

出國報告（出國類別：參加國際會議）

赴土耳其參加「3rd International
Workshop on UI Green Metric
(IWGM)」進行綠色大學專題演講

服務機關：國立暨南國際大學

姓名職稱：蘇玉龍校長

派赴國家：土耳其

出國期間：2017/4/08~2017/4/11

報告日期：2017/4/18

摘要

「世界綠色大學」評比於 2010 年發起，以環境保護與永續發展作為指標，評比項目包含基礎設施、能源與氣候變遷、廢棄物處理、水資源、交通運輸、教育等六大項評分，2016 年全球有七十四個國家、五一六所大學院校參加評比，台灣有廿四所大學院校上榜，暨大總排名第五十一名，在全台進榜學校排第三，也是綜合大學第一。因此，本校榮獲印尼大學邀請至土耳其參加「3rd International Workshop on UI Green Metric (IWGM)」進行專題演講，分享本校綠色大學推動成果，藉此提升本校的能見度。

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壹、目的

國立暨南國際大學(以下簡稱暨大)位於臺灣省南投縣埔里鎮，除先天地理條件的優勢外，校園內到處可見綠草如茵、花木扶疏景象，草創建校時期即完成了健全的污染防治設備。在校園建築方面也配合綠建築規範之需，有高達 88%綠化及自然生態的校區環境，亦是暨大的特點。為了維護校園環境與生態的價值，除了藉由教學研究與日常生活中推廣環境教育，也期使全校教職員工能夠身體力行節能減碳的動作。因此，近年來校方積極進行校園永續發展的規劃與推動，例如在 2009 年所簽署的「塔樂禮宣言」，即宣示了學校對於維護環境的決心，並且正式成為「綠色大學」一份子。在 2013 年度中，計有 51 門課程將永續的觀念納入教材，而有關環境教育議題的開課數也達到 112 學分且逐年增加。校內舉凡污水排放、綠色採購及再生能源比例、設置太陽能集熱系統、照明能源管理系統、生活污水處理再生利用等措施皆符合現行相關法令。並且通過了 ISO14001 的環境管理認證，以及積極參與校際綠色聯盟等組織，期許實現永續發展的校園文化，並影響鄰近中小學、社區、社會，甚至國際社會，在能源短缺與全球暖化危機的時代中，顯示出暨大校方作為一個教育團體，對於社會責任的重視，以及為地球永續所盡的一切努力。「世界綠色大學」評比於 2010 年發起，以環境保護與永續發展作為指標，評比項目包含基礎設施、能源與氣候變遷、廢棄物處理、水資源、交通運輸、教育等六大項評分，2016 年全球有七十四個國家、五一六所大學院校參加評比，台灣有廿四所大學院校上榜，暨大總排名第五十一名，在全台進榜學校排第三，也是綜合大學第一。因此，本校榮獲印尼大學邀請至土耳其參加「3rd International Workshop on UI Green Metric (IWGM)」進行專題演講，分享本校綠色大學推動成果，藉此提升本校的能見度。

貳、過程

日期	行程
4/8 (六)	去程 土耳其航空 TK025 桃園 2150 / 伊斯坦堡 4/9 0510
4/9 (日)	13:00-20:45 「3rd International Workshop on UI Green Metric (IWGM)」報到
4/10 (一)	8:00-21:30 「3rd International Workshop on UI Green Metric (IWGM)」
4/11 (二)	返程 土耳其航空 TK024 伊斯坦堡 0145 / 桃園 1800

