

# DAY 1: September 13, 2016

大會主場：多功能會議廳

時 間	議 程
8.30–9.00	報到及領取資料
9.00–10.00	<b>開幕式:</b> <ul style="list-style-type: none"> <li>• 貴賓致詞</li> <li>• 介紹國外組織代表</li> <li>• 部長親自頒發謝函</li> </ul>
10.00–10.50	<b>建立台灣濕地國際合作平臺:</b> <ul style="list-style-type: none"> <li>• 與 SWS、WWF-Hong Kong 簽濕地保育 RSPA 合作備忘錄</li> <li>• 國內部會機關簽訂濕地合作協議</li> <li>• 大合照</li> </ul>
10.50–11.10	休息/茶點
11.10–11.50	引言人：張長義教授 國立臺灣大學地理環境資源學系名譽教授 <b>專題演講：濕地生態表現與標準方法</b> <b>Ecological Performance Standards in Wetlands</b> <b>演講者：Dr. James E. Perry</b> 國際濕地科學家學會 SWS 總會會長(2014-2015) 美國威廉與瑪麗學院海洋科學系教授
11.50–12.30	引言人：陳章波教授 臺灣濕地學會監事長、中央研究院榮譽退休研究員 <b>專題演講：台灣濕地保育法為濕地復育開啟新頁</b> <b>Restoration of Wetlands in light of Taiwan's Wetland Conservation Act (2013)</b> <b>演講者：Dr. Marinus L. Otte</b> Wetlands(SCI)期刊總編輯 美國北達克達州立大學生物科學系教授
12.30–13.30	午餐時間
13.30–17.30	<b>分組座談：學術/實務成果發表及國內外經驗交流</b> (內容詳各分組座談議程)

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分組 A：608 會議室

分組 A	濕地在國土計畫中的定位 與調適	主持部會：內政部營建署 主持人：台灣濕地學會 郭瓊瑩 教授
13.30-14.10	<b>專題演講：遙感監測應用於全球及中國大陸濕地生態環境</b> <b>Remote Sensing Monitoring of Global and China's Ecosystem and Environment</b> <b>演講者：陳克林主任 Prof. Kelin Chen</b> 濕地國際中國辦事處（Wetland International-China）主任	
14.10-14.30	<b>論文發表 I</b> 陳鵬升、齊士崢，重要濕地在國土功能分區劃設之研究	
14.30-14.50	<b>論文發表 II</b> 郭瓊瑩、林雅瑄、張順發、林計妙，溪流守護平台優先之溪流廊道明智管理-以臺灣陽明山國家公園雙溪與大屯溪示範規劃為例	
14.50-15.10	休息/茶點	
15.10-15.50	<b>專題演講：都市及邊際土地利用計畫:拉姆薩濕地中的東加爾各答 (East Kolkata Wetland) 案例經驗分享</b> <b>Planning Land Use on the Edge of the Cities: Lessons from the East Kolkata Wetlands</b> <b>演講者：Dr. Dhruvajyoti Ghosh</b> 國際自然保護聯盟 IUCN 生態管理委員會南亞分會主席(2014)，現任國際自然保護聯盟 IUCN 生態系統管理委員會農業生態系統特別顧問	
15.50-16.10	<b>論文發表 III</b> 安啟龍、楊育誠，多元利益相關者下農村重建的有效土地利用規劃：以台灣七股鹽田濕地為例	
16.10-16.30	<b>論文發表 IV</b> 王筱雯、郭品含，整合科學研究與公民參與於濕地保育利用計畫	
16.30-16.50	<b>論文發表 V</b> 陳宣汶、林幸助，海岸濕地的生態乘載量與生態系服務：以水產養殖為例	
16.50-17.30	<b>綜合討論：擬具重要議題與後續行動</b> 與談人：營建署署長、城鄉發展分署分署長、陳克林主任、Dr. Dhruvajyoti Ghosh、論文發表者	

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分組 B：607 會議室

分組 B	河/海/濕地之水資源及 防洪管理	主持部會：經濟部水利署 主持人：國立台灣大學水工試驗所 施上粟教授
13.30-14.10	<b>專題演講：保護和調節美國馬薩諸塞州濕地 - 國家第一案例研究</b> <b>Protecting and Regulating Wetlands in Massachusetts, USA – A First-in-the-Nation Case Study</b> <b>演講者：Ms. Gillian Davies</b> 國際濕地科學家學會 SWS 總會會長(2016-2017) 美國 BSC 公司資深生態科學家	
14.10-14.30	<b>論文發表 I</b> 蘇惠珍、郭柏毅、曾鈺茹，應用生態模式建置生態養殖魚塭系統	
14.30-14.50	<b>論文發表 II</b> 陳坤能、翁義聰、曹俊文、鄧伯齡、陳明志、許榮庭，台灣濁水溪口魚類、甲殼類及底棲動物豐度和組成之季節變化	
14.50-15.10	休息/茶點	
15.10-15.50	<b>專題演講：整合流域、海岸、濕地系統之水資源網絡系統</b> <b>演講者：李鴻源教授</b> 前內政部部長/國立台灣大學土木工程系水利組教授	
15.50-16.10	<b>論文發表 III</b> 李永展、許晉誌、施上粟、陳章波、謝蕙蓮，多功能流域濕地生態之跨領域規劃策略-以內溝溪為例	
16.10-16.30	<b>論文發表 IV</b> 莊文南，荖濃溪河川環境營造規劃(寶來至興輝大橋河段)	
16.30-16.50	<b>論文發表 V</b> 莊明德、施上粟，景觀生態學應用於河川環境規劃之先趨研究-以水利構造物空間佈設為例	
16.50-17.30	<b>綜合討論：擬具重要議題與後續行動</b> 與談人：水利署署長、Ms. Gillian Davies、李鴻源教授、論文發表者	

