**Palestine Polytechnic University**

**ICEEP IV - Conference Program**

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| **Activities** | | **Time** |
| **First Day - Wed 6/4/2016, ICEEPIV 2016 Conf.** | | |
| **Registration** | | **08:30 - 09:00** |
| **ICEEPIV 2016 Opening Session , Bilal Amro Auditorium "C-Ground floor "** | | **09:00 - 10:10** |
| **Keynote Speech :** **Renewable Energy Sources And Environmental Impacts**  **Prof. Muhammad Rashid**,University  Of  West Florida | | **10:10 - 10:50** |
| **Break** | | **10:50- 11:05** |
| **The Opening of the Entrepreneurial Exhibition in Renewable Energy and Green Environment.** | | **11:05 - 11:45** |
| **Keynote Speech : Smart Grid and New Energy Paradigm,**  Prof. Haitham.Abu-Rub**-** Texas A&M University at Qatar | | **11:45 - 12:25** |
| **Keynote Speech :**  **Solar Energy Technologies: "Status, Advances, and Prospects in the Middle East",** Prof.Fuad Ahmed Abulfotuh University of Alexandria, Alexandria, Egypt. | | **12:25-01:05** |
| **Parallel Sessions :Session 1+ Session 2+ Session 3 (4 paper via Skype-Turkey)** | | **01:05 - 02:20** |
| **Keynote Speech :The City Roof, Another Kind Of Urban Space The Green Roof,** Prof.Arch.Sorin Vasilescu Ion MincuUniversity of architecture and urbanism. | | **2:20-03:00** |
| **Lunch** | | **03:00 - 03:40** |
| **Parallel Sessions: Session4+Session5+Session6** | | **03:40- 05:00** |
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| **Second Day - Thu 7/4/2016, ICEEPIV 2016 Conf.** | | |
| **Registration** | | **08:30 - 09:00** |
| **Keynote Speech :Nanotechnology  Application in Solar Energy,**  Prof. Mohammed Ahmed Hamdan**University of Jordan)** | | **09:00 - 09:40** |
| **Keynote Speech :Recent Advances in Distributed Solar Conversion to Enable Smart Cities,** Prof.Issa Batarseh University of Central Florida. | | **09:40 - 10:20** |
| **Break** | | **10:20-10:40** |
| **Parallel Paper Sessions -Session1+Session2+Session3** | | **10:45 - 12:00** |
| **Keynote Speech :Recent Trends in Environmental Studies Technology: Cases from the Arab world , Prof.Safeyuldeen Metwalley**Researcher Professor in Desert Research Center , Egypt. | | **12:00-12:40** |
| **Break** | | **12:45 - 01:00** |
| **Keynote Speech :Renewable Energy Resources: Current Status and Challenges with Focuses on the MENA Region ,** Prof. Ahmed Salaymeh, University of Jordan | | **01:00 -01:40** |
| **Parallel Paper Sessions : Session 4+ Session 5+ Session6+** | | **01:45-03:00** |
| **Lunch** | | **03:00 - 03:50** |
| **ICEEPIV 2016 Closing Session** | | **03:50 – 04:50** |
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| **First Day - Wed 6/4/2016**  **Parallel Session 1:Environment** | | | |
| **Time:01:05- 02:20** | **Hall: C304 Chair: Dr. Deema al Nazer** | | |
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|  | **ID** | **Title** | **Author names** |
| Time: 01:05 - 01:15 | 18 | Performance Evaluation Of Small Scale Desalination Plants In Gaza Strip | Tamer Alslaibi, JawadAlagha |
| Time:01:15 – 01:30 | 94 | Reducing Organic Pollution Of Wastewater From Milk Processing Industry By Adsorption On Marlstone Particles | Maher Al-Jabari, NaremanZahdeh, Nadia Eqefan , Heba Dweik . |
| Time:01:30 – 01:45 | 113 | Dew Harvesting From Atmosphere To Supply Water From The Mid Heights In The West Bank Of Palestine | Mohammed Odeh, Mohammad Karaeen |
| Time:01:45 – 02:00 | 17 | [Identification And Assessment Of Potential Environmental Impacts Of Cesspits On Selected Groundwater Wells In Tulkarem District Using Groundwater Modelling](http://iceep.ppu.edu/openconf/chair/show_paper.php?pid=17) | Lina Hamarshi, Mohammad Al-Masri |
| **Session Discussion**  **02:00– 02:20** | | | |

