



ERASMUS+ PROGRAMME

Project Number: 573927-EPP-1-2016-1-JO-EPPKA2-CBHE-JP

EGREEN:

Development Of Environmental Engineering Courses And Injection Of Climate Change Concept For Undergraduate Curriculum

Fourth Steering Committee Meeting Agenda

**The University of Jordan (UJ)
Amman-Jordan**

April 3rd – 5th, 2018



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Venue: Saeed Al-Mufti Auditorium at School of Engineering

Day 1

Tuesday, April 3, 2018

8:30-10:00	Registration
10:00-10:45	Opening Dissemination Event <ul style="list-style-type: none"> • Verses from the Holy Quran • Welcome Speech by the Chairman of the Organizing Committee, Prof. Ahmed Al-Salaymeh • Welcome Speech by the President of the University of Jordan, Prof. Azmi Mahafzah • Speech by the Minister of Energy and Mineral Resources, Dr. Saleh A. Al-Kharabsheh • Speech by the Minister of Higher Education and Scientific Research, Prof. Adel Tweissi
Coffee Break and Exhibition Tour for Erasmus plus projects 10:45-11:30	
11:45-13:00	Dissemination Event
13:00-14:15 Lunch Break	
Venue: Deanship Hall at School of Engineering	
14:15-14:20	Registration
14:20-14:30	Welcome Speech by General Coordinator of the EGREEN Project, Prof. Ahmed Al-Salaymeh
Session (1): WP2 Chaired by Prof. Martin Kaltschmitt (TUHH)	
14:30-15:30	WP3: Development of Study Plan and Curricula Action plan by Prof. Salman Ajib (OWL-UAS) <ul style="list-style-type: none"> ❖ Presentation of WP-03 results
Session (2): WP5, WP1 Chaired by Prof. Ala'aldeen Al-Halhouli (GJU)	
15:30-15:45	WP5: Capacity Building by Prof. Martin Kaltschmitt (TUHH) <ul style="list-style-type: none"> ❖ Presentation of WP-05 results
15:45-16:00	WP1: Networking by Prof. Fahmi Abu Al-Rub (JUST) <ul style="list-style-type: none"> ❖ Presentation of WP-01 results
16:00 – 16:30 Coffee Break	



Session (3): WP6, WP2, WP7 Chaired by Prof. Ahmed Al-Salaymeh (UJ)	
16:30-16:45	WP6: Monitoring and Evaluation by Prof. Ala'aldeen Al-Halhouli (GJU) ❖ Presentation of WP-06 results
16:45-17:00	WP2: Scoping and training needs by Prof. Mo'ayyad Shawaqfah & Prof. Moussa Al-Samara (TU) ❖ Presentation of WP-02 results
17:00-17:15	WP7: Dissemination and Sustainability by Dr. Adnan Ghata (ABU) & Eng. Eman Abdel hafez (ZUJ) ❖ Presentation of WP-07 results
Session (4), WP4, WP8 Chaired by Prof. Moussa Al-Samara (TU)	
17:15-17:30	WP4: Development of Online Content and Competencies ❖ Presentation of VLE by Mr. Mamoun Dmour (UJ)
17:30-18:00	WP8: Management by Prof. Ahmed Al-Salaymeh (UJ) ❖ Presentation of WP-08 results