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分組 C：606 會議室

分組 C	里山倡議與濕地產業再生	主持部會：行政院農委會林務局 主持人：財團法人農業工程研究中心 譚智宏組長
13.30-14.10	<b>專題演講：水田-人工和暫存的濕地 Paddy fields as Artificial and Temporal Wetland</b> <b>演講者：渡邊紹裕 教授 Dr. Tsugihiko Watannabe</b> 水田與水環境國際學術組織(PAWEES)主席 日本京都大學國際環境學院教授	
14.10-14.30	<b>論文發表 I</b> 陳章瑞，基於《里山倡議》的谷津田里山景觀復甦與永續農村旅遊發展途徑初探—以臺灣桃園台地三坑子地區為例	
14.30-14.50	<b>論文發表 II</b> 方韻如、林紋翠、劉恩豪，生態系服務給付在私有水田保育合作的應用--貢寮和禾水梯田受脅物種及水資源保育計畫	
14.50-15.10	休息/茶點	
15.10-15.50	<b>專題演講：台灣推動里山倡議的策略架構與實踐案例</b> <b>演講者：李光中教授</b> 國立東華大學自然資源與環境學系教授	
15.50-16.10	<b>論文發表 III</b> 王一匡、李昶誠、黃光瀛、蔡金助，對水鳥友善養殖池水位操作效益的實驗證據	
16.10-16.30	<b>論文發表 IV</b> 黃守忠、陳佳宜，棲息於水田魚塢等私有地的渡冬水鳥：水鳥棲地的經營管理之挑戰	
16.30-16.50	<b>論文發表 V</b> 陳榮宗、蘇慕容，農田水域友善耕作輔導-綠色保育標章	
16.50-17.30	<b>綜合討論：擬具重要議題與後續行動</b> 與談人：林務局局長、Dr. Tsugihiko Watannabe、李光中教授、論文發表者	

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分組 D：605 會議室

分組 D	濕地環境教育	主持部會：行政院環保署 主持人：臺灣師範大學環境教育 研究所 方偉達教授
13.30-14.10	<b>專題演講：兒童拉姆薩濕地交流計畫：亞洲兒童和少年永續發展教育背後的驅動力量</b> <b>KODOMO RAMSAR Wetlands Exchange Programme: A Driving Force behind ESD for Children and the Youth in Asia</b> <b>演講者：中村玲子 Ms. Reiko Nakamura</b> 拉姆薩聯盟日本分部(RCJ)主任	
14.10-14.30	<b>論文發表 I</b> 吳思儒、謝蕙蓮、陳章波、方偉達，科學與藝術的對話:建構流域學習之典範轉移	
14.30-14.50	<b>論文發表 II</b> 胡正恆、林子晴、陳芬蕙，田園將蕪？北臺灣林下濕地的鳥獸多樣性	
14.50-15.10	休息/茶點	
15.10-15.50	<b>專題演講：濕地環境教育國際視野與思維</b> <b>演講者：汪靜明教授</b> 國立臺灣師範大學環境教育研究所教授	
15.50-16.10	<b>論文發表 III</b> 方偉達，校園濕地環境認同的社會科學分析	
16.10-16.30	<b>論文發表 IV</b> 李文珍，社會參與和公私協力夥伴關係之實踐與探究--以水雉生態教育園區為例	
16.30-16.50	<b>論文發表 V</b> 陳子英、洪宗泰、蘇夢淮、曾彥學、王志強，以線性規劃法來進行台灣重要森林濕地在保育上的選擇	
16.50-17.30	<b>綜合討論：擬具重要議題與後續行動</b> 與談人: 環保署署長、中村玲子、汪靜明教授、論文發表者	

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分組 E：604 會議室

分組 E	濕地 NGO/NPO 所扮演之角色與實務操作	主持單位：荒野保護協會 主持人：中華鳥會 余維道理事
13.30-14.10	<b>專題演講：沖繩紅樹林濕地功能及生態旅遊管理 Mangrove Wetland Management and its Function in Ecotourism in Okinawa</b> <b>演講者：新垣裕治 教授 Dr. Yuji Arakaki</b> 日本沖繩名櫻大學國際學群觀光產業專攻教授	
14.10-14.30	<b>論文發表 I</b> 陳仕泓、何麗萍、吳金玲，企業與台北鳥會關渡自然公園管理處合作現況分析	
14.30-14.50	<b>論文發表 II</b> 吳自強、趙芝良、蔡志忠、葉美智，非營利組織在溼地保育中的公民參與和實作	
14.50-15.10	休息/茶點	
15.10-15.50	<b>專題演講：十年磨一劍-談濕地民間組織之濕地在地經營</b> <b>演講者：邱銘源副執行長</b> 財團法人台灣生態工法發展基金會	
15.50-16.10	<b>論文發表 III</b> 謝宜臻、林鴻銓，研析洲仔濕地復育之經驗	
16.10-16.30	<b>論文發表 IV</b> 楊鈞弼，社區培力、共管機制與社區自主經營管理	
16.30-16.50	<b>論文發表 V</b> 蔡重仁、莊孟憲，東源濕地——一個原住民社區參與國家重要濕地行動保育計畫的例子	
16.50-17.30	<b>綜合討論：擬具重要議題與後續行動</b> 與談人：新垣裕治、邱銘源副執行長、賴榮孝前理事長、林幸助理事長、蔡世鵬理事長、謝宜榛常務理事...等及論文發表者	

