

SCIENTIFIC PROGRAM

2 SEPT 2019 (Monday)	Time
Paper Writing Workshop Venue: Deer & Lady Suite, Level 3	8.30 - 10.00 am
APWSS Young Scientists 'Meet And Greet' Meeting Venue: Deer & Lady Suite, Level 3	2.00 – 4.00 pm
APWSS Executive Board Meeting Venue: Deer & Lady Suite, Level 3	4.30 – 7.00 pm
PRE-REGISTRATION & POSTER MOUNTING Venue: Level 3 Foyer	4.30 - 6.00 pm
3 SEPT 2019 (Tuesday)	
Registration Venue: Level 3 Foyer	7.15 – 8.30 am
Opening Ceremony	8.30 - 9.15 am
Morning break	9.15 – 9.45 am
Keynote Prof. Dr. Stephen Powles Herbicide Resistance and its Management in Asian Pacific: Challenges and Opportunities Venue : Sarawak Chamber Ballroom 2 & 3 Chairperson: Shukor Juraimi	9.45 – 10.30 am
Plenary 1 Dr. Shiv Shankhar Kaundun Evolution and Non-Target Site Resistance Mechanism in Weeds Venue : Sarawak Chamber Ballroom 2 & 3 Chairperson: Samunder Singh	10.30- 11.00 am

Session 1A Herbicide resistant weed and herbicide tolerant crop Venue : Sarawak Chamber Ballroom 2 & 3, level 3 Chairperson: Edison Purba	Session 1B Herbicide formulation and application technology Weed risk assessment and management Education and extension in weed science Venue : Windows on Kuching 1 & 2, level 18 Chairperson: Michael Widderick	Session 1C Utilization of weeds for value-added products Venue : Deer & Lady Suite, level 3 Chairperson: Sushilkumar	Session 1D Herbicide behaviour in soil and water Venue : Wind Suite, level 3 Chairperson: Norida Mazlan	11.00-12.30 pm
1A1 Resistance Mechanism to an Acetolactate Synthase (ALS) Herbicide and Alternative Herbicide Options in <i>Polypogon fugax</i> Xiaoyue Yu*	1B1 Towards Increasing the Efficiency of Chemical Spraying Using Unmanned Aerial System (UAS) in Rice Cultivation Siti Amni Ismail	1C1 Insecticidal Properties of Selected Weeds Against Rice Weevil, <i>Sitophilus oryzae</i> L. Nurul Hazwani Mohamed*	1D1 Potato Injury from Residual Quinclorac and Its Management Strategies Chun Zhang*	11.00 -11.15 am
1A2 Molecular Basis of Resistance to ALS-Inhibiting Herbicides in <i>Amaranthus retroflexus</i> L. from China Zhaofeng Huang*	1B2 Effectiveness of Potassium Glyphosate 660 g/L Herbicide on the Time Interval of Rainfastness After Application on Weeds Uum Umiyat*	1C2 Weeds in Our Midst: Their Nutritional Contents and Medicinal Properties Maclin Dayod*	1D2 Residues of Imidazolinone Herbicide in Irrigated Rice Fields of Sg Leman, Selangor Engku Ahmad Khairi Engku Ariff*	11.15-11.30 am
1A3 Molecular and Biochemical Basis of ACCase Inhibitor Tolerance In <i>Roegneria kamoji</i> Ohwi from China Wei Tang*	1B3 The Effect of Rainfastness of Herbicide Potassium Glyphosate to Control Weeds of Oil Palm Denny Kurniadie*	1C3 Weeds as an Alternative Feed Resource for Small Holders' Livestock Farming Vennila Chandran*	1D3 Soil Based Pre-Emergence Herbicide Dose Recommendation: A Way Forward to Precision Agriculture Selvakumar, S.*	11.30-11.45 am

