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TWENTY SEVENTH
INTERNATIONAL
FORESTRY AND
ENVIRONMENT

Symposium
2023

Economic Resilience and Environmental Sustainability: A Synergy for the Future

Organized by

Department of Forestry and Environmental Science, University of Sri Jayewardenepura

27th - 28th January 2023

SYMPOSIUM PROGRAMME

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08.30. a.m. - 10.30 a.m. Inauguration and Plenary Session

08.30 a.m. - 08.40 a.m.	Lighting of the Oil Lamp
08.40 a.m.- 08.50 a.m.	University Anthem
08.50 a.m.- 09.00 a.m.	Welcome address: <i>Prof. Priyan Perera</i> , Symposium Chair, Head of the Department of Forestry and Environmental Science, University of Sri Jayewardenepura
09.00 a.m. - 09.10 a.m.	Symposium Video
09.10 a.m. - 09.20 a.m.	Address: <i>Prof. Upul Subasinghe</i> , Vice chancellor (Acting), Dean, Faculty of Applied Sciences, University of Sri Jayewardenepura
09.20 a.m. - 09.35 a.m.	Address of the Chief Guest: <i>Dr.P. Nandalal Weerasinghe</i> , Governor of Central Bank, Sri Lanka
09.35 a.m. - 09.50 a.m.	Keynote Speech: <i>Mr. Vimlendra Sharan</i> , Representative of the Food and Agriculture Organization of the United Nations (FAO) for Sri Lanka and Maldives
09.50 a.m. – 10.00 a.m.	Token of Appreciation
10.00 a.m. - 10.10 a.m.	Vote of Thanks: <i>Dr. Chaamila Pathirana</i> , Symposium Coordinator, 27 th International Forestry and Environment Symposium 2023
10.10 a.m. - 10.20 a.m.	National Anthem

Day 1: 27th January 2023

Time	Hall A (LT 2) <i>Session 01</i> Forest and Natural Resource Management–Part 1 Dr. Isuru Kariyawasam	Hall B (LT 3) <i>Session 03</i> Waste Management and Pollution Control–Part 1 Prof. Meththika Vithanage	Hall C (Special lecture hall) <i>Session 02</i> Biodiversity Conservation & Management–Part 1 Snr. Prof. Devaka Weerakoon	Hall D (F1) <i>Session 10</i> Environmental Engineering and Green Technology–Part 1 Prof. Mahesh Jayaweera
11.00-11.15 am	66 Importance of Leaf Micro Morphological Trait Combinations of Trees to Capture Atmospheric PM10.5 and PM2.5: A Study on 11 Selected Tropical Roadside Tree Species in Colombo, Sri Lanka Abeyasinghe STDR	213 A Comparative Benefit-Cost Analysis for the Potential Waste Management Options for the Western Province, Sri Lanka De Silva KWCV	118 Diversity of Odonata in Kirala Kele Sanctuary, Matara District, Sri Lanka Rathnayake WASPP	173 Ecofriendly Synthesis of Silver Nanoparticles Via <i>Camellia Sinensis</i> Leaves and Their Insecticidal Effects towards the Storage Pest, <i>Sitophilus Oryzae</i> . (L.) Sandeevani GDVA
11.15 - 11.30 am	167 Selection of Plus Trees, Growth Attributes and Biomass Estimation of <i>Melia dubia</i> Genetic Resources Akhilraj TM	130 Upgrading of Pyrolytic Char Generated from Waste Tyre Pyrolysis for Solid Tyre Industry De Zoysa DMDA	124 Spatial Distribution of Fishing Cat (<i>Prionailurus Viverrinus</i>) in Selected Wetlands of Colombo Ramsar Wetland City Using Camera Traps Bandara AMPW	28 Effect of pH and Light Intensity on the Growth of <i>Dunaliella Salina</i> Dilshan WLT