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大會主場：多功能會議廳

時 間	議 程
9.00-9.30	報到
9.30-10.10	<p>主持人:葉欣誠 所長 國立臺灣師範大學環境教育研究所教授兼所長</p> <p>專題演講：恢復河流的環境流量：WWF 的視角與實踐 <b>Restoring the River Flows - WWF Perspectives and Practices</b></p> <p>演講者：李利鋒 博士 Dr. Lifeng Li</p> <p>世界自然基金會總部(WWF)淡水項目總監</p>
10.10-10.50	<p>主持人：林俊全教授 國立臺灣大學地理學系教授</p> <p>專題演講：促進濕地資源管理利益相關者參與和決策工具 <b>Tools to Facilitate Stakeholder Involvement and Decision Making in Wetland Resource Management</b></p> <p>演講者：Dr. Jos Verhoeven</p> <p>國際生態學會濕地委員會 INTECOL-WWG 聯合主席 荷蘭烏特列支大學生物學系教授</p>
10.50-11.10	休息/茶點
11.10-11.50	<p>主持人：周儒教授 國立臺灣師範大學環境教育研究所教授</p> <p>專題演講：有效溝通和利益相關者參與策略 <b>Effective Communication and Stakeholder Engagement Strategies</b></p> <p>演講者：Dr. Ben LePage</p> <p>國際濕地科學家學會 SWS 總會會長(2011-2012) 美國 PG&amp;E 資深濕地復育經理</p>
11.50-12.30	綜合與談 (主持人與演講者一同上臺與觀眾交流對談)
12.30-13.30	午餐時間
13.30-16.30	<p>分組座談：學術/實務成果發表及國內外經驗交流</p> <p>(內容詳各分組座談議程)</p>
16.30-17.30	<p>閉幕式</p> <ul style="list-style-type: none"> <li>四大分組共同發表 2016 濕地大會宣言</li> <li>宣告下一屆濕地大會或重要行動</li> </ul>

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分組 A：608 會議室

分組 A	濕地在國土計畫中的定位與調適	主持部會：內政部營建署 主持人：台灣濕地學會 郭瓊瑩教授
13.30-14.10	<b>專題演講：香港米埔濕地的管理</b> <b>Management of Mai Po Wetlands of Hong Kong</b> <b>演講者：文賢繼 博士 Dr. Xianji Wen</b> 世界自然基金會(WWF)香港分會華南濕地保育經理	
14.10-14.30	<b>論文發表 I</b> 于錫亮、朱盈蓀，觀光發展對島嶼濕地環境影響之研究	
14.30-14.50	<b>論文發表 II</b> 蔡厚男，金門雙鯉-慈湖海岸濕地的自然文史變遷和未來想像	
14.50-15.10	休息/茶點	
15.10-15.30	<b>論文發表 III</b> 林惠真、林韋齊，高美濕地的困境 - 十年間的變遷	
15.30-15.50	<b>論文發表 IV</b> 賴宜鈴、陳依盈、林藜臻、郭耀綸，南仁湖濕地在一個外來種入侵後 12 年的物種組成變化	
15.50-16.10	<b>論文發表 V</b> 李麗雪，生態美學應用於海岸濕地保護	
16.10-16.30	<b>綜合討論：擬具重要議題與後續行動</b> 與談人：營建署署長、城鄉發展分署分署長、文賢繼博士、論文發表者	
16.30-17.30	<b>返回大會主場</b>	



## DAY 2: September 14, 2016

分組 B：607 會議室

分組 B	河/海/濕地之水資源 及防洪管理	主持部會：經濟部水利署 主持人：成功大學水利及海洋工 程系 王筱雯教授
13.30-14.10	<b>專題演講：從國際觀點分析濕地治理</b> <b>Analyzing Wetland Governance : International Perspectives</b> <b>演講者：Dr. Machiel Lamers</b> 荷蘭瓦赫寧恩大學(Wageningen University)社會科學系環境政策組副教授	
14.10-14.30	<b>論文發表 I</b> 陳德容、黃偉茹，「明智利用」曾文溪口濕地—以友善環境養殖推廣計畫為例	
14.30-14.50	<b>論文發表 II</b> 邱郁文、吳欣儒、蘇俊育，金門慈湖—生態的庇護所、里海的搖籃	
14.50-15.10	休息/茶點	
15.10-15.30	<b>論文發表 III</b> 林克韋、莊明德，鰲溪復育規劃	
15.30-15.50	<b>論文發表 IV</b> 吳加雄、楊平世，臺北市黃緣螢棲地復育實例	
15.50-16.10	<b>論文發表 V</b> 陳亮憲、郭瓊瑩、宋明儒、李嘉鑫、陳柏任、華健宇，北海岸(陽明山國家公園)溪流物理構造物影響溪流廊道調查	
16.10-16.30	<b>綜合討論：擬具重要議題與後續行動</b> 與談人：水利署署長、Dr. Machiel Lamers、論文發表者	
16.30-17.30	<b>返回大會主場</b>	

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分組 C：606 會議室

分組 C	里山倡議與濕地產業再生	主持部會：行政院農委會林務局 主持人：國立中興大學生命科學系 林幸助教授
13.30-14.10	<b>專題演講：紅樹林保護在復育之際的生態學家管理夥伴關係</b> <b>The Ecologist-manager Partnership for Mangrove Conservation in the Era of Restoration</b> <b>演講者：李成業 教授 Dr. Shing Yip (Joe) Lee</b> 國際自然保護聯盟紅樹林專家委員會聯合主席 澳洲葛里菲斯大學環境學院教授	
14.10-14.30	<b>論文發表 I</b> 林幸助，疏伐是否能提升紅樹林生態系服務?	
14.30-14.50	<b>論文發表 II</b> 施上粟、陳章波、黃守忠、黃國文、謝蕙蓮，根基於地景區塊之溼地經營管理策略-以挖仔尾紅樹林為例	
14.50-15.10	休息/茶點	
15.10-15.30	<b>論文發表 III</b> 任秀慧，紅樹林金屬污染物累積對底泥污染去除之生態效益：以淡水河紅樹林濕地為例	
15.30-15.50	<b>論文發表 IV</b> 胡明哲、劉泰億、林幸助，紅樹林生態系統的管理模式之建立	
15.50-16.10	<b>論文發表 V</b> 趙芝良、洪貝旬、陳瑋苓，珍視自然：使用者偏好管理，生態系統服務與決策	
16.10-16.30	<b>綜合討論：擬具重要議題與後續行動</b> 與談人：林務局局長、Dr. Shing Yip (Joe) Lee、論文發表者	
16.30-17.30	<b>返回大會主場</b>	