1A4 Metabolic Herbicide Resistance Gene Discovery in Wild Oat Qiong Peng*	1B4 Climate Niche Models – The Perils of Restricted-Range Parameterisation Data Graeme Bourdôt*	1C4 Biomass Production and Carbon Sequestration of Perennial Grass <i>Miscanthus</i> Yeon-Ho Park*	1D4 Evaluation of Herbicide Residues Under the Long-Term Conservation Agriculture Experiments Shobha Sondhia*	11.45-12.00 pm
1A5 The Metabolic Resistance And Essential Genes Involved in ALS Inhibitors-Resistant <i>Myosoton aquaticum</i> L. Weitang Liu*	1B5 The Need for Farm Biosecurity: Herbarium Records of Major Weeds Explained by Human Assisted Dispersal Trevor K. James*			12.00-12.15 pm
1A6 Multiple Resistance to Penoxsulam, Metamifop and Quinclorac Without Mutations in the Target Enzymes in <i>Echinochloa oryzicola</i> (Vasing.) Vasing Mingshan Ji*	1B6 Current Practices and Challenges for Education and Extension in Weed Science in Fiji Aradhana Devi Deesh*			12.15-12.30 pm
Lunch				12.30 - 2.00 pm
Plenary 2 Emeritus Prof. Dr Robert Zimdahl Weed Science for a Sustainable Agriculture and Environmental – An Ethical Perspective Venue : Sarawak Chamber Ballroom 2 & 3 Chairperson: Nilda Burgos				2.00 -2.30 pm

Session 2A Herbicide resistant weed and herbicide tolerant crop Venue : Sarawak Chamber Ballroom 2 & 3 Chairperson: A.N. Rao	Session 2B Novel herbicide and herbicide mode of action Venue : Windows on Kuching 1 & 2, level 18 Chairperson: Yoshiharu Fujii	Session 2C Weed management in other crops Venue : Deer & Lady Suite, level 3 Chairperson: Denny Kurniadie	Session 2D Weed management in rice Venue : Wind Suite, level 3 Chairperson: Do-Soon Kim	2.30 -4.00 pm
2A1 Identification of Several Diuron-Resistant Weed Species in Pineapple Plantation in Lampung Province, Indonesia Resti Puspa Kartika Sari*	2B1 The Discovery of Herbicide Safeners From Nature Products Xile Deng*	2C1 Weed Management in Grain Legumes: Issues and Strategies Narendra Kumar*	2D1 Lead speaker Prof. Dr. Nilda Roma-Burgos Sustainable Agriculture is Intergration of Tools and Mindset Overhaul	2.30 -2.45 pm
2A2 Bensulfuron-Methyl-Resistant <i>Ammannia auriculata</i> and Its Competition with Rice Paddy Jinwen Zhu*	2B2 Bioefficacy Evaluation of Pelargonic Acid, Alternative Herbicides and Herbicide Combinations for the Control of Volunteer Oil Palm Seedlings in Immature Oil Palm Meor Badli Shah Ahmad Rafie*	2C2 Weed Management Options for Strip Tillage Maize in Bangladesh Ilias Hossain	2D2 Safening S-Metolachlor in Rice Via Extract from <i>Ligusticum</i> Jingbo Li*	2.45-3.00 pm
2A3 Identification of Several Weed Species That Have Evolved Resistance to Glyphosate Herbicide in Oil Palm Plantation in Lampung Province, Indonesia Nanik Sriyani*	2B3 Baseline Sensitivity of <i>Echinochloa</i> Species to Rinskor™ Active in Korea Jee-hwan Yi*	2C3 Weed Management for Reduced Use of Paraquat in Cassava Production Yurawan Anatanamane*	2D3 Genetic Diversity, and Origins of Weedy Red Rice and the Use of Phylogeographical Structures to Control its Seed-mediated Contamination in Taiwan Dong-Hong Wu*	3.00-3.15 pm

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2A4 Rapid Diagnosis of Herbicide Activity Using Spectral Image Analysis Tae-Kyeong Noh*	2B4 Baseline Sensitivity of <i>Echinochloa crus-galli</i> to Florpyrauxifen-Benzyl in Korea Harim Kim*	2C4 Weed Suppression Effect of African Tulip Woodchips (<i>Spathodea campanulata</i>) as Different Thickness Mulch in Vegetable and Root Crop Production Makereta Ranadi*	2D4 Performance of Bensulfuron-methyl 1.1% + Metsulfuron-methyl 0.2% + Acetochlor 14% WP Against Wide Range of Weed Control in Transplanted Rice of Bangladesh Md. Khairul Alam Bhuiyan*	3.15-3.30 pm
2A5 Baseline Sensitivity of <i>Echinochloa</i> Species to Triafamone Assessed Using a Multi-Pot Tray Assay Jang-Ho Boo*	2B5 Synergistic Effect of Hydrolized Corn Gluten Meal on Acetochlor Bo Tao*	2C5 Efficacy of Herbicides on Weed Control in Mungbean Cultivation in Bangladesh Md. Omar Ali*	2D5 Weed-Competitive Rice: An Eco Friendly Approach Towards Minimizing Usage of Herbicides in Sri Lanka R.M.U.S. Bandara*	3.30-3.45 pm
2A6 Potential Escape Mechanisms for Weedy Rice (<i>Oryza sativa</i>) from Imidazolinone Herbicide Application Muhamad Shakirin Mispan*	2B6 Bixlozone: A New Isoxazolidinone Herbicide for A Wide Range of Major Crops Anandakrishnan Balaraman*		2D6 Effects of Imidazolinone Formulation, Application Rate and Application Timing on Control of Weedy Rice and Selected Weed Species in Clearfield® Rice System Dilipkumar Masilamany*	3.45-4.00 pm
Tea break				4.00 – 4.30 pm
APWSS Annual General Meeting				4.30 – 5.30 pm