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| **First Day - Wed 6/4/2016**  **Parallel Session 2:Energy** | | | |
| **Time: 01:05 - 02:20** | **Hall:C306 Chair: Dr. Marwan Mahmoud** | | |
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|  | **ID** | **Title** | **Authors names** |
| Time: 01:05 - 01:15 | 115 | Yatta’s Medium Voltage Network Analysis And Enhancement | Sameer Khader,Abdel-Karim Daud, Ala’ Abu Qbeita, Elias Maharme |
| Time:01:15 – 01:30 | 9 | Design And Sizing Characteristics Of A Solar Thermal Power Plant With Parabolic Trough Collectors For A Typical Site In Palestine | Aysar Yasin, Osama Draidi |
| Time:01:30 – 01:45 | 106 | Photovoltaic Wireless Energy Transfer System | Sameer Hana Khader,Abdel-Karim daud **,**Ala’ Abu Qbeita, Elias Maharmeh |
| Time:01:45 – 02:00 | 111 | Power Quality Detection And Classification Using Wavelet Tra-power Quality Detection And Classification Using Wavelet Transform And Root Mean Square Methods | Abdel-Karim daud ,Sameer Hana Khader,Ala’ Abu Qbeita, Elias Maharmeh |
| **Session Discussion**  **02:00– 02:20** | | | |

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| **First Day - Wed 6/4/2016**  **Parallel Session3: Energy- Skype Session** | |
| **Time:01:05 - 02:20** | **Hall: video conference -floor(4) Chair: Prof. Abedl Karim Daud** |
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| Time: | **ID** | | **Title** | **Authors names** |
| Time: 01:05 - 01:15 | 124 | | [Eliminating Leakage Currents In Single-Phase Transformerless Z-Source Inverter For Photovoltaic Systems](http://iceep.ppu.edu/openconf/chair/show_paper.php?pid=124) | Hussei Mishbak, Khaldoon Aeal, Mohammed Ghalib, Ibrahim Mahariq |
| Time:01:15 – 01:30 | 121 | | FACTS Technology: Current Challenges And Future Trends | Ibrahim Mahariq, Israa Ismael, Raad Salih |
| Time:01:30 – 01:45 | 126 | | Application Of Z-Source Inverter On Wınd Turbine Source | Othman Al Darraji, Ali Elabbadi, Abdalziz Saidi, Ibrahim Mahariq |
| Time:01:45 – 02:00 | 128 | | Design And Simulation Of Three Phase And Single Phase Z-Source Inverters | Raad Salih Jawad, Israa Ismael, Ibrahim Mahariq |
| **Session Discussion**  **02:00– 02:20** | | | | |
| **First Day - Wed 6/4/2016**  **Parallel Session 4:Environment** | | | | |
| **Time: 03:40- 05:00** | **Hall: C304 Chair: Dr. Tahseen Sayara** | | | |
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|  | **ID** | **Title** | | **Author names** |
| **Time: 03:40- 03:55** | 129 | Improvement Of Large Scale Wastewater Treatment Plant Using Epuvalisation Technique | | Sabreen Daghra, MohannadQurie |
| **Time:03:55 – 04:10** | 22 | Effect Of Treated Waste Water And The Stone Slurry Water On Concrete Strength | | Nabil Al-Joulani |
| **Time: 04:10– 04:25** | 130 | ***Application of Rainfall Runoff Distributed Model Using HEC-HMS for Al-Faria Catchment, West Bank, Palestine*** | | Hadeel Sulaiman,Dr. Sameer Shadee, Dr. Anan Jayyousi |
| **Time:04:25 – 04:40** | 6 | Dynamic Evaluation On The Bearing Capacity Of The Human, Resources And Environment Of The Key Development Area In Qinghai Province | | Ningyang Zhu Qinghai ,Shengxi Ding |
| **Session Discussion**  **04:40– 05:00** | | | | |

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| **First Day - Wed 6/4/2016**  **Parallel Session 5: Sustainable Development** | | | |
| **Time03:15 - 04:40** | **Hall: C306 Chair: Dr. Mohammad Karaeen** | | |
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|  | **ID** | **Title** | **Author names** |
| Time: 03:40- 03:55 | 167 | Household Hazardous Waste Management In Hebron City, Palestine | Waseem Al-Tamimi, Issam Al-Khatib |
| Time:03:55 – 04:10 | 12 | Environmental Justice And Sustainability In Palestine: Challenges And Opportunities Under Colonization | Mazin Qumsiyeh |
| Time: 04:10– 04:25 | 68 | Agriculture Developing Strategies(ADS) In The Lower Jordan Valley Focus On Brackish Water And Crops Salt Resistivity: Case Study Of Auja Catchment In Jericho Area In Palestine; Field Survey And Soil Analysis. | Ayman Shawahna, Marei Amer, Martin Sauter |
| Time:04:25 – 04:40 | 134 | The Research On Construction Approach And Supporting Measures Of Eco-Type Tourism Industry Cluster | Chen Danhong,  Yi Tianyu |
| **Session Discussion**  **04:40– 05:00** | | | |