Workshop Program

THE 3rd INTERNATIONAL WORKSHOP ON UI GREENMETRIC WORLD UNIVERSITY RANKINGS “Global Campus Partnership for Sustainable Future” 9-10 April 2017 Baltalimani Social Facilities, Istanbul University, Turkey	
DAY 1: 9 APRIL 2017 - SUNDAY	
Timing	Session
Whole day	Arrival of participants
1:00 PM - 4:00 PM	Registration of Delegates Venue: Baltalimani Social Facilities, Istanbul University (Conference Facility entrance)
4:00 PM - 5:30 PM	UI GWURN Committee Meeting (by invitation) Venue: Palace Building, floor 2
7:00 PM - 9:00 PM	UI GWURN Committee Dinner (by invitation) Venue: Baltalimani Facility Restaurant
9:00 PM - 9:15 PM	Transfer to hotel
DAY 2: 10 APRIL 2017 - MONDAY	
8:30 AM - 9:00 AM	Registration of Delegates Venue: Baltalimani Social Facilities, Istanbul University
9:00 AM - 9:30 AM	Welcome Speech Venue: Conference Facility, Floor 2 Baltalimani Social Facilities, Istanbul University <ul style="list-style-type: none"> • Prof. Riri Fitri Sari, Chairperson of UI GreenMetric World University Rankings • Prof. Dr. Mahmut Özer, Rector of Bülent Ecevit University • Prof. Dr. Ir. Tommy Ilyas, M.Eng., Representative of Rector of University of Indonesia • Prof. Dr. Mahmut AK., Rector of İstanbul University
9:30 AM - 10:15 AM	Keynote Speeches Keynotes: <ul style="list-style-type: none"> • H.E Mehmet Özhasaki, Minister of Environment and Urban Planning, Republic of Turkey (TBC) • Prof. Dr. M.A. YektaSaraç, Head of Turkish Higher Education Council
10:15 AM - 10:30 AM	Group photo
10:30 AM - 10:50 AM	Coffee Break
10:50 AM - 11:30 AM	Panel Session 1 Session 1: Issues and Innovation in Managing Energy Chair : Mrs. Estelle S. Davutoğlu Founding Coordinator, Department of International Entrepreneurship TOBB University of Economics and Technology-Ankara, Turkey Speakers: <ul style="list-style-type: none"> • Carbon Footprint of BEU Devrek Campus: A Case Study Asst. Prof. Dr. Sefa Kocabaş, Representative of Rector, Bulent Ecevit University • Energy and Climate Management Techniques Employed by Institute for Financial Management and Research (IFMR) Speaker: Mr. Satya Saran, Representative of President, Institute for Financial Management and Research, India

	<ul style="list-style-type: none"> • <i>Green NCNU in the Heart of Taiwan</i> Speaker: Dr. Yuhlong Oliver Su, President, National Chi Nan University, Taiwan • <i>Cultivating Green Energy at the Universitas Indonesia Towards Sustainable Campus</i> Speaker: Prof. Dr. Ir. Tommy Ilyas, M.Eng., Representative of Rector, University of Indonesia, Indonesia
11:35 AM - 12:15 PM	<p>Panel Session 2 Session 2 : Issues and Innovation in Managing Setting and Infrastructure</p> <p>Chair : Asst. Prof. Dr. Seda Cengiz, Head of Environmental Problems Application and Research Center, Bulent Ecevit University, Turkey</p> <p>Speakers:</p> <ul style="list-style-type: none"> • <i>Challenges in Transformation into Green and Sustainable Campus: Ump Experience</i> Professor Dato' Dr Daing Nasir, Vice Chancellor, Universiti Malaysia Pahang, Malaysia • <i>SUT as a Green and Clean University</i> Professor Dr. Prasart Suebka, Rector, Suranaree University of Technology, Thailand • <i>The Green Road of the University of Zanjan to Sustainable Development</i> Prof. Bahram Maleki, Representative of President, University of Zanjan, Iran • <i>Multidisciplinary Actions as an Instrument of Sustainable Development</i> Prof. Marcelo Bregagnoli, Rector, Instituto Federal de Educação, Ciência e Tecnologia do Sul de Minas, Brazil
12:20 PM - 12:40 PM	<p>Panel Session 3 Session 3 : Issues and Innovation in Managing Transportation</p> <p>Chair : Habib M. Fardoun Director of KAU Center for Academic Standards & Excellence King Abdul Aziz University, Saudi Arabia</p> <p>Speakers:</p> <ul style="list-style-type: none"> • <i>Implementing Green Transportation in University Level: a Case Study from Bogor Agricultural University, Indonesia</i> Dr. Ir. Yusli Wardiatno, M.Sc., Representative of Rector, Bogor Agricultural University, Indonesia • <i>Environmental Management System - Air Program</i> Jenny Andrea Diaz Pulido, Representative of President, Universidad del Rosario, Colombia