## DAY 2: September 14, 2016

分組 D：605 會議室

分組 D	人工濕地永續性操作	主持部會：行政院環保署 主持人：嘉南藥理大學環境永續學院 荊樹人教授
13.30-14.10	<b>專題演講：人工濕地水柳植被管理 The Efficacy of Herbicides for Controlling Willow Encroachment and Projections of Willow Regrowth</b> <b>演講者：Ms. Kimberli J. Ponzio</b> 國際濕地科學家學會 SWS 總會會長(2015-2016) 美國佛羅里達州政府聖約翰河川管理區環境科學家	
14.10-14.30	<b>論文發表 I</b> 楊磊、袁中新、蔡承斌、鄭凱云、許書瑀、林幸助，鹹水型紅樹林人工濕地與自然紅樹林海岸濕地碳匯效之比較分析研究	
14.30-14.50	<b>論文發表 II</b> 任秀慧、黃科溥、林幸助，探討人工濕地中魚類對大型底棲動物群落結構的影響	
14.50-15.10	休息/茶點	
15.10-15.30	<b>論文發表 III</b> 黃榮振、周川琪、劉芳、俞波，為沙漠地區生態濕地設計人工濕地以去除溪流汙染	
15.30-15.50	<b>論文發表 IV</b> 蕭友晉、M. R. Burchell、K. Krauss、S. W. Broome、F. Birgand，海岸人工濕地的碳吸存與淨溫室效應潛勢評估	
15.50-16.10	<b>論文發表 V</b> 施上粟、曾芸琦、李鴻源、Marinus L. Otte、李孟穎、方偉達，運用追蹤劑測試人工埤塘濕地水力效率改善之分析	
16.10-16.30	<b>綜合討論：擬具重要議題與後續行動</b> 與談人：環保署署長、Ms. Kimberli J. Ponzio、論文發表者	
16.30-17.30	<b>返回大會主場</b>	

# DAY 1: September 13, 2016

Venue: Multipurpose auditorium

Time	Details
8.30–9.00	Conference registration
9.00–10.00	<b>Opening ceremony, opening remarks from honored guests, introduction to representatives of organizations from abroad, presentation of letters of appreciation by the minister</b>
10.00–10.50	<b>Paving the way for an international wetland conservation cooperation platform:</b> <ul style="list-style-type: none"><li>• Signing of a Regional Strategic Program of Action (RSPA) Memorandum of Understanding with SWS and WWF-Hong Kong</li><li>• Signing of a wetland conservation cooperation agreement by Taiwanese government agencies</li><li>• Group photo</li></ul>
10.50–11.10	Coffee break
11.10–11.50	<b>Moderator: Professor Emeritus Chang-Yi Chang, Department of Geography, National Taiwan University</b> <b>Keynote speech: Ecological Performance Standards in Wetlands</b> <b>Dr. James E. Perry</b> <b>Former president, The Society of Wetland Scientists (SWS) (2014-2015)/Professor of Marine Science, College of William and Mary</b>
11.50–12.30	<b>Moderator: Prof. Chang-Po Chen, Supervisor, Taiwan Wetland Society, Research Fellow Emeritus, Academia Sinica</b> <b>Keynote speech: Restoration of Wetlands in Light of Taiwan's Wetland Conservation Act (2013)</b> <b>Dr. Marinus L. Otte</b> <b>Editor-in-chief, Wetlands/Professor of Biological Sciences, North Dakota State University</b>
12.30–13.30	Lunch
13.30–15.30	<b>Group discussions: presentation of academic research and practical results, experience in Taiwan and abroad.</b>

# DAY 1: September 13, 2016

## Parallel session A: Room 608

Parallel session A	Positioning and Management of Wetlands in National Land Use Planning	Host body: Construction and Planning Agency, Ministry of the Interior Chair: Prof. Monica Kuo, Taiwan Wetland Society
13.30–14.10	<b>Keynote speech: Remote Sensing Monitoring of Global and China's Ecosystem and Environment</b> Prof. Kelin Chen, Director of China Office, Wetland International	
14.10–14.30	<b>Paper presentation session I</b> Perng-Sheng Chen and Shyh-Jeng Chyi, THE STUDY OF DEMARCATING FUNCTIONAL ZONES ON WETLANDS OF IMPORTANCE IN NATIONAL SPATIAL PLAN	
14.30–14.50	<b>Paper presentation session II</b> Monica Kuo · Mao-Chun Chen · Ya-Shian Lin · Shun-Fa Chang · Ji-Miao Lin, CO-WATCH NETWORK PRIORITIZATION FOR A SMARTER RIVER CORRIDOR MANAGEMENT—A PILOT PROJECT FOR SWAN-SHI AND TA-TUN RIVER, YANGMINGSHAN NATIONAL PARK, TAIWAN	
14.50–15.10	<b>Coffee break</b>	
15.10–15.50	<b>Keynote speech: Urban and Marginal Land Use Project: The Case of East Kolkata Wetland, a Ramsar Site</b> Dr. Dhrubajyoti Ghosh, Special Advisor (Agricultural Ecosystems), Commission on Ecosystem Management, International Union on Conservation of Nature (IUCN)/Former Regional Chair for South-Asia, Commission on Ecosystem Management, IUCN (2014)	
15.50–16.10	<b>Paper presentation session III</b> Daniel A. Asher and Yu-chen Yang, EFFECTIVE LAND USE PLANNING & ACTION FOR RURAL RESTORATION & REGENERATION VIA MULTI-STAKEHOLDER ENGAGEMENT: TAIWAN'S QIGU SALT PAN WETLANDS CASE	
16.10–16.30	<b>Paper presentation session IV</b> Hsiao-Wen Wang and Pin-Han Kuo, COMBINING SCIENCE AND STAKEHOLDER INVOLVEMET FOR CONSERVATION AND UTILIZATION PLAN OF BUDAI SALT PAN WETLAND AND HAOMEILIAO WETLAND	
16.30–16.50	<b>Paper presentation session V</b> Hsuan-Wien Chen and Hsing-Juh Lin, CARRY CAPACITY AND ECOSYSTEM SERVICES OF THE COASTAL WETLAND: AN AQUACULTURE CASE	
16.50–17.30	<b>General discussion: drafting main topics and follow-up action</b> Panelists: Director-General of the Construction and Planning Agency, Director of the Urban and Rural Development Branch, Prof. Kelin Chen, Dr. Dhrubajyoti Ghosh, paper presenters	