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| **First Day - Wed 6/4/2016**  **Parallel Session 6: Green Entrepreneurship, Green Building, Marketing, & Supply chain Management** | | | |
| **Time03:15 - 04:40** | **Hall: C308 Chair:** **Dr. Usama Shahwan** | | |
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|  | **ID** | **Title** | **Author names** |
| Time: 03:40- 03:55 | 145 | The Green Entrepreneurship | Wisam Shamroukh |
| Time:03:55 – 04:10 | 162 | Green supply chain management practices Empirical Study on the food industry in Palestine | Sadiyya Sultan |
| Time: 04:10– 04:25 | 78 | The Continuity of Green Building | Hasan Awawda,LuísBragança |
| Time:04:25 – 04:40 | 154 | مراجعة أدبية و رسم أجندة بحثية في مجال التسويق الأخضر | Lina Abu-Ayash,Diana Hassouneh |
| **Session Discussion**  **04:40– 05:00** | | | |

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| **Second Day - Thursday 7/4/2016**  **Parallel Session1: Environment** | |
| **Time:10:45 - 12:00** | **Hall: C304 Chair: Dr. Ishaq Sider** |
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|  | **ID** | **Title** | **Authors names** |
| Time10:45 - 11:00 | 127 | Characterization And Treatment Of Al-Menya Landfill Leachate Using Biological And Physical Methods | Ala' Abuayyash, Mohannad Qurie |
| Time:11:05 – 11:20 | 16 | Quality Of Drinking Water Used In Marginalized Communities Of The West Bank, Palestine: With Focus On Harvested Rainwater | Wael Awadallah,Francesca Fulgoni, Giorgio Cancelliere, |
| Time:11:20 – 11:35 | 60 | Waste And Appendages Percentage Of Stone Slabs Cutting Machine | Jawad Al-Haj |
| Time:11:30 – 11:45 | 5 | Environmental Safety & Health | Ahmad Haddad |
| **Session Discussion**  **11:45 – 12:00** | | | |
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| **Second Day - Thursday 7/4/2016**  **Parallel Session2:Energy** | |
| **Time:10:45 - 12:10** | **Hall: C306 Chair:** **Prof. Ahmed Salaymeh** |
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|  | **ID** | **Title** | | **Authors names** |
| Time10:45 - 11:00 | 8 | 18% Solar Energy Conversion Efficiency By Metal Chalcogenide Nano-Film Electrodes | | Prof. Hikmat Hilal |
| Time:11:05 – 11:20 | 122 | Modelling Of Hybrid Micro Grid Renewable Energy System | | Abdel-Karim Daud  Sameer Khader, Noor Abu Ayyash |
| Time:11:20 – 11:35 | 45 | Development Optimized Solar Awning | | Moayyad W. Hamad |
| Time:11:30 – 11:45 | 20 | Prediction Of Hourly Solar Radiation In Amman-Jordan By Using Artificial Neural Networks | | Mohammad Hamdan, Eman Abdelhafez, Hamza Salem,Ola Ghnaimat |
| **Time:11:45 – 12:00** | **Keynote Speech** | **Photovoltaic Solar Project- Palestine Case Study** | | **Fadi Bkirat** |
| **Session Discussion**  **12:00 – 12:15** | | | | |
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| **Second Day - Thursday 7/4/2016**  **Parallel Session3: Planning & Sustainable Development** | | | | |
| **Time:10:45 - 12:00** | | | **Hall: C308 Chair: Dr.Subhi Samhan** | |
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|  | **ID** | **Title** | | **Authors names** |
| Time10:45 - 11:00 | 131 | Comparative Study In Palestinian Environment Legislation | | Murad Madani, BaselMansoor |
| Time:11:05 – 11:20 | 13 | A Study Of Medical Waste Disposal In Private Medical Laboratories In Hebron City –Palestine. | | adel alsalaymeh |
| Time:11:20 – 11:35 | 26 | Water Loss Management In Palestine Water Distribution Networks | | Samah Jabari |
| Time:11:30 – 11:45 | 21 | Groundwater Assessment And Protection Zone Plan In Al- Fawwar Wells Field | | Jawad Hasan Shoqeir |
| **Session Discussion**  **11:45 – 12:00** | | | | |