4 SEPT 2019 (Wednesday)				
Plenary 3 Prof Dr. Samunder Singh Ecobiology and Management of <i>Phalaris minor</i> Venue : Sarawak Chamber Ballroom 2 & 3, level 3 Chairperson: Deirdre Lemerle				9.00 - 9.30 am
Plenary 4 Prof Dr. Do-Soon Kim Plant Image Science (Plant Phenomics) as a New Tool for Weed Research Venue : Sarawak Chamber Ballroom 2 & 3, level 3 Chairperson: Deirdre Lemerle				9.30 - 10.00 am
Morning break				10.00 -10.30 am
Session 3A Weed biology and physiology and ecology Venue : Sarawak Chamber Ballroom 2 & 3, level 3 Chairperson: S. M. Rezaul Karim	Session 3B Allelopathy and allelochemical in weed management Venue : Windows on Kuching 1 & 2, level 18 Chairperson: Baki Bakar	Session 3C Weed management in other crops Venue : Deer & Lady Suite, level 3 Chairperson: Meor Badli Shah Ahmad Rafie	Session 3D Weed management in rice Venue : Wind Suite, level 3 Chairperson: Udai Pratap Singh	10.30 - 12.15 pm
3A1 Effect of Thermal Time on Growth And Fecundity of Redroot Pigweed (<i>Amaranthus retroflexus</i>) Asad M. Khan*	3B1 Lead speaker Prof. Dr. Yoshiharu Fujii Allelopathy and Its Utilization for Weed Control and Robustness of Soil Rhizosphere	3C1 Effect of Different Ground Cover Management Systems on Population Changing Pattern of <i>Pennisetum polystachion</i> in Coconut Plantations of Sri Lanka S. S. Udumann*	3D1 Major Weeds and Weed Management: Perceptions of Farmers Growing Rice Under Different Stratum of Irrigation Systems of Isabela and Nueva Ecija Provinces, Philippines Dindo King Donayr	10.30-10.45 am

<p>3A2 Distribution Patterns of Weedy Rice Populations in Vavunia District, Northern Province of Sri Lanka Shyama Ranjani Weerakoon*</p>	<p>3B2 Isolation of Phytotoxic Substances from Kiwifruit Leaves and the Soil under Kiwifruit Trees Shun Okada*</p>	<p>3C2 Weed Dynamics and Onion Yield as Influenced by Pre-Mix Clodinafop-Propargyl 12.25% + Sodium Oxyfluorfen 14.7% EC Ramesh K. Singh*</p>	<p>3D2 Efficacy of Novixid TM (Rinskor TM Active+ Penoxsulam) Against Broad-Spectrum Weed Control in Wet Direct Seeded Rice of Central India Sunil Kumar*</p>	10.45-11.00 am
<p>3A3 Phenology, Fecundity and Dormancy of <i>Avena sterilis</i> ssp. <i>ludoviciana</i> from Plants Grown Under Late Season Soil Water Stress Mohammad Ali*</p>	<p>3B3 Selectivity to Rice and Phytotoxicity to Selected Weeds of Potential Bioherbicide from Aqueous Leaf Extract of <i>Ludwigia hyssopifolia</i> (G. Don) Exell Arnoldus M. Mangao*</p>	<p>3C3 Three Tier Management Practices for Effective Organic Weed Management in Sweet Corn Roshan Choudhary*</p>	<p>3D3 Integrated Weed Management for Direct-Seeded Rice in Cambodia Virender Kumar*</p>	11.00-11.15 am
<p>3A4 Hidden-in-Plain-Sight: Distribution Pattern and Phenotypic Variation of Weedy Rice in Peninsular Malaysia Intan Filzah Mahmud*</p>	<p>3B4 Identification of Previously-Published Allelochemicals in OM Rice Varieties with Cloud-Based Metabolomics Platform Ho Le Thi*</p>	<p>3C4 Field Study of Rinskor™ Active and ALS Inhibitor Herbicides on Parthenocarpy Effect in Oil Palm Edison Purba*</p>	<p>3D4 Response of Rice and Weeds to Early Submergence in Direct-Seeded Rice in Sri Lanka Swarna Herath*</p>	11.15-11.30 am