Venue: Saeed Al-Mufti Auditorium at School of Engineering

Day 2

Wednesday, April 4, 2018

9:00-10:30	(EGREEN Presentation) Chairman: Prof. Salman Ajib Rapporteur: Dr. Ali Alahmar Coordinator: Eng. Qatada Damra		
9:00 - 9:15	0101	Study for Supplying Literature Faculty In Tishreen University By Photovoltaic Energy Prof. Shoaib Mahmoud, Eng. Ibrahim Ahmad	Syria
9:15 – 9:30	0102	Design and construction of biogas unit and operating it to utilize the produced gas to generate electrical power to cover the needs of a Fedeo cow farm at Lattakia city Ghaith Qanjrawi, Moussa Alsamara	Syria
9:30 – 9:45	0231	Airborne Particulates Prof. Ahmed AlMahmoud , Dr. Nadia Khedr	Syria
9:45 – 10:00	1402	Study of the oil mill wastewater (OMW) treatment Using membrane bioreactor (MBR) A.Ghata; H.Ali; A.Dachyl; Sh.Al-Melhem	Syria
10:00 – 10:15	1410	The reality of wastewater treatment and its use for agricultural purposes in Syria Prof. Moussa Al- Samara; Dr. Amal Dayoub	Syria
10:15 – 10:30	0202	Numerical and Analytical Modelling of Induction Heating in Silica Gel/Methanol Adsorption Cold Production System Majd Ali, Salman Ajib, Christian Karcher and Ulrich Lütke	Germany

Coffee Break

10:30 -11:00

Venue: Saeed Al-Mufti Auditorium at School of Engineering

11:00 -12:00	Session 5-1-A Chairman: Prof. Yousef Zurigat Rapporteur: Dr. Philipp Hauser Coordinator: Eng. Rebhi Maashaleh		
11:00 – 11:15	0235	Techno-economic assessment of synfuel production from renewable energies in Jordan Sebastian Timmerberg, Martin Kaltschmitt	Germany
11:15 – 11:30	0230	Estimation of the optical properties of clouds, aerosols and forecasting of direct normal irradiance from all-sky images	Greece Spain France



		Andreas Kazantzidis, Panagiotis Tzoumanikas, Vassilios Salamalikis, Stefan Wilbert, Pascal Kuhn, Philippe Blanc	
11:30-11:45	0114	Challenges of the Natural Gas Markets in Europe in the Con-text of Energy Transition Philipp Hauser	Germany
11:45-12:00	0115	Energy Transition in the Mena Region: Which energy path-ways are countries taking? Matthew Schmidt	Germany
12:00-13:00	Dissemination Event		
13:00-14:00 Lunch Break			
Venue: Middle Auditorium at School of Engineering			
14:00-15:30	(EGREEN Presentation) Chairman: Dr. Loai Dabbour Rapporteur: Dr. Muna Hindyeh Coordinator: Eng. Haneen Saadeh		
14:00-14:15	0103	Production of organic fertilizer and energy from sewage sludge from the treatment plant in Salameh-Hama-Syria Prof. Moussa Alsamara, Dr. Bushra Nema, Dr. Omiema Nasser	Syria
14:15 – 14:30	0502	Optimal Energy Management for an Isolated Microgrid Using an Advanced Dynamic Programming Ammar Hajjar, Issam Hussamo, Hussam Aldin Rassouk	Syria
14:30 – 14:45	0104	Design and implementation of a three-phase sine wave converter using SPWM, variable output voltage and frequency with a solar charger based on maximum power point tracker of solar radiation MPPT Dr. Moussa AlSamara, Dr. Fouad Jabal, Ali Mahmoud	Syria
14:45 – 15:00	1411	The impact of the current crisis on agriculture and food security in Syria Prof. Moussa Al- samara Dr. Amal Dayoub	Syria
15:00 – 15:15	0105	The introduction of renewable energy criteria for construction method selection in concrete buildings commensurate with the requirements of reconstruction in Syria Dr. Bassam Hasan; Eng. Madonna Beshara; Eng. George Alsamara	Syria
15:15 – 15:30	1409	Utilization of secondary agricultural products produced by olive presses (peat water, pyrene) As a renewable energy source Prof. Moussa Al-sammara, Dr. Bushra nema, Dr. Amal Dayoub	Syria



15:30-16:00
Coffee Break

16:00 – 17:45	<p>Session 7-A Multiple EU Funded Projects Workshop (II)</p> <p>Chairman: Prof. Fahmi Abu Alrub Rapporteur: Eng. Fedaa Al-Qasem</p>
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Venue: EU Office- School of Engineering

Day 3

Thursday, April 5, 2018

9:00-10:30	General Management Meeting with Syrian partners.
<p>Coffee Break 10:30 – 11:00</p>	
11-00:13:00	General Management Meeting with Syrian partners.
13-00:14:00	Closing and Final Remarks