11.30-11.45 am	<p>170</p> <p>Gene-Wide Diversity of Two Personality-Related Genes (DRD4 & SERT) in Urban and Rural Populations of House Swallows across Sri Lanka to South Pacific Indicates A Possible Demographic Expansion or Local Selection in Rural Populations</p> <p style="text-align: right;">Jayasinghe GD</p>	<p>190</p> <p>Degradation Potential of Some Biodegradable Polymers: Do They Degrade?</p> <p style="text-align: right;">Wijetunge DS</p>	<p>163</p> <p>The Colouration in <i>Dicrurus Caerulescens</i> (White-Bellied Drongo) Follows The Precipitation and Temperature of The Environment</p> <p style="text-align: right;">Weerakkody S</p>	<p>36</p> <p>Potential of A Charcoal Evaporative Cooling Chamber for Extending the Shelf Life of Vegetables</p> <p style="text-align: right;">Karunathilaka TD</p>
11.45-12.00 pm	<p>91</p> <p>Analyzing Practices of People on Drought Adaptation Strategies in The Dry Zone of Sri Lanka</p> <p style="text-align: right;">Dias RA</p>	<p>32</p> <p>Study of BOD: COD Ratio As An Indicator for Waste Water of Rubber Industry Sector</p> <p style="text-align: right;">Jayasinghe JAWW</p>	<p>231</p> <p>Conservation of Coastal Agriculture and Forestry—towards a Sustainable Blue Economy</p> <p style="text-align: right;">Ranasinghe DMSHK</p>	<p>20</p> <p>Preparation and Characterization of N,P,K Plant Nutrient Loaded Electrospun Nanofiber Mat to be Used As A Slow-Release Fertilizer</p> <p style="text-align: right;">Fernando WAMB</p>
12.00-12.15 pm	<p>100</p> <p>Variation of Oil Yield in Compared to Application of Different Types of Fertilizer to Mature Oil Palm in WL2a Agro Ecological Zone in Sri Lanka</p> <p style="text-align: right;">Bulugahapitiya H</p>	<p>74</p> <p><i>Eichhornia Crassipes</i> Leaves As A Waste-Derived Bio-Sorbent to Remove Organics and Nutrients from Rice Mill Wastewater</p> <p style="text-align: right;">Farwin AFS</p>	<p>144</p> <p>Rhizospheric Fungal spp. of Tomato (<i>Solanum lycopersicum</i> L.) and Their Effect on tomato Plant Growth and on <i>Alternaria solani</i>, The Causative Agent of Early Blight of Tomato</p> <p style="text-align: right;">Fernando WCJO</p>	<p>42</p> <p>Biofilm-Based Biofertilizers and Microbial Mixed Cultures: Are They Different on Plant Growth?</p> <p style="text-align: right;">Senanayake DMN</p>

12.15-12.30 pm	<p>204</p> <p>Comparative Analysis of Maturity Indices, Nutritional Values, Phytochemicals and Antioxidant Activities of Fruits of <i>Ampelocissus indica</i> (L.) Planch Grown in Sri Lanka</p> <p style="text-align: right;">Nandasiri AGWJ</p>	<p>96</p> <p>Ammonia Capturing Capacity of Biochar and Kaolinite</p> <p style="text-align: right;">Perera AJSL</p>	<p>73</p> <p>Swordtail (<i>X. Helleri</i>) Growth Promoting Activity and Proximity Analysis of Pineapple (<i>A. Comosus</i>) Peel Oil Supplemented Feed</p> <p style="text-align: right;">Thanushanthahi L</p>	<p>55</p> <p>Core-Shell Adsorbent Granules Fabricated from Sand/Graphene Oxide Nano-Composite for Adsorptive Removal of Pb (II)</p> <p style="text-align: right;">Perera WPRT</p>
12.30-12.45 pm	<p>176</p> <p>Effects on Soil Nutrients from Intercropping of Immature Oil Palm (<i>Elaeis Guineensis</i>) with Banana, Ginger and Turmeric in the Galle District, Sri Lanka</p> <p style="text-align: right;">Dissanayake SM</p>	<p>110</p> <p>Enhanced Crystallinity of MIL-53 (Fe) And Improved Pb²⁺ Ion Removal By MIL-53(Fe) in The Presence of TiO₂</p> <p style="text-align: right;">Warnapura AGSM</p>	<p style="text-align: center;">Tokyo Video (7 minutes)</p>	<p>146</p> <p>Removal of Crystal Violet Dye in Textile Wastewater Using Rice Husk Biochar</p> <p style="text-align: right;">Premadasa AGKE</p>
12.45-01.00 pm	<p>224</p> <p>Assessment of the Impacts of Atmospheric Pollution on Floristic Diversity and the Use of Lichens As Indicator Species for Assessing Atmospheric Pollution: In Sri Lanka: A Case Study of Three Tropical Forests In Central Highlands of Sri Lanka</p> <p style="text-align: right;">Ranasinghe DMSHK</p>	<p>108</p> <p>Evaluation of the Textile Dye Decolorization Potential of Native Bacterium <i>Alcaligenes faecalis</i> and its dye Decolorization Pathway</p> <p style="text-align: right;">Ekanayake EMMS</p>		<p>178</p> <p><i>Olax Zeylanica</i> Leaf Extract-Assisted Eco-Benevolent Synthesis of Sulfur Nanoparticles and The Determination of Their Insecticidal Potential Against <i>Sitophilus Oryzae</i> (L.) (Coleoptera: Curculionidae)</p> <p style="text-align: right;">Sandeepani GDVA</p>
	Tokyo Video (7 minutes)			
1.00 pm - 1.45 pm Lunch				