# DAY 1: September 13, 2016

## Parallel session B: Room 607

Parallel session B	Floor Prevention Management for Rivers, Oceans & Wetlands	Host body: Water Resources Agency, Ministry of Economic Affairs Chair: Prof. Shang-Shu Shih, Hydrotech Research Institute, National Taiwan University
13.30–14.10	<b>Keynote speech: Protecting and Regulating Wetlands in Massachusetts, USA—A First-in-the-Nation Case Study</b> Ms. Gillian Davies, President of the Society of Wetland Scientists (2016–2017)/Senior Wetland Scientist at BSC Group, Inc.	
14.10–14.30	<b>Paper presentation session I</b> Hui-Chen Su, Po-Yi Kuo and Yu-Ru Zheng, ESTABLISHMENT OF ECO FISH FARMS USING ECOLOGICAL MODELS	
14.30–14.50	<b>Paper presentation session II</b> Kun-Neng Chen, Ming-Jih Chen, Chun-Wen Tsao, Jung-Ting Hsu, Po-Ling Deng and Yih-tsong Ueng, SEASONAL CHANGES IN THE ABUNDANCE AND COMPOSITION OF FISH, CRUSTACEANS, AND BENTHOS IN THE JHUOSHUEI ESTUARY OF WESTERN TAIWAN	
14.50–15.10	<b>Coffee break</b>	
15.10–15.50	<b>Keynote speech: Global Climate Change –Integration, Coherence and Governance(Taiwan Experience)</b> Prof. Hong-Yuan Lee, Former Minister of the Interior Professor of department of Civil Engineering, National Taiwan University, Taiwan	
15.50–16.10	<b>Paper presentation session III</b> Yung-Jaan Lee, Chin-Chih Hsu, Shang-Shu Shih, Chang-Po Chen and Hwey-Lian Hsieh, PLANNING STRATEGIES OF MULTI-FUNCTIONAL RIVER BASINS AND WETLAND ECOLOGIES ACROSS MULTIPLE AREAS : A CASE OF NEIGOU RIVER BASIN	
16.10–16.30	<b>Paper presentation session IV</b> Wen-Nan Zhuang, THE REPORT OF ENVIRONMENTAL REHABILITATION AND LANDSCAPE PLANNING OF THE LAONUNG RIVER(BAOLAI TO SINGHUEI BRIDGE REACHES )	
16.30–16.50	<b>Paper presentation session V</b> Ming-De Chuang and Shnag-Shu Shih, PILOT STUDY OF INTEGRATING A RIVER ENVIRONMENTAL PALN BY APPLYING THE CONCEPT OF LANDSCAPE ECOLOGY - A CASE STUDY OF THE ALLOCATION OF HYDRAULIC STRUCTURES	
16.50–17.30	<b>General Discussion: drafting main topics and follow-up action</b> Panelists: Director-General of the Water Resources Agency, Ms. Gillian Davies, Prof. Hong-Yuan Lee, paper presenters	

# DAY 1: September 13, 2016

## Parallel session C: Room 606

Parallel session C	Satoyama Initiative and the Rebirth of Wetland Services	Host body: Forestry Bureau, Council of Agriculture, Executive Yuan Chair: Chih-Hung Tan, division head, the Agricultural Engineering Research Center
13.30–14.10	<b>Keynote speech: Paddy fields as artificial and temporal wetland</b> Dr. Tsugihiko Watanabe, President, the International Society of Paddy and Water Environment Engineering (PAWEES)/Professor, University of Kyoto	
14.10–14.30	<b>Paper presentation session I</b> Chang-Jui Chen, SATOYAMA INITIATIVE APPROACHES FOR REVIVING YATSUDA SATOYAMA LANDSCAPE AND DEVELOPING SUSTAINABLE RURAL TOURISM : CASE STUDY OF LUNG TAN SANKENG AREA IN TAOYUAN TERRANCE, TAIWAN	
14.30–14.50	<b>Paper presentation session II</b> Yun-Ju Fang, Wen-Tsui Lin and En-Hao Liou, AN APPLICATION OF "PAYMENTS FOR ECOSYSTEM SERVICES" FOR THREATENED HABITAT CONSERVATION IN PRIVATE WETLAND: THE CASE OF "GONGLIAO-HOHO-TERRACED-PADDY-FIELDS"	
14.50–15.10	<b>Coffee break</b>	
15.10–15.50	<b>Keynote speech: Taiwan's Strategy of Promoting the Satoyama Initiative and Case Studies</b> Prof. Kuang-Chung Lee, Department of Natural Resources and Environmental Studies, National Dong Hwa University	
15.50–16.10	<b>Paper presentation session III</b> Yi-Kuang Wang, Chan-Chen Li, Kuang-Yin Hung and Chin-Chu Tsai, EXPERIMENTAL EVIDENCE OF BENEFITS OF BIRD-FRIENDLY WATER-LEVEL OPERATION OF AQUACULTURAL PONDS	
16.10–16.30	<b>Paper presentation session IV</b> Shou-Chung Huang and Chia-Yi Chen, PRIVATE FARM LANDS UTILIZED BY WINTERING WATERBIRD: THE CHALLENGES OF MANAGING WATERBIRD HABITATS IN TAIWAN	
16.30–16.50	<b>Paper presentation session V</b> Rung-Tsung Chen and Muh-Rong Su, THE COUNSELING OF FRIENDLY FARMING ON WETLANDS ENVIRONMENT-RELATED FARMLAND, GREEN CONSERVATION LABEL	
16.50–17.30	<b>General Discussion: drafting main topics and follow-up action</b> Panelists: Director-General of the Forestry Bureau, Dr. Tsugihiko Watanabe, Prof. Kuang-Chung Lee, paper presenters	

