



CIGR 2018

XIX. World Congress of CIGR (Commission Internationale du Génie Rural)

“Sustainable Life for Children”

22 - 25 April 2018

Antalya, Turkey

PROGRAM & ABSTRACTS' BOOK



www.cigr2018.org



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24 April 2018

TIME	HALL A	HALL B	HALL C	HALLS FOR CIGR GOVERNANCE MEETINGS
14:30-15:00	POSTER SESSION 5 POSTERS OF "SECTION IV - ENERGY IN AGRICULTURE" P-035 / Lag-phase in anaerobic digestion of protein for high-efficiency biogas production - Sanghun Kim, South Korea P-036 / Is Switchgrass the New Ground-Breaking Energy Crop for Biofuel Production? - Hilal Ünyay, Turkey P-037 / Determination of The Effect of Boron Fertilizer as A Nutritional Supplement in Different Growth Medium Regarding to Its Potential to Biodiesel Feedstock Production - Caner Koc, Turkey P-038 / Design, Manufacturing and Testing of a Torrefication Equipment to Obtain Biocoal - Turkan Aktas, Turkey P-039 / A Research on the Determination of the Gasification Performance of Grass Pellets - Birol Kayışoğlu, Turkey P-040 / A Study on Seasonal Energy Utilization Indices for Raw Milk Cooling Systems - Birol Kayışoğlu, Turkey P-041 / Mathematical Modeling of Thin Layer Fig Fruits in Solar Tunnel Drier - Sevil Karaaslan, Turkey P-042 / Provision of solar system designing for high efficiency irrigation system and tunnel farming in agriculture sector of Pakistan - Abdul Ghafoor, Pakistan P-043 / Evaluation of pomegranate cultivation from energy production and environmental aspects in Antalya Province of Turkey - İbrahim Yılmaz, Turkey			
15:00-16:30	ORAL SESSION 13 SECTION IV - ENERGY IN AGRICULTURE Session Chairs: Laurentiu Fara, Romania - James Houser, United States OP-054 / New trends in monitoring and control of photovoltaic pumping systems Laurentiu Fara, Romania OP-055 / Integration of photovoltaic power plants into the historic city Martin Libra, Czech Republic OP-056 / Modeling the movement of hulled millet in agitated drum dryer with discrete element method Dániel Horváth, Hungary OP-057 / An investigation of ambient drying of {Eucalyptus grandis} logs Charles Kinoshita, United States OP-058 / Design of Parallel Connected Vacuum Tube Solar Air Collector Recep Külçü, Turkey	ORAL SESSION 14 SECTION V - SYSTEM MANAGEMENT Session Chairs: Elisabeth Quendler, Austria - Lalit Verma, United States OP-073 / Investigation of R&D and Innovation Performance in the Agricultural Trailer Manufacturing Company Firat Kömekçi, Turkey OP-074 / How agriculture 4.0 can be an opportunity for marginal areas? A case study in Tuscany Stefania Lombardo, Italy OP-075 / How to efficiently support adoption of new technologies in agriculture? Hannu E S Haapala, Finland OP-076 / Development of an innovative farm management system with parallel off-line and on-line capabilities Dionysis Bochtis, Greece OP-077 / Agricultural Mechanization in China's Rural Rejuvenation Strategy Minli Yang, China OP-078 / Assessing and Comparing the GHG Emissions, Energy and Economic Analysis of Conventional Tillage and No-tillage Soybean Culture in Sari Dashtnaz Agriculture Company Alireza Taheri-Rad, Iran	ORAL SESSION 15 SECTION VI - BIOPROCESSES Session Chairs: Amauri Rosenthal, Brazil - Leisa Jane Armstrong, Australia OP-084 / Evaluation of Enzyme Doses on Ethanol Production from Raw Switchgrass Variety of Kanlow İbrahim Alper Başar, Turkey OP-085 / Optimization of antioxidant activity of extracts from New Zealand and Chinese Asparagus root cultivars using microwave assisted process Alaa El-din Bekhit, New Zealand OP-086 / Effect of Pressure and Temperature Level on Fat And Protein Content in Milk Powder Production Ashlhan Yilmaz, Turkey OP-087 / Multiple mycotoxins determination based on immunoassay in agro-food and feed Zhaowei Zhang, China OP-088 / Nanobody based immunoassay for mycotoxin determination in food and feed Xiaoqian Tang, China	ASABE Global Initiative Meeting