Time	Hall A (LT 2) <i>Session 02</i> Biodiversity Conservation and Management–Part 2 Prof .Dharshani Mahaulpatha	Hall B (LT 3) <i>Session 02</i> Biodiversity Conservation and Management –Part 3 Dr. Varuni Gunathilake	Hall C (Special lecture hall) <i>Session 02</i> Biodiversity Conservation and Management –Part 4 Dr. Jinendra Dissanayaka	Hall D (F1) <i>Session 06 and 09</i> Biomass and Sustainable Energy/ Wood Science, Wood and Non-wood Industries Prof. Rangika Bandara
1.45-2.00 pm	10 The Perceived Palatability of Forage Plants of Wild Asian Elephants in Sri Lanka Tharangi UD	50 Predator-Prey and Commensal Association of Rufous Woodpecker (<i>Micropternus brachyurus jerdonii</i>) and <i>Crematogaster</i> Ants in Sri Lanka Gunasekara HDVR	31 A Study on Nutritional Properties of Some Selected Underutilized Vegetables in Harispattuwa Divisional Secretariat of Kandy District Sri Lanka Kapilaratne KMRV	41 A Study on the Potentiality of Bioethanol Production from Selected Weed Species of Asteraceae Family Alwis WLNS
2.00-2.15 pm	46 Characterization of The Vocal Repertoire of Sri Lankan Jackal (<i>Canis Aureus Nariya</i>) Jayaweera JADU	113 Habitat Utilization and Behavioral Patterns of The Endemic Sri Lankan Green Pit Viper (<i>Craspedocephalus Trigocephalus</i>) in The Wet Zone of Sri Lanka Dhananjani DMT	53 Predicting Current and Future Potential Distribution of Endemic Plant Genera in Sri Lanka through Ecological Niche Modelling Viduranga WAADM	49 In Vitro Screening of Antioxidant and Anti-Inflammatory Activities of Plant Extract <i>Adenantha Pavonina</i> Wijsekara MA

2.15-2.30 pm	<p>51 Exploring The Spatial Variation Of Morpho-Anatomical Traits of True Mangrove and Mangrove Associates in The Southern Province of Sri Lanka in Accordance with Climatic Adaptation</p> <p style="text-align: right;">Ranathunga WR</p>	<p>119 Dynamics Of Odonata in an Agroecosystem; Effects of Paddy Cultivation Phases on The Diversity of Dragonflies and Damselflies</p> <p style="text-align: right;">Ranaweera SRD</p>	<p>65 Biopiracy to Bioprospecting: Assessing the Benefits and Challenges of Ratifying Nagoya Protocol</p> <p style="text-align: right;">Wijethunga ARL</p>	<p>150 The Effect of Nitrogen-Enriched Partially Burnt Paddy Husk on Growth and Yield of Rice (<i>Oryza Sativa</i>)</p> <p style="text-align: right;">Jayarathna JGSN</p>
2.30-2.45 pm	<p>63 Habitat Use by Asian Elephants (<i>Elephas Maximus</i>) in A Human-Dominated Landscape in Lungamwehera, Sri Lanka</p> <p style="text-align: right;">Fernando C</p>	<p>120 Dung Beetle Functional Diversity and Ecosystem Services (Resource Relocation) in Different Land Use Types in The Upper Walawe Basin Area</p> <p style="text-align: right;">Perera PRM</p>	<p>79 New Insights of the Endemic Plant Genera in Sri Lanka and Their Conservation Status</p> <p style="text-align: right;">Viduranga WAADM</p>	<p>201 Water Hyacinth (<i>Eichhornia Crassipes</i>) As A Possible Alternative Energy Source: A Case Study for INSEE Cement Manufacturing Plant in Puttalam, Sri Lanka.</p> <p style="text-align: right;">Rathnayake OMSC</p>
2.45-3.00 pm.	<p>88 eDNA Metabarcoding: Gaps of Publicly Available Reference Databases of Freshwater Vertebrates in Sri Lanka</p> <p style="text-align: right;">Ranaweera JBS</p>	<p>128 Habitat Preference of Lesser Whistling Ducks (<i>Dendrocygna javanica</i>) in Selected Wetlands within Colombo Ramsar Wetland City</p> <p style="text-align: right;">Sigera PST</p>	<p>89 Seed Security for Food Security: A Situation Analysis from the Rural Home Gardens</p> <p style="text-align: right;">Bandara AMSMRSG</p>	<p>80 Preliminary Investigation on the Effect of Termites on Wood Decay in Selected Sri Lankan Timber Species</p> <p style="text-align: right;">Arachchi CIM</p>