	3B5 Development of Pre-Emergence Bio-Herbicide From Purple Nutsedge (<i>Cyperus rotundus</i> L.) for Controlling Broad-Leaf Weeds Ferdhi Isnan Nuryana*	3C5 Effect of Sequential And Tank Mix Herbicides On Weed Dynamics and Yield of Rainfed Maize Anil Kumar*	3D5 Effect of Weed Control and Poultry Manure on Growth And Yield of Upland Rice in Sudan Savannah of Nigeria Danmaigoro Olanrewaju*	11.30-11.45 am
	3B6 Allelopathic Potential of the Aqueous Methanol Extracts of <i>Elephantopus scaber</i> and Its Inhibitory Substance Sutjaritpan Boonmee*	3C6 Growth and Yield Response of Some Striga Tolerant Maize (<i>Zea mays</i> L.) Varieties to Weed Management Practices and Sowing Times at Minna, Nigeria Musa Gimba Matthew Kolo*	3D6 Rinskor™ Active, the Newest Arylpicolinate Auxinic Herbicide for Effective and Sustainable Weed Management in Rice Mauricio Morell*	11.45-12.00 pm
	3B7 Involvement of Autotoxicity in Asparagus Decline and Its Effective Treatment Hisashi Kato-Noguchi*			12.00-12.15 pm
Lunch				12.30 – 2.00 pm
Plenary 5 Dr A.N. Rao The Progress and Future of Weed Science Research in Asian-Pacific region Venue : Sarawak Chamber Ballroom 2 & 3, level 3 Chairperson: Stephen William Adkins				2.00 – 2.30 pm

Plenary 6 Dr. Michael D. Day Biological Weed Control: Challenges and Opportunity Venue : Sarawak Chamber Ballroom 2 & 3, level 3 Chairperson: Stephen William Adkins				2.30 – 3.00 pm
Session 4A Biological weed control Venue : Sarawak Chamber Ballroom 2 & 3, level 3 Chairperson: Tjitrosemito Soekisman	Session 4B Allelopathy and allelochemical in weed Venue : Windows on Kuching 1 & 2, level 18 Chairperson: Hisashi Kato-Noguchi	Session 4C Weed management in other crops Venue : Deer & Lady Suite, level 3 Chairperson: Shiv Shankhar	Session 4D Weed biology and physiology and ecology (4) Venue : Wind Suite, level 3 Chairperson: Muhamad Shakirin Mispan	3.00 – 4.30 pm
4A1 Lead speaker Dr. Sushilkumar Current Status of Classical Biological Control of Weed and Its Future Prospects in India	4B1 The Possible Role of Allelopathy in Invasive Succession of <i>Papaver dubium</i> L. Masataka Izumi*	4C1 Lead speaker Prof. Dr. Per Kudsk IWM PRAISE – A Multi-National European Research and Innovation Project on Integrated Weed Management	4D1 Genetic Regulation of Seed Dormancy and Germination in <i>Solanum rostratum</i> Shouhui Wei*	3.00-3.15 pm
4A2 Release and Establishment of Leaf-Feeding Lady Beetle <i>Mada polluta</i> on <i>Tecoma stans</i> in South Africa Lulama Gracious Madire*	4B2 Carnosic Acid: A Phytotoxic Compound in the Leaves of <i>Rosmarinus officinalis</i> L. Kwame Sarpong Appiah*	4C2 Energy Budgeting in Weed and Tillage Management under Conservation Tillage Sheela Barla*	4D2 Effect of Fulvic Acid on Barnyard Grass Seeding Growth: Metabolomic and Transcriptomic Analyses of the Phytohormone Biosynthetic Pathway Lifeng Wang*	3.15-3.30 pm