# DAY 1: September 13, 2016

## Parallel session D: Room 605

Parallel session D	Wetlands Environmental Education	Host body: Environmental Protection Administration, Executive Yuan Chair: Prof. Wei-Ta Fang, Graduate Institute of Environmental Education, National Taiwan Normal University
13.30–14.10	<b>Keynote speech: KODOMO RAMSAR Wetlands Exchange Programme: A Driving Force Behind ESD for Children and the Youth in Asia</b> Ms. Reiko Nakamura, Secretary-General, Ramsar Center Japan (RCJ)	
14.10–14.30	<b>Paper presentation session I</b> Szu-Ju Wu, Hwey-Lian Hsieh, Chang-Po Chen and Wei-Ta Fang, DIALOGUE BETWEEN SCIENCE AND ART: CONSTRUCTING A PARADIGM SHIFT IN BASIN LEARNING	
14.30–14.50	<b>Paper presentation session II</b> Cheng-Heng Hu, Tzu-Ching Lin and Fen-Hui Chen, BIRD AND MAMMAL DIVERSITY OF UNDERSTORY WETLAND IN NORTH TAIWAN	
14.50–15.10	<b>Coffee break</b>	
15.10–15.50	<b>Keynote speech: An International Perspective on Wetlands Environmental Education</b> Prof. Ching-Ming Wang, Graduate Institute of Environmental Education, National Taiwan Normal University	
15.50–16.10	<b>Paper presentation session III</b> Wei-Ta Fang, CONSTRUCTED WETLAND MANAGEMENT ON CAMPUS: A SOCIAL-SCIENCE ANALYSIS	
16.10–16.30	<b>Paper presentation session IV</b> Wen-Chen Lee, TO PRACTICE AND EXPLORE IN SOCIAL PARTICIPATION AND PUBLIC-PRIVATE PARTNERSHIPS OF SYNERGIES-AN EXAMPLE IN JACANA ECOLOGICAL EDUCATION PARK	
16.30–16.50	<b>Paper presentation session V</b> Tze-Ying Chen and Tzung-Tai Hung, Mong-Huai Su, Yen-Hsueh Tseng and Chih-Chiang Wang, DIVERSITY AND CONSERVATION ASSESSMENT OF FOREST WETLANDS IN TAIWAN - A CASE STUDY OF 76 WETLANDS	
16.50–17.30	<b>General Discussion: drafting main topics and follow-up action</b> Panelists: Minister of the Environmental Protection Administration, Ms. Reiko Nakamura, Prof. Ching-Ming Wang, paper presenters	



# DAY 1: September 13, 2016

## Parallel session E: Room 604

Parallel session E	The Role and Practices of Wetland NGOs & NPOs	Host body: The Society of Wilderness Chair: Victor Yu, Chinese Wild Bird Federation
13.30–14.10	<b>Keynote speech: Mangrove Wetland Management and Its Function in Ecotourism in Okinawa</b> Dr. Yuji Arakaki, Department of Tourism, Faculty of International Studies, Meio University, Okinawa, Japan	
14.10–14.30	<b>Paper presentation session I</b> Chen Shih-Hung, Ho Li-Ping and Wu Chin-Ling, THE CURRENT STATUS ANALYSIS OF THE PARTNERSHIP BETWEEN ENTERPRISES AND THE WBST GUANDU NATURE PARK OFFICE	
14.30–14.50	<b>Paper presentation session II</b> Tzu-Chiang Wu, Chih-Liang Chao, Chih-Chung Tsai and Mei-Chih Yeh, CITIZEN PARTICIPATION AND PRACTICES OF NON-PROFIT ORGANIZATIONS IN WETLAND CONSERVATION	
14.50–15.10	<b>Coffee break</b>	
15.10–15.50	<b>Keynote speech: Jinshan Initiative Local Action for Global Vision</b> Ming-Yuan Chiu, Deputy Chief Executive, Taiwan Ecological Engineering Development Foundation	
15.50–16.10	<b>Paper presentation session III</b> Yi-Jen Shie and Hong Chung Lin, ANALYZING THE REGENERATION OF CHAO-CAI WETLAND AS URBAN WETLAND	
16.10–16.30	<b>Paper presentation session IV</b> Jiun-Bi Yang, COMMUNITY EMPOWERMENT, CO-MANAGED MECHANISM AND INDEPENDENT OPERATION MANAGEMENT	
16.30–16.50	<b>Paper presentation session V</b> Chung-Jen Tsai and Meng-Hsien Chuang, AN EXAMPLE OF “THE ACTION PLAN OF THE NATIONAL IMPORTANT WETLANDS CONSERVATION” WITH INDIGENOUS COMMUNITY IN THE DONGYUAN WETLAND	
16.50–17.30	<b>General Discussion: drafting main topics and follow-up action</b> Panelists: Dr. Yuji Arakaki, Mr. Ming-Yuan Chiu, Mr. Jung-Hsiao Lai, Mr. Hsin-Juh Lin, Mr. Shih-Peng Tsai, Ms. Yi-Chen Hsieh, paper presenters	