3.00-3.15 pm.	<p>92</p> <p>A Preliminary Survey of The Avifaunal Diversity in Pampaimadu Premise of The University of Vavuniya, Vavuniya, Sri Lanka</p> <p style="text-align: right;">Keerthanaram T</p>	<p>133</p> <p>Examination of Neediness of Other Effective Area-Based Conservation Measures in Conservation of Threatened Migrant Birds and Breeding Residents in Sri Lanka</p> <p style="text-align: right;">Samarasinghe SST</p>	<p>105</p> <p>Preliminary Study on Floral Distribution, Abundance and Diversity of Mangroves in Vankalai, North-West Coast of Sri Lanka</p> <p style="text-align: right;">Madhushani KGS</p>	<p>220</p> <p>Alternative Timber Applications for Sri Lankan House Construction During The Economic Crisis</p> <p style="text-align: right;">Dabare ETD</p>
3.15-3.30 pm.	<p>117</p> <p>Avifaunal Diversity in Kirala Kele, Matara, Sri Lanka</p> <p style="text-align: right;">Priyadarshana PHMGC</p>	<p>143</p> <p>Garlic Extract As A Bath Treatment Against <i>Gyrodactylus</i> Sp. in Guppy Fish (<i>Poecilia Reticulata</i>)</p> <p style="text-align: right;">Thusyakaanth S</p>	<p>136</p> <p>Relationship between Tree Girth and Forest Dieback Severity in Horton Plains National Park, Sri Lanka</p> <p style="text-align: right;">Fernando KSI</p>	<p>227</p> <p>Urban Farms for Neighborhood Improvement and Social Well-being of Urban Areas in Kandy</p> <p style="text-align: right;">Dilshani C.</p>
3.30 pm - 3.45 pm Tea Break				

Time	Hall A (LT 2) <i>Session 12</i> Citizen Science Forum Prof. Hiran Amarasekara	Hall B (LT 3) <i>Session 11</i> Geology, Soil and Water Resource Management–Part 1 Dr. Saranga Diyabalanage	Hall C (Special lecture hall) <i>Session 01</i> Forest and Natural Resource Management –Part 2 Prof. Sudheera Ranwala	Hall D (F1) <i>Session 01</i> Forest and Natural Resource Management –Part 3 Prof. Sandun Senerath
3.45-4.00 pm	70 A Study of Households’ Perception Towards Solar Panel Installation Case Study : in Techno-Park Nearby Faculty of Technology, University of Sri Jayewardenepura Pathirathna MPPY	139 Evaluation of The Quality of The Groundwater Used for Domestic Purposes in The Anuradhapura District and The Efficacy of Laterite Soil-Based Household Water Filters as Adsorbents Dissanayake NUS	17 Endophytic Bacteria and Fungi as The Bio Controlling Agents Against The Pathogens of Common Diseases in Sri Lankan Rubber Plantations. Aberathne AHMNR	112 A Situational Analysis of Critically Endangered (Possibly Extinct) Plant Species in Sri Lanka Janaranjana UGTN
4.00-4.15 pm	158 River Gem Mining, Its Impacts and Mitigation: A Case from Kumbukkan Oya, Monaragala Divisional Secretariat Area Premawansa OGKR	175 Impacts of Organic and Non- Organic Paddy Farming Practices on Surface Water Quality in Selected Areas Fernando NDSM	26 Carbon Mineralization in Tropical Montane Forests Soils in Sri Lanka Jayamali MMST	189 Present Status of Fisheries in Puttalam Lagoon, Sri Lanka Liyanage GLSSN
4.15-4.30 pm	193 Connecting The Dots; Environmental Literacy Index in Measuring Knowledge for Environmental Conservation Dissanayake DMSB	16 State of Surface and Vertical Salinity in Puttalam Lagoon During North-East Monsoon Perera HASD	77 Screening of Fungicides on The Management of Circular Leaf Spot Disease of Rubber Silva MKR	200 Spatial Distribution and Morphological Identification of Edible Oysters of <i>Crassostrea</i> spp. Naturally Inhabiting the Negombo Estuary, Sri Lanka Rodrigo U