4A3 Biological Control Initiatives Against Poisonous South American Ink Berries (<i>Cestrum</i> Species) in South Africa David Simelane*	4B3 Ascertainment of Allelopathy: Screening of Allelopathic Prospective Species from South Asian Country, Bangladesh Kohinoor Begum*	4C3 Herbicides Hotspots in Bangladesh Md. Hazrat Ali*	4D3 Genetic Structure and Diversity of Weedy Rice Populations in Sri Lanka Disna Ratnasekera*	3.30-3.45 pm
4A4 An Update on Prickly Acacia (<i>Vachellia nilotica</i> ssp. <i>Indica</i>) Biological Control Research in Queensland, Australia Boyang Shi*	4B4 Inhibitory Activity of Aqueous Extracts from <i>Samanea saman</i> on Barnyard-grass Do Tan Khang*	4C4 Performance of Strip-Planted Wheat with Post-Emergence Weed Control by Herbicides Taslina Zahan*	4D4 Investigation of Seed and Plant Growth Physiological Characters of Parthenium Weed (<i>Parthenium hysterophorus</i> Linn.) in Taiwan Hsieh Ching-Hsiang*	3.45-4.00 pm
4A5 Testing Alternative Host <i>Opuntia</i> sp. As Potential Target for Biocontrol Agents (<i>Dactylopius</i> sp.) Previously Established in Queensland Shamli, S.*	4B5 Allelopathic Effect of the Leaf Litter Leachates of <i>Ulex europaeus</i> to the Other Species and to the Seed Germination of <i>Ulex europaeus</i> Itself Mika Hozawa*	4C5 Influence of Weed Control Methods on the Growth and Yield of Soybean (<i>Glycine max</i> L.) Varieties A.K.M. Ruhul Amin*		4.00-4.15 pm
	4B6 Phytotoxic Effect and Identification of Potential Allelochemicals from <i>Turnera subulata</i> Norhafiza Yaakob*	4C6 Growing of the Competitive Crops Can Suppress Weeds in Subtropical Australia Michael Widderick*		4.15-4.30 pm

4B7 Allelopathic Effect of <i>Parthenium hysterophorus</i> L. on Germination and Growth of Some Important Crops and Weeds of Khyber Pakhtunkhwa Province of Pakistan Haroon ur Rashid*			4.30 -4.45 pm
Tea break			4.30 – 5.00 pm
Conference dinner			7.00 – 9.30 pm
5 SEPT 2019 (Thursday)			
APWSS Young Scientist Forum Venue : Sarawak Chamber Ballroom 2 & 3, level 3 Chairperson: Muhamad Shakirin Mispan			8.30 – 10.00 am
Metabolism Profiling of Cytochrome P450 CYP81a Subfamily to Disclose the Pattern of Herbicide Cross-Resistance in <i>Echinochloa phyllopogon</i> (Stapf) Koss Niña Gracel Dimaano*			8.30-8.45 am
Incidence of Multiple Herbicide Resistance in Winter Grass (<i>Poa annua</i>) across South-Eastern Australia Rajesh Barua*			8.45-9.00 am
Ecology and Phenology of <i>Achillea millefolium</i> - A Fast Emerging Invasive Weed in the Higher Himalayan Ranges Mustaqeem Ahmad*			9.00-9.15 am
Evaluation of the Degree of Seed Dormancy in Weedy Rice Seeds in Malaysia Amalia Qistina Zulrushdi*			9.15-9.30 am
Resopnse of Weed Species under Different Atmosphere CO ₂ : Impact on Biology and Glyphosate Efficacy Arslan Masood Peerzada*			9.30-9.45 am
Screening and Evaluation of Fungal Pathogens Associated with <i>Parthenium hysterophorus</i> L. in Peninsular Malaysia Azim Syahmi Zafri*			9.45-10.00 an
Morning break			10.00 -10.30 am