12:45 PM – 1:25 PM	<p>Panel Session 4 Session 4 : Issues and Innovation in Managing Water</p> <p>Chair: Mr. Junaidi, M. A. UI GreenMetric Expert Member University of Indonesia, Indonesia</p> <p>Speakers:</p> <ul style="list-style-type: none"> • King Abdulaziz University Strategy for Water Management Dr. Amin Yousef M. Noaman, Vice President for Development, King Abdulaziz University, Saudi Arabia • Programs for Clean, Healthy and Convenient Diponegoro University Campus: a Green-metric Practices Prof. Dr. Ir. Ambariyanto, M.Sc., Rector, Universitas Diponegoro, Indonesia • Sustainable Water Management in Tropical Region Campus: Study Case of Institut Teknologi Sepuluh Nopember Indonesia Prof. Ir. Joni Hermana, M.Sc.ES. Ph.D, Rector, Institut Teknologi Sepuluh, November, Indonesia • Evaluation of Environmental Performance of BAU to facilitate ranking to a higher position among UI GreenMetric List Dr. Noor Al-Kharabsheh, Representative of Rector, Al-Balqa Applied University(BAU) Jordan 	
1:25 PM - 2:25 PM	<p>Networking Lunch Venue: Baltalimani Restaurant</p>	
2:25 PM - 3:05 PM	<p>Parallel Session 1 Session 5 : Issues and Innovation in Managing Waste</p> <p>Chair: Prof. Dr. Yılmaz Yıldırım Bülent Ecevit University Department of Environmental Engineering</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Implementation of the Environmental Management System at the Universidad Nacional de Colombia Jose Herney Ramirez Franco, Representative of Rector, Universidad Nacional de Colombia, Colombia • NPUST Waste Handling Strategy and Program Dr. Chang Hsien Tai, President, National Pingtung University of Science and Technology (NPUST), Taiwan • The Road Map of Jordan University of Science and Technology Towards Sustainability Dr. Jamal Abu-Ashour, Representative of Rector, Jordan University of Science & Technology 	<p>Parallel Session 2 Session 6 : Implementing Policy into Action : Regional Experience</p> <p>Chair : Dr. Hadiyanto TaskForce Undip Ranking Universitas Diponegoro, Indonesia</p> <p>Speakers:</p> <ul style="list-style-type: none"> • AgriTech Hub - center of innovations in sustainable campus development Tlektes Yespolov, Rector, Kazakh National Agrarian University, Kazakhstan • University of Sao Paulo Environmental Policies: Challenges and Achievements Prof. Patricia Iglecias, Representative of President, USP - University of Sao Paulo, Brazil • Sustainability of the University - Environmental Responsibility of the Students: Experience of the RUDN-University Dr.Sc. Econ, Margarita Redina Representative of Rector, Peoples' Friendship University of Russia (RUDN - University)

3:15 PM - 3:55 PM	<p>Panel Session 5 Session 7 : Issues and Innovation in Managing Education</p> <p>Chair : Dr. Aigerim Shilibekova First Vice Rector for Strategic Development and International Cooperation Atyrau State University, Kazakhstan</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Developing Partnership in Integrating Green and Sustainability with Education, Research, Community Aids and Student Orientation Activities Prof. Okid Parama Astirin, Representative of Rector, Universitas Sebelas Maret, Indonesia • Raising Awareness and Good Conducts to Build a Conservation University with International Reputation Prof. Dr. Fathur Rokhman, M.Hum, Rector, Universitas Negeri Semarang, Indonesia • UMS EcoCampus: Transforming Ideas Into Reality Assoc. Prof. Dr. How Siew Eng, Representative of Rector, Universiti Malaysia Sabah, Malaysia • On the Road to Green Campus-Experience of Da-Yeh University Dr. Yi-Ching Che, Representative of President, Da-Yeh University, Taiwan
3:55 PM - 4:15 PM	<p>Closing Remarks</p> <ul style="list-style-type: none"> • Bulent Elcevit and Istanbul University Prof. Dr. Ir. Riri Fitri Sari, Chairperson of UI GreenMetric
5:00 PM - 7:00 PM	Boat Tour of the Bosphorus
7:30 PM - 9:00 PM	Dinner Venue: Baltalimam Restaurant
9:00 PM	Transfer to Hotel

參、心得與建議

在人類社會與文明發展過程裡，高等教育(higher education)正扮演著十分關鍵的角色，「綠色大學」(green university)一詞意指大學校院應秉持「永續發展」的概念進行校內的各類活動，亦代表高等教育對於人類社會發展所負的重要責任。最近二十年間，全世界各大學積極推動學校的「綠色化」(greening)工作，並結合成各項聯盟，推動相關的工程、行政管理與教育的工作，為的就是創造一個可持續發展的明天，培養具有環境責任的公民。

國人的環境行為與環境教育，因升學導向，使得環境教育重要性、服從性下降，到了大學的階段環境教育成果正式歸零，對於國人的環境行為與環境教育的問題，希望相關單位能多重視在這個部分的問題。

附錄

活動紀錄照片

照片	活動說明
	4月9日參與人員全體合照
	4月9日主辦單位人員全體合照