4.30-4.45 pm	<p>210</p> <p>Faunal Diversity and Biodiversity Conservation within Homagama Mahinda Rajapaksha College, Sri Lanka</p> <p>Abegunawardhana PD</p>	<p>177</p> <p>Impacts of Organic and Non-Organic Cultivation Practices on Soil Fertility Parameters of Selected Paddy Lands Based on The Duration of Cultivation in Wet And Intermediate Climate Zones of Sri Lanka</p> <p>Hemachandra JKDSH</p>	<p>86</p> <p>Wetland Degradation and Impacts on Ecosystem Services: A Case Study from Bellanwila-Attidiya Wetland and Boralessgamuwa Lake in Colombo District</p> <p>Ranasinghe RR</p>	<p>155</p> <p>Public Perception on Ecosystem Services; Threats of Pilikuththuwa Cave Forest In Sri Lanka</p> <p>Jayarathna HDSC</p>
4.45- 5.00 pm		<p>75</p> <p>Floods and Land Use Land Cover Changes in The Kalu River Basin: A Call to Action</p> <p>Amarakoon V</p>	<p>111</p> <p>Distributional Ecology of Filmy Ferns & Grammitid Ferns of Sri Lanka: The Most Sensitive Ferns Species for Changing Climate</p> <p>Kumarasinghe PGSA</p>	<p>84</p> <p>Does Community Forest (CF) Program Able to Reduce Rural Poverty in The Central Dry Zone (CDZ) in The Transition of Rural Livelihood In Myanmar</p> <p>Thiri HMM</p>
END of the Day 01				

Day 2: 28th January 2023

Time	Hall A (LT 2) <i>Session 08</i> Sustainable Land Use & Urban Development Mr. B. A. Jayananda	Hall B (LT 3) <i>Session 11</i> Geology, Soil and Water Resource Management-Part 2 Prof. Amila Rathnayake	Hall C (Special Lecture Hall) <i>Session 5</i> Climate Change & Disaster Management Dr. Panduka Neluwala	Hall D (F1) <i>Session 03</i> Waste Management and Pollution Control- Part 2 Dr. Thilak Chandrathilake
8.15-8.30 am	57 Assessment of The Spatiotemporal Variability of Urban Heat Island Intensity in Colombo Metropolitan Area Withana PM	54 Effect of Cinnamon Leaf Compost on Selected Soil Properties in Cinnamon (<i>Cinnamomum Zeylanicum</i> Blume) Growing Soils Anuradha MD	34 Sri Lankan Contribution to Climate Change By Enteric Fermentation of Large Ruminants: An Overview Manewa RMSS	183 Microplastics Trophic Transfer in Seafood Varieties Caught from The Coastal Waters Off Negombo Gammanpila GDNP
8.30-8.45 am	230 Application of Multispectral Drone for Quantitative Assessment of the Fertilizer Requirement for the Up-country Tea Plantation in Sri Lanka Kumara UI	156 Estimation of Water Yield and Soil Erosion in Samanalawewa Watershed in Sri Lanka Using GIS-Based Invest Model Premarathna WDU	59 Estimation of Aboveground And Belowground Carbon Stocks In Homegardens of Low Country Wet Zone, Sri Lanka Nilupuli MD	23 Testing The Biodegradability and Biodegradation Rate of Bio-Based Film Products in Composting Environment Senadheera SKMS
8.45-9.00 am	115 Conversion of Marginalized Tea Lands Into Timber Plantations And Its Impact on Soil Organic Carbon Content: A Case Study in Central Highlands of Sri Lanka Rotawewa B	45 Review of The Responses of Various Soil Amendments in Sandy Soils Jayathilini DLDC	60 Review of Climate Change's Impacts on Tea Quality Jayawardhana JMSS	82 Bacteria-Based Sodium Alginate Formulation to Control Toxic <i>Microcystis</i> Blooms Randima GWAP

9.00-9.15 am	141 A Sustainable form Land use under <i>Borassus flabellifer</i> : A Case Study in Jaffna District of Sri Lanka Gnanavelrajah N	95 Variation of Geochemical Properties of Soils in Tropical Lowland Rainforests in Sri Lanka Bandara HMKS	67 Climate Injustice in Sri Lanka through the Lens of Flooding Events Gunawardena DH	114 Determining formAldehyde PhytoremEdiation Efficacy of Selected OrnamEntal plants Premadasa MDPP
9.15-9.30 am	161 Socio-economic Sustainability of Chena Cultivation in the Forested Land of Hambantota District, Sri Lanka Wanigathunga PC	81 Impact of Heat on Soil Water Repellency in Forest Soils from Different Depths Using Water-Repellent Japanese Cedar (<i>Cryptomeria japonica</i>) Forest Soil Perera HTM	94 A-GIS Based Binary Logistics Regression Model for Inundation Analysis, a Case Study on Elapatha DS Division, Ratnapura District, Sri Lanka Ekanayaka HDM	148 Assessment of Phytotoxicity of Potable Water Treatment Plant Sludge-bound Compost Pellets on Seed Germination of Radish (<i>Raphanus sativus</i> L.) De Silva RSD