Plenary 7 Prof. Dr. Stephen William Adkins The Global Threat from Biological Invasions under A Changing Climate: An Example of A Notorious Invader, Parthenium Weed Venue : Sarawak Chamber Ballroom 2 & 3, level 3 Chairperson: Robert Zimdahl				10.30 –11.00am
Session 5A Invasive weed management Venue : Sarawak Chamber Ballroom 2 & 3, level 3 Chairperson: Per Kudsk	Session 5B Biological weed control Venue : Windows on Kuching 1 & 2, level 18 Chairperson: Michael Day	Session 5C Weed management in other crops Venue : Deer & Lady Suite, level 3 Chairperson: Hsieh Ching-Hsiang	Session 5D Weed management in rice Venue : Wind Suite, level 3 Chairperson: Hiroshi Matsumoto	11.00-12.30 pm
5A1 Lead speaker Prof. Dr. S. M. Rezaul Karim Management of Parthenium Hazards Using Biocontrol Methods in Malaysia	5B1 Characteristics of Fungi Potential Biocontrol Agents Against <i>Eleocharis kuroguwai</i> Kenichi Yamaguchi*	5C1 Lead speaker Prof. Dr. Zahid Ata Cheema Application of Allelopathy for Weed Management and Enhancement in Crop Growth and Yield	5D1 Herbicides Combination for Management of <i>Vaucheria species</i> Yellow Green Algae in Transplanted Rice under Coastal Situation of Karnataka Naveen Neralgundi Eshwarappa*	11.00-11.15 am
5A2 Efficacy of Chemical Herbicides Using a Novel Encapsulated Delivery Mechanism for Stem Injection on Mimosa Bush Amelia Limbongan*	5B2 Host Specificity Testing of <i>Chiasmia assimilis</i> (Warren) (Lepidoptera: Geometridae) as Biocontrol Agents for <i>Vachellia nilotica</i> in Baluran National Park, East Java, Indonesia Saiful Bachri*	5C2 Rinskor™ Active, A New Herbicide for Managing Water Hyacinth (<i>Eichhornia crassipes</i>) in Water Ways of Vietnam and Thailand Duy Le*	5D2 Developing Weed Management for Direct-Seeded Rice Systems in The Lao PDR Deirdre Lemerle*	11.15-11.30 am

5A3 Management of <i>Ambrosia psilostachya</i> - A Quarantine Weed First Time Reported in Karnataka, India Grama Nanjappa Dhanapal*	5B3 Isolation and Biological Characteristics of <i>Colletotrichum eleusines</i> , a Potential Mycoherbicide Candidate for Control of Goosegrass (<i>Eleusine indica</i> (L.) Gaertn.) Qiongnan Gu*	5C3 Economic Feasibility of Weed Management and Tillage in Maize – Wheat Sequence under Conservation Agriculture R. R. Upasani*	5D3 Working with Smallholder Farmers to Adapt a Weed Management Strategy for Best Management Practices (BMPS) in Rice Production in Myanmar Madonna C. Casimero*	11.30-11.45 am
5A4 Control and Eradication of <i>Chimonobambusa quadrangularis</i> in Gunung Gede Pangrango National Park Indah Wahyuni	5B4 Development of Weed Control Techniques for Organic Rice Production In China Sheng Qiang*	5C4 Weed Management in Rice-Wheat System in Indo-Gangetic Plains of India U P Singh*	5D4 Rinskor™ Active New Herbicidal Tool for Weed Control In Rice in China Chunhe Qu*	11.45-12.00 pm
5A5 The Development of Invasive Alien Plant Species Management for the Rehabilitation of Invaded Ecosystems SoekismanTjitrosemito*	5B5 Impact of the Gall Fly, <i>Urophora stylata</i> , on Seed Production of <i>Cirsium vulgare</i> in New Zealand Michael Cripps*	5C5 Weed Management In Rice-Wheat-Greengram Cropping System Under Conservation Agriculture Ramphool Puniya*	5D5 Continuous Herbicides Application on Dynamics Of Weed Flora, Weed Control and Soil Properties in Transplanted Lowland Rice-Rice Cropping System under Clay Loam Soil Murali Arthanari Palanisamy*	12.00-12.15 pm

5A6 Floral Invasion: Threat to Ecology, Biodiversity and Agriculture in Pakistan Khan Bahadar Marwat*		5C6 Weed Control Through Sequential and Tank Mix Application of Herbicides in Onion (<i>Allium cepa</i> L.) Rajvir Sharma*		12.15-12.30 pm
Lunch				12.30 - 2.00 pm
Closing ceremony				2.30 – 3.30 pm
6 SEPT 2019 (Friday)				
Post-conference Tour (Optional)				8.30 –2.00 pm