## Listing of Papers Presented at Various World Environment Day(s), Commemorated by

## Pakistan Engineering Congress

| Sr. No. | Title of Paper | Name of Author |
|---|---|---|
| | **2007 – Climate Change:** | |
| 1 | Engineering options for Managing and Mitigating Climate Change | Safia Shafiq |
| 2 | An overview of Glacier Depletion in Tibetan | Rehmatullah Jilani, |
| 3 | Plateau Climate Change and Sustainable Development | Dr. Qamar-uz-Zaman Chaudhry |
| 4 | Glaciers- The Barometer of Climate Change | Rakhshan Roohi, Arshad Ashraf, Rozina Naz |
| 5 | Climate Change and Tree-limit status: A case study based on comparison between an optimistic scenario for European mountains and a pessimistic on for Pakistan | Amin U Khan, |
| 6 | Adapting to Risks of Climate Change | Shafqat Masood |
| 7 | Impact of Temperature Gradient With Time & Its Variation With reference To Change Of state | Engr. Shaukat Ali Awan |
| | **2008 – Kick the Habit, Towards a Low Carbon Economy:** | |
| 8 | Clean Development Mechanism | Muhammad Ashraf |
| 9 | Hydel Power Generation: A Low Carbon Prospect For Prosperous Pakistan | Dr. Allah Baksh Sufi, A. Dastgir, Zahid ul Haq |
| 10 | Re-Utilization of Solid Waste Carbon Saves Economy | Muhammad Khalid Iqbal, Tahira Shafiq, Khursheed Ahmad |
| 11 | Low Carbon Economy – A Pakistan Perspective | Muhammad Daniel Saeed Pirzada |
| 12 | Isotipic and Chemical Characterization of Coal from Selective areas of Pakistan | A .Mashiatullah, T. Javed, R. M. Qureshi, Z. Shah, Z. Latif Habib-ur-Rehman |
| 13 | ENERCON and Low Carbon Economy | Asif Masood |

## 2009 – Your Planet Nees You – Unite to Combat Climate Change:

| | | |
|---|---|---|
| 14. | Social and Economic Benefits of Weather, Climate and Water Services | Dr. Qamar-uz-Zaman Chaudhry |
| 15 | Influence of Climate Change on Upper Indus River Flows | Danial Hashmi, Dr. Muhammad Siddique |
| 16 | Vehicular Emissions and their Impacts on Human Health in Karachi – A Case Study | Muhammad Ashiq Ambreen Kanwal Said Rehman |
| 17 | Emission Inventory of Lahore – 2007 | B.M. Ghauri A.N. Khan |
| 18 | Accountability of Chemical Industries Towards Sustainable Development | S.E Benjamin |
| 19 | Environmental Issues Related to Water Resources Development and Integrated Water Resource Management in Pakistan | Dr. Muhammad Nawaz Bhutta |
| 20 | E-Waste : An Impending Challenge | Muhammad Daniel Saeed Pirzada Farkhanda Nahid Pirzada |
| 21 | Unsafe Drinking Water and Health Hazards | Sabir Ali Bhatti Zia Mustafa |
| 22 | Environmental Management for Menace of Water Logging of Chashma Jhelum Link Canal in Thal Desert Area – A Case Study | Dr. Allah Bakhsh Sufi Syed Javed Sultan Attia Dastagir |
| 23 | Impact of Western Economic Policies on the Planet [With Special Reference to Pakistan] | Dr. Zafar Altaf |
| 24 | Drinking Water Quality Between Source and Point – of – Use in Satellite Town Rawalpindi – A Case Study | Shaukat Farooq Imran Hashmi Sara Qaisar |
| 25 | Drinking Water Quality in Rawalpindi / Islamabad and Adjoining Areas in 2008 | Jamal A. Nasir Birjees Mazhar Qazi M. Salman Alam Khatoon |
| 26 | An Overview of Polyethylene Terephthalate Recycling in Pakistan | Dr. Zahiruddin Khan |
| 27 | Poverty alleviation – a Challenge for Pakistan | Shahida Saleem |

## 2010– Bio-Diversity Connecting with Nature – Many Species, One Planet, One Future:

| | | |
|---|---|---|
| 28 | Deforestation – A Trample on the Moonscapes | Engr. Usman-e-Ghani |
| 29 | River Ravi Potential, Pollution and Solutions; An Overview | Abdullah Yasar<br>Fawad Ali<br>Fateha Arshad<br>Amna Iqbal<br>Zainab Razi |
| 30 | Wetlands in Pakistan: What is happening to them? | Dr. Abdul Aleem |
| 31 | Promoting Better Management Practices An Initiative of WWF – Pakistan to reduce the ecological footprint of thirsty crops | Hammad Naqi Khan<br>Arif H. Makhdum<br>Zernash Jamil<br>Asad Imran<br>A