9.30-9.45 am	166 Light Spectral Regimes under a Closed and Dense Canopy: Evidence from <i>Mesua ferrea</i> Trees for Human Comfort in Urban Ground Planning Makuloluwa MWHBK	126 Release of Potassium Ions from Feldspar by Organic Acids Present in Potassium-Solubilizing bacteria Thashmantha MADS	98 Knowledge, attitudes and practices among medical officers on disaster preparedness; study from Base Hospital Panadura (BHP) and Kethumathi Maternity Hospital (KMH), Panadura in Western Province Kumara PGH	153 Comparative study of bisphenol-A and its analogue bisphenol-S on growth and condition factor of juvenile zebrafish (<i>Danio rerio</i>) Dulanthi MLY
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9.45-10.00 am	<p>187</p> <p>Green Building rating of High-rise Buildings in Sri Lanka</p> <p style="text-align: right;">Abeywickrama BKAI</p>	<p>184</p> <p>Spatial Variability of Selected Soil Chemical Parameters in Low-Yielding Paddy Production Block in Mahaweli System H, Sri Lanka</p> <p style="text-align: right;">Attanayaka AM SM</p>	<p>106</p> <p>A Critical Appraisal of The International And National Legal Framework On Climate Change</p> <p style="text-align: right;">Samaradiwakara HS</p>	<p>99</p> <p>Influence of biochar on plant uptake of personal care products: caffeine and triclosan</p> <p style="text-align: right;">Keerthanan S</p>
10.00-10.15 am	<p>194</p> <p>Visitor Perception on urban green space and its contribution for human well-being, A case study for Henarathgoda Botanic Gardens</p> <p style="text-align: right;">Samarasekara S</p>	<p>145</p> <p>Comparative study of soil nutrients in selected paddy lands in wet zone treated with organic and chemical fertilizers</p> <p style="text-align: right;">Pemathilaka AUS</p>	<p>140</p> <p>Analysis of Climate Variable and Fisherman Perception on Climate Change Divers in Negombo Lagoon Area</p> <p style="text-align: right;">Fernando WRN</p>	<p>9</p> <p>Management of Free-Floating Aquatic Weeds by Making Compost and Testing its Efficacy against Root-knot Nematode on Tomato</p> <p style="text-align: right;">Samaraweera IDDJ</p>

10.15-10.30 am	<p>199</p> <p>Spatial Analysis of Locational Vulnerability of Fish Drying Cottage Industry of Kudawella, Sri Lanka</p> <p style="text-align: right;">Abeysooriya G</p>	<p>116</p> <p>Identification of Deep and Shallow Groundwater Potential Zones using GIS Techniques; Case Study: Monaragala District, Sri Lanka</p> <p style="text-align: right;">Wickramarathna RL</p>	<p>223</p> <p>Climate Change Vulnerability and Adaptation: The Case of Western Province, Sri Lanka</p> <p style="text-align: right;">Ranasinghe DMSHK</p>	
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10.30-10.45 am	229 Spatial and Temporal Assessment of Land Use and Land Cover in Wilpattu National Park Restricted Zone, Sri Lanka Kumara UI	121 Potassium ions Release from Mica by Organic Acids Present in Potassium Solubilizing Bacteria Kaushalya RMMT		
10.45-11.00 am	58 A New Three-Pillar Score System to Reduce The Sustainable Subset Heterogeneity Within The GREENSL Rating System in Sri Lanka Thiwanka SPD			
11.00 am-11.15 am Tea Break				

Time	Hall A (LT 2) <i>Session 03</i> Waste Management and Pollution Control-Part 3 Dr. Anushka Rajapaksha	Hall B (LT 3) <i>Session 04</i> Environmental Economics & Resource Management-Part 1 Prof. M.G Kularathna	Hall C (Special Lecture Hall) <i>Session 10</i> Environmental Engineering & Green Technology-Part 2 Prof. Jagath Manathunga	Hall D (F1) <i>Session 04</i> Environmental Economics & Resource Management-Part 2 Dr. Menuka Udugama
11.15-11.30 am	27 Public opinion Survey on the status of waste management in Sri Lanka Ariyasingha UDHP	179 A comparison of resources usage for two white-leg shrimp (<i>Penaeus vannamei</i>) farming systems (earthen pond system and round tank system) Darshika KAN	39 Thermal Evaluation of Vertical Greeneries for Building Façade with Different Orientations and Shading Percentages by Design-Builder Simulation Jayakody GDC	214 Study on Consumer Awareness and Buying Behavior on Coconut Spread in Sri Lanka Sudari DKPGK

