new innovative tools and methods need to be used. Accordingly, an improved understanding of water resources management plans need to be addressed in comprehensive and modern courses.

### Scope of Work

The overall purpose of WaSec project is to develop courses for countries in the Middle East region through the involvement of many different countries, that leads finally to the internalization of the MSc program. The expected outcomes of such efforts are:

- ⇒ skilled Graduates with new technologies and methods that will incorporate them in water resources management plans and eventually make them adopted in the water relevant market,
- ⇒ graduates with high competences necessary skills about how to develop water resources management plants that satisfy water related sectors at its best,
- ⇒ new knowledge about the climate change forecasts and climate related modeling skills,
- ⇒ the presence of university-enterprise cooperation that should be long-term and benefit for both parties involved.

### Project Consortium

This project will meet the Region 3 South-Mediterranean countries priority and the National priority for Jordan and Palestine (the partner countries of the projects). The involvement of Partner Country Universities provide essential information on what the current curricula in the region offer in regard to water education, so this will allow to understand what the new course should be. The partner from Jordan and Palestine should also help understand the culture of the region and develop courses suitable for it that will be adopted by other universities in their countries or by neighboring countries. The Program Countries will provide feedback on new and innovative courses on water resources management that are taught in their countries and the rest of the EU. This will ensure that the new courses in regard to water management, reuse and recycling are up to date with EU standards that should allow the region with the same amount of water or even less to be able to provide water sustainably for the residents of the region, agriculture and industry, but also have the best outcome for its environment.

### Partners

Institute	Country
Palestine Technical University Kadoorie (PTUK)	Palestine
Jordan University of Science and Technology (JUST)	Jordan
T.E.I. Eastern Macedonia and Thrace (EMaTTech)	Greece
Stichting VU (VU)	Netherlands
Al Quds University (AQU)	Palestine
The University of Jordan (UJ)	Jordan
Open University of Cyprus (OUC)	Cyprus
Universidad Politecnica de Madrid (UPM)	Spain
Princess Sumaya University for Technology (PSUT)	Jordan
Palestinian Water Authority (PWA)	Palestine
International Company to Support Scientific Research (ASRF)	Jordan
Creative Thinking Development (CRE.THI.DEV)	Greece
Hydro-Engineering Consultancy (HEC)	Palestine



**Wednesday, 27 February 2019**

*Arrival of WaSec Project participants.*

*19.00 Dinner, open end*

**Thursday, 28 February 2019**

9.30	10.00	Registration
10.00	10.30	Opening Session, Welcome and overview, Introducing project partners, 2-3 minutes each, signing partnership agreements.
10.30	11.30	<b>Official Speeches:</b> ♦ <i>H.E Senator Prof. Rida Khawaldeh,</i> ♦ <i>Prof. Ahmed Abu Al-Haija, NEO Jordan,</i> ♦ <i>Dr. Nedal Jayousi, NEO Palestine.</i> ♦ <i>Prof. Abd Al-Kareem Al-Qudah, President of Jordan University,</i> ♦ <i>Prof. Nouraldin Abualrob, President of Palestine Technical University- PTUK,</i> ♦ <i>H.E Prof. Adnan Badran, Chariman of Board of Trustees - University of Jordan,.</i>
11.30	12.00	Coffee break
12.00	12.30	<b>Project Overview, Identification,</b> <i>What are the aims of WaSec? Profile, prospects and expected outcomes at the end of the project?</i> <b>Dr. Saed Khayat, PTUK, Project Coordinator</b> <b>Dr. George Zaims, EMaTTech- Greece</b>
12.30	13.00	<b>Project Management Issues,</b> <i>An overview of Erasmus Project guidelines.</i> <b>Dr. Nedal Jayyousi, Palestinian NEO</b>
13.00	14.00	<b>Lunch</b>

14.00	15.00	<b>WPs Presentations</b> <i>WP leaders brief introduction about their institutes and their vision/outline of WPs they lead</i>
15.00	16.00	<b>Subproject Working Group meetings and discussion</b> <b>Selection of the, steering and Scientific committee</b>
16.00	16.30	Coffee break
16.30	17.30	<b>Subproject Working Group meetings and discussion</b>
18.30		<b>Joint conference Dinner</b>

**Friday, 1 March, 2019**

10.00	11.00	<i>Subproject Working Group meetings and discussion</i>
11.00	11.30	Coffee break
11.30	12.30	<b>Steering Committee Meeting</b>
12.30	13.30	<i>Discussing log-frame review for measuring the performance of project (Provided by EACEA)</i>
13.30	14.00	Coffee break
14:00	15:00	<i>Summary of the WPs planned activities Agree of next meeting time and place</i>
15:00	16.00	<b>Closing Session, end of meeting</b>
18.00		<b>Dinner</b>

**Saturday, 2 March, 2019**

10:30	11:30	<b>Steering Commitee Meeting</b>
11:30	12:30	<b>Paralel Sceintific and qualty Commitee Meeting</b>