## DAY 2: September 14, 2016

Venue: Multipurpose auditorium

Time	Details
9.00-9.30	Conference registration
9.30-10.10	<b>Moderator: Professor Shin-Cheng Yeh, director of the Graduate Institute of Environmental Education, National Taiwan Normal University</b> <b>Keynote speech: Restoring the River Flows - WWF Perspectives and Practices</b> <b>Dr. Lifeng Li, Director, Freshwater, World Wildlife Fund (WWF)</b>
10.10-10.50	<b>Moderator: Professor Jiun-Chuan Lin, Department of Geography, National Taiwan University</b> <b>Keynote speech: Tools to Facilitate Stakeholder Involvement and Decision Making in Wetland Resource Management</b> <b>Dr. Jos Verhoeven, Co-President, INTECOL-WWG/Professor, Utrecht University, The Netherlands</b>
10.50-11.10	Coffee break
11.10-11.50	<b>Moderator: Professor Ju Chou, Department of Environmental Education, National Taiwan Normal University</b> <b>Keynote speech: Effective Communication and Stakeholder Engagement Strategies</b> <b>Dr. Ben LePage, Former president of Society of Wetland Scientists (2011-2012)/PG&amp;E environmental remediation manager</b>
11.50-12.30	General discussions (moderators and speakers responds to questions from the audience)
12.30-13.30	Lunch
13.30-16.30	Group discussions: presentation of academic research and practical results, experience in Taiwan and abroad
16.30-17.30	<b>Closing ceremony</b> <ul style="list-style-type: none"><li>• Joint declaration on wetland conservation by the four groups</li><li>• Announcement of the next wetlands conference or important actions</li></ul>

## DAY 2: September 14, 2016

### Parallel session A: Room 608

Parallel session A	The positioning and management of wetlands in national land administration	Host body: Construction and Planning Agency, Ministry of the Interior Chair: Prof. Monica Kuo, Taiwan Wetland Society
13.30–14.10	<b>Keynote speech: Management of Mai Po Wetlands of Hong Kong</b> Dr. Xianji Wen, Conservation Manager for South China Wetlands, World Wildlife Fund (WWF) Hong Kong	
14.10–14.30	<b>Paper presentation session I</b> Shyi-Liang Yu and Ying-Chien Chu, EVALUATION OF ENVIRONMENTAL EFFECTS ON TOURISM DEVELOPMENT IN ISLAND WETLAND	
14.30–14.50	<b>Paper presentation session II</b> Hou-Nan Tsai, REFLECTION ON THE ONCE AND FUTURE COASTAL WETLAND OF SHUANG LI-CHIHU (雙鯉-慈湖) KINMEN	
14.50–15.10	<b>Coffee break</b>	
15.10–15.30	<b>Paper presentation session III</b> Hui-Chen Lin and Wei-Chi Lin, THE CHALLENGES IN THE MANAGEMENT FOR GAOMEI WETLAND – THE CHANGES IN TEN YEARS	
15.30–15.50	<b>Paper presentation session IV</b> I-Ling Lai, I-Ying Chen, Li-Jhen Lin and Yau-Lun Kuo, A 12-YEAR STUDY OF WETLAND SPECIES COMPOSITION CHANGES AT NANREN LAKE FOLLOWING AN ALIEN SPECIES INVADED	
15.50–16.10	<b>Paper presentation session V</b> Lee-Hsueh Lee, PERSPECTIVES OF ECOLOGICAL AESTHETIC OF CONSERVATION OF COASTAL WETLANDS	
16.10–16.30	<b>General Discussion (in main hall): drafting main topics and follow-up action</b> Panelists: Director-General of the Construction and Planning Agency, Director-General of the Urban and Rural Development Branch, Dr. Xianji Wen, paper presenters	
16.30-17.30	<b>Return to the main auditorium</b>	

## DAY 2: September 14, 2016

### Parallel session B: Room 607

Parallel session B	Flood prevention management for rivers/oceans/wetlands	Host body: Water Resources Agency, Ministry of Economic Affairs Chair: Prof. Hsiao-Wen Wang, Department of Hydraulic and Ocean Engineering, National Cheng Kung University
13.30–14.10	<b>Keynote speech: Analyzing Wetland Governance: International Perspectives</b> Dr. Machiel Lamers, Environmental Policy Group of Wageningen University, The Netherlands	
14.10–14.30	<b>Paper presentation session I</b> De-Jung Chen and Wei-Ju Huang, 'WISE-USE' IN THE ZENGWEN ESTUARY WETLANDS—THE CASE OF ENVIRONMENT-FRIENDLY AQUACULTURE PROMOTION PROJECT	
14.30–14.50	<b>Paper presentation session II</b> Yuh-Wen Chiu, Hsin-Ju Wu and Chun-Yu Su, CIH LAKE WETLAND -ECOLOGICAL SHELTERING AND THE CRADLE OF SATOUMI IN KIMMEN	
14.50–15.10	<b>Coffee break</b>	
15.10–15.30	<b>Paper presentation session III</b> Kowei Lin and Mingde Chuang, BEI RIVER RESTORATION PLANNING	
15.30–15.50	<b>Paper presentation session IV</b> Chiahsiung Wu and Pingshih Yang, HABITAT RESTORATION OF THE AQUATIC FIREFLY, AQUATICA FICTA (Olivier, 1909) IN TAIPEI CITY, TAIWAN	
15.50–16.10	<b>Paper presentation session V</b> Liang-Hsien Chen, Monica Kuo, Ming-Ru Song, Jia-Hsin Li, Bo-Ren Chen and Jian- Yu Hua, EVIDENCE OF HUMAN DISTURBANCES ON HABITAT CONNECTIVITY FOR STREAM IN YANGMINGSHAN NATIONAL PARK, NORTHERN COAST OF TAIWAN	
16.10–16.30	<b>General Discussion (in main hall): drafting main topics and follow-up action</b> Panelists: Director-General of the Water Resources Agency, Dr. Machiel Lamers, paper presenters	
16.30-17.30	<b>Return to the main auditorium</b>	