11.30-11.45 am	30 Comparison of Filter Media for Wastewater Treatment by A Prototype Trickling Filter Samaraweera MDS	181 Comparative Analysis of Sustainable Banking in Public and Private Sector Banks in Sri Lanka Wickramarathna DTN	64 Bio-efficacy and persistence of inert dust formulations as stored-grain protectants against <i>Sitophilus oryzae</i> (L) Ganhewa HT	215 Attitudes towards turtle conservation: An island wide study in Sri Lanka Ranasinghe HMDM
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11.45-12.00 pm	69 Life Cycle Assessment of Conventionally and Organically grown pineapple in Gampaha District Gunawardena MA	186 Analysis and Characterization of Four Selected Sri Lankan Seed Oils for the Potential Applications in Cosmetics and Dietary Supplement Thathsara KAH	174 On-Water Catalyst-Free Synthesis of 3-Alkenyl Oxindoles Samaradiwakara DMTA	218 Study of consumption and disposal practices related to polythene shopping bags Karunaratne CMW
12.00-12.15 pm	87 Microplastic Bioaccumulation in Selected Finfish Species Harvested from Northwest Coastal Waters, Sri Lanka: A Potential Risk to Human Health? Kandeyaya KBKDK	208 Influence of environmental factors in determining tourist destinations Karunaratna MMSA	195 Effect of Water Sources on the Growth Performance and Chlorophyll Content of <i>Azolla pinnata</i> R.Br Rathnayake NRRWS	12 Economic importance of consuming of homemade turmeric: A case of Kandy district in Sri Lanka Hewage RGSM

12.15-12.30 pm	<p>154</p> <p>Degradation Potential of Biodegradable Plastics under Laboratory Conditions</p> <p style="text-align: right;">Sandeevani GDVA</p>	<p>211</p> <p>Valuation of Ecosystem Services for Driving Community-Assisted Forest Landscape Restoration in Endane Biodiversity Corridor, Sri Lanka</p> <p style="text-align: right;">Madawala MMGINMB</p>	<p>212</p> <p>Characterization of Thermo stable Cellulase Enzyme Isolated from a Hot Spring Bacterium: <i>Bacillus</i> sp.</p> <p style="text-align: right;">Herath MN</p>	<p>37</p> <p>Ascertainment of Photosynthetic Biomass Curves in The Early Growth Stages of Selected Dominant Native and Endemic Plant Species in Lowland Rainforest Ecosystems, Sri Lanka That As A Proxy for Value Primary Ecosystem Services and Towards Conservation.</p> <p style="text-align: right;">Aberathna WSSL</p>
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12.30-12.45 pm	<p>157</p> <p>Photocatalytic degradation of Rhodamine B under UV light catalyzed by alpha titanium phosphate and metal modified titanium phosphate</p> <p style="text-align: right;">Jayasinghe KWPV</p>	<p>217</p> <p>Effectiveness of a Disaster Management Education Program among Youth: A Case Study in Three Disaster-prone Provinces</p> <p style="text-align: right;">Perera MAU</p>	<p>127</p> <p>Potassium Solubilizers, <i>Aspergillus</i> sp. and <i>Trichoderma</i> sp. promote growth in Tomato</p> <p style="text-align: right;">Kumari MDHM</p>	<p>131</p> <p>Economic feasibility of Reverse Osmosis (RO) water treatment plants: A Case study from Dimbulagala, Polonnaruwa, Sri Lanka</p> <p style="text-align: right;">Bandara HMTM</p>
12.45-1.00 pm	<p>165</p> <p>Chemical analysis of kitchen waste for developing formulae for compost fertilizer</p> <p style="text-align: right;">Ranasinghe SD</p>	<p>160</p> <p>Ayurveda perspective of environmental sustainability for the economic crisis – A review</p> <p style="text-align: right;">Kaushalya HBD and Gunawardhana RMR</p>	<p>226</p> <p>Farmer's perceptive on negative impacts of chemical pesticides used in vegetable cultivation: Caste study from the Periyaneelavanai Area, Ampara District</p> <p style="text-align: right;">Tharangani PKSJ</p>	<p>147</p> <p>Determination Of Heavy Metals In <i>Etroplus Suratensis</i> From Koggala Lagoon In Southern, Sri Lanka</p> <p style="text-align: right;">Abeysooriya APSW</p>
01.00-01.15 pm	<p>169</p> <p>Mycoremediation Approach to Green Air: Phenanthrene and Anthracene Degrading Ability by <i>Fusarium solani</i> isolate P₁₁M-46</p> <p style="text-align: right;">Dharmasiri RBN</p>	<p>221</p> <p>Environmental Economics and Resource Management Opportunity Cost Analysis of using Jack Fruit Timber as a Construction Material in Sri Lanka</p> <p style="text-align: right;">Kaluwila KMCN</p>	<p>102</p> <p>Effect of Natural IAA Produced by <i>Streptomyces</i> Strain ACM37 on Seed Germination and Seedling Growth</p> <p style="text-align: right;">Gamlath AGNNAS</p>	<p>216</p> <p>Valuation of the Bar Reef Marine Sanctuary from the perception of the visitors</p> <p style="text-align: right;">Jayaratne CT</p>
1.15 pm - 2.00 pm Lunch				