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| **Second Day - Thursday 7/4/2016**  **Parallel Session4: Environment** | |
| **Time:10:45 - 12:00** | **Hall: Bilal Amro "C-Ground floor " Chair:** **Dr. Nabil Al-Joulani** |
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|  | **ID** | **Title** | **Authors names** |
| Time10:45 - 11:00 | 96 | Assessment Of Impact Sewage Effluents On The Coastal Water Quality Around The Mouth Of Wadi Gaza (Gaza And Middle Governorates, Gaza Strip, Palestine) | Khalid Fathi Ubeid , Mohammad Ramadan Al Agha |
| Time:11:05 – 11:20 | 123 | The Effect Of Utilization Of Fine Crushed Limestone As Partial Replacement Of Natural Sand In Concrete Mixes | Riyad Abdel-Karim Awad |
| Time:11:20 – 11:35 | 4 | Municipal Waste Gasification | Ali Balaha |
| Time:11:30 – 11:45 | 7 | Israeli occupation forces and settlers pollution of the Palestinian land In the West Bank with Liquid and solid waste | 1Nael Musa,2Mai Mshel,3Neme Salame , |
| **Session Discussion**  **11:45 – 12:00** | | | |
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| **Second Day - Thursday 7/4/2016**  **Parallel Session5: Energy** | | | | |
| **Time:01:45-03:00** |  | **Hall: C304 Chair: Prof. Sameer Hana Kader** | | |
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|  | **ID** | **Title** | **Authors names** | |
| Time: 01:45 - 02:00 | 163. | Solar Energy For Process Heat In Palestine - Case Study: Process Heat For De-Feathering And Cleaning Applications | Marwan Mokhtar, Samer  Alnatsheh,Sameer Mokhtar | |
| Time:02:00 – 02:15 | 19. | Simulation Of Solar Thermal Hybrid Heating System Using Neural Artificial Network | Eman Abdelhafez,Ayat Salem, Mohammad Hamdan,Ahmad Al aboushi. | |
| Time:02:15– 02:30 | 2. | Feeding Of Tubas District Electricity Company’s Grid By Photovoltaic Projects(Now And Future) | Ishraq Jarrar | |
| Time:02:30 – 02:45 | 192 | Gaza Governorate Electrical Power Distribution Grid Reduction in Power Losses and Voltage Drop through Cable Sizing and Reactive Power Compensation | Hussam Awwad,Assad Abu-Jasser | |
| **Session Discussion**  **02:45 – 03:00** | | | | |

***Hebron Municipality, Hebron Power Electricity Co*operation,**

**Awareness Workshop**

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| **Time:01:45-02:35** | **Hall: Bilal Amro "C-Ground floor " HEPCO- Awareness Workshop** | |
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| **Title** | | **Presenter Name** |
| Electricity Sector Management in Palestine | | Eng. Abed Al-Raouf El-Sheikh |

**Conference Pre- Activity**

**Green Entrepreneurship Training Work Shop**

**Monday(4/April/2016)-Tuesday(5/April/2016)**

**Bilal Amro Auditorium "C-Ground floor "**

**Facilitators:Ali Ramadan,Ayman Soltan,Wisam Shamroukh**

**Day 1: Monday(4/4/2016)**

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| **Topic** | **Time** |
| Registration  Networking | 09:00-09:30 |
| Workshop Objectives  Participants' Expectations | 09:30-10:00 |
| Introduction to Green Entrepreneurship | 10:00-10:30 |
| Coffee Break | 10:30-10:45 |
| Session I: Ideation  Opportunities in energy and environmental protection  Eco Innovation  Factors Affecting ecopreneurship (PESTEL) | 10:45-12:00 |
| Lunch and Prayer Break | 12:00-12:45 |
| Session II: Stakeholder and Customer Segments  Stakeholder map  Clients gains and pains  Customer segmentation | 12:45-13:45 |
| Coffee Break | 13:45-14:00 |
| Session III: Value Proposition  Environmental Value  Social Impact  Economical value | 14:00-15:00 |

**Day 2: Tuesday(5/4/2016)**

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| **Topic** | **Time** |
| Session IV:  Day 1 recap  Design Testing | 09:00-10:30 |
| Coffee Break | 10:30-10:45 |
| Session V: Customer Relationships  Channels and Customer journey  Project Activities | 10:45-12:00 |
| Lunch and Prayer Break | 12:00-12:45 |
| Session VI: Resources and Cost Structure  Revenue streams  Pricing | 12:45-13:45 |
| Coffee Break | 13:45-14:00 |
| Session VII: Ecodesign cards  Evaluation and Improvement  Wrap up and Conclusion | 14:00-15:00 |