## DAY 2: September 14, 2016

### Parallel session C: Room 606

Parallel session C	Satoyama Initiative and the rebirth of wetland services	Host body: Forestry Bureau, Council of Agriculture, Executive Yuan Chair: Prof. Hsin-Juh Lin, Department of Life Sciences, National Chung Hsing University
13.30–14.10	<b>Keynote speech: The Ecologist-manager Partnership for Mangrove Conservation in the Era of Restoration</b> Prof. Shing Yip (Joe) Lee, Co-President, IUCN Mangrove Specialist Group/Professor of Marine Ecology, Griffith university, Australia	
14.10–14.30	<b>Paper presentation session I</b> Hsing-Juh Lin, CAN THINNING OF TREE DENSITY OPTIMIZE MANGROVE ECOSYSTEM SERVICES?	
14.30–14.50	<b>Paper presentation session II</b> Shang-Shu Shih, Chang-Po Chen, Shou-Chung Huang, Gwo-Wen Hwang and Hwey-Lian Hsieh, LANDSCAPE-BASED WETLAND MANAGEMENT STRATEGIES IN A MANGROVE ECOSYSTEM IN NORTHERN TAIWAN	
14.50–15.10	<b>Coffee break</b>	
15.10–15.30	<b>Paper presentation session III</b> Rita S.W. Yam, ECOLOGICAL BENEFITS OF MANGROVES ON SEDIMENT DECONTAMINATION: A CASE STUDY IN DANSHUEI MANGROVE WETLAND	
15.30–15.50	<b>Paper presentation session IV</b> Ming-Che Hu, Tai-Yi Liu, and Hsing-Juh Lin, MANGROVES ECOSYSTEM MANAGEMENT MODEL IN DANSHUI RIVER WETLAND	
15.50–16.10	<b>Paper presentation session V</b> Chih-Liang Chao, Pei-Hsun Hung and Wei-Lin Chen, VALUING NATURE: USERS PREFERENCE MANAGEMENT, ECOSYSTEM SERVICES, AND DECISION-MAKING	
16.10–16.30	<b>General Discussion (in main hall): drafting main topics and follow-up action</b> Panelists: Director-General of the Forestry Bureau, Dr. Shing Yip (Joe) Lee, paper presenters	
16.30–17.30	<b>Return to the main auditorium</b>	

## DAY 2: September 14, 2016

### Parallel session D: Room 605

Parallel session D	Ensuring artificial wetlands sustainability	Host body: Environmental Protection Administration, Executive Yuan Chair: Prof. Shuh-Ren Jing, College of Sustainable Environment, Chia Nan University of Pharmacy & Science
13.30–14.10	<b>Keynote speech: The Efficacy of Herbicides for Controlling Willow Encroachment and Projections of Willow Regrowth</b> Ms. Kimberli J. Ponzio Former president of the Society of Wetland Scientists (SWS) (2015-2016) Environmental Scientist at St. Johns River Water Management District, Florida, USA	
14.10–14.30	<b>Paper presentation session I</b> Lei Yang, Chung-Hsin Yuan, Chen-Bin Tsai, Kai-Yun Cheng, Shu-Yu Hsu, and Hsin-Ju Lin, COMPARISON ANALYSIS OF CARBON SINK EFFECTS BETWEEN NATURAL COASTAL WETLANDS AND SALT WATER TYPE CONSTRUCTED WETLAND WITH MANGROVES	
14.30–14.50	<b>Paper presentation session II</b> Rita S.W. Yam, Ko-Pu Huang and Hsing-Juh Lin, INFLUENCE OF FISH PRESENCE ON THE MACROINVERTEBRATE COMMUNITY STRUCTURE IN CONSTRUCTED WETLANDS	
14.50–15.10	<b>Coffee break</b>	
15.10–15.30	<b>Paper presentation session III</b> Jung Chen Huang, Chuanqi Zhou, Fang Liu and Bo Yu, DESIGNING A CONSTRUCTED WETLAND FOR A CREATED WETLAND IN A DESERT AREA: TO SAVE WILDLIFE FROM SELENIUM INTOXICATION	
15.30–15.50	<b>Paper presentation session IV</b> Y. Shiau, M. R. Burchell, K. Krauss, S. W. Broome and F. Birgand, ESTIMATION OF CARBON SEQUESTRATION AND REDUCTION OF GLOBAL WARMING POTENTIAL IN A CREATED BRACKISH TIDAL MARSH	
15.50–16.10	<b>Paper presentation session V</b> Shang-Shu Shih, Yun-Qi Zeng, Hong-Yuan Lee, Marinus L. Otte, Sandra Lee and Wei-Ta Fang, TRACER EXPERIMENTS AND HYDRAULIC PERFORMANCE IMPROVEMENTS IN A FARM POND WETLAND	
16.10–16.30	<b>General Discussion (in main hall): drafting main topics and follow-up action</b> Panelists: Minister of the Environmental Protection Administration, Ms. Kimberli J. Ponzio, paper presenters	
16.30–17.30	<b>Return to the main auditorium</b>	