Time	Hall A (LT 2) <i>Session 7</i> Sustainable Tourism	Hall B (LT 3) <i>Session 13</i> Poster Session-Part 1	Hall C (Special Lecture Hall) <i>Session 13</i> Poster Session-Part 2	Hall D (F1) <i>Session 13</i> Poster Session-Part 3
	Prof. Priyan Perera	Dr. Gihan Dahanayaka and Dr. Saminda Fernando	Snr Prof. Hemanthi Ranasinghe	Prof. Daham Jayawardana and Dr. Indunil Senanayake
2.00-2.15 pm	40 Elephant Based Volunteer Tourism in Sri Lanka (On the perception of volunteer service providers and volunteer participants in elephant related activities) Perera PKU	52 Awareness on the waste management practices and causes for increased urban waste generation among the general public in Western Province, Sri Lanka Peiris PC	164 Forest and Natural Vegetation Cover Loss Over 2000 to 2020 in Sri Lanka; A Canopy Density Base Analysis Kaushalya GN	35 Mangrove Biodiversity Conservation and Aquaculture Practices in Sri Lanka: An Overview Madumadhawa MHD
2.15-2.30 pm	61 Assessment of the potential to promote nature-based tourism industry in the Protected Area network of Sri Lanka Wijethunga ARL	56 Awareness of The General Public Within The District of Gampaha, Regarding The Biomedical Wastes Disposed by Clinical Laboratories and Its Consequences. Perera BOL	15 Phytochemical analysis of some selected indigenous plants in Eastern Region of Sri Lanka used for minimizing insect damage on stored grains during storage Karunakaran S	151 Pollen morphological studies on selected species of family Dilleniaceae in Sri Lanka Abeyrathne UKG
2.30-2.45 pm	83 Exploring the Potential of Geotourism with a focus on Kahagolla Landslides Area in Sri Lanka Senavirathna HACD	68 Effectiveness of a Awareness Program on Lunch Sheets Pollution: A Case study at faculty of Applied Sciences, University of Sri Jayewardenepura Tharindu GAN	85 Temporal variation of water quality in Nilwala River, Southern Province, Sri Lanka Diwyanjalee GR	38 Fungal Diversity in the Wounded Tissues of <i>Gyrinops walla</i> Trees and the Surrounding Vidanage WVTU

2.45-3.00 pm	122 Combining health and well-being: designing a modern medicinal garden to meet 'tourists' expectations Perera PRM	71 Analysis of wastewater quality after the reopening of the Faculty of Technology, University of Sri Jayewardenepura Guanathilake HMAV	101 A review on pharmacological activities of <i>Eclipta alba</i> (Keekirindiya - Bhringarāja) Munasinghe GMALP	129 Ethno botanical Survey of Medicinal Plants at Ayurveda Base Hospital North Matale, Sri Lanka -2021 Jesintha J
3.00-3.15 pm	162 Review of 'Kalpitiya Urban Development Plan 2021- 2030' using TIES ecotourism principles Weerasinghe MAMT	198 Importance of the conservation of natural forests in protecting red listed medicinal plant <i>Terminalia arjuna</i> in the perspective of Indigenous system of medicine Wajeehu FS	132 Is the forest fire adjacent to St. Clair's waterfall natural or man-made? Wijerathna LPSDN	172 Water Table Estimation in Attaragoda GN Division In Galle, Sri Lanka Prabhashvi WAA
3.15-3.30 pm		24 Role of street trees in urban landscape Seenapatabendige KB	5 A Quality Review of EIA: A comparative study of state-funded and international aid agency-funded development projects in Sri Lanka Vimaladhas V	.109 Application of Participatory Concept in Minimizing Food Packaging Waste (FPW) in Manufacturing Firms Senevirathne BS
3.30-3.45 pm		191 Preliminary survey on ethnomedicinal value of Spontaneous Urban Plants Nuwan VGSI	185 Therapeutic uses of Mee tree (<i>Madhuca longifolia</i>) Risla MHF	171 Effect of Expired Yoghurt Powder as a Soil Amendment on Growth, Yield and Chlorophyll Content of Radish (<i>Raphanus sativus</i> L.) Thushari KLNA

3.45-4.00 pm		<p>196</p> <p>The Implications of Religious Practices on <i>Loxococcus rupicola</i> (Thw.) H. Wendl. and Drude, A Critically Endangered, Endemic Palm Species in Sri Lanka</p> <p>Chandrathilake GGT</p>	<p>76</p> <p>Relationship of Physico-Chemical Properties of water with Phytoplankton Abundance in Peraru Village Tank in Vavuniya District</p> <p>Samarawickrama RAD</p>	
End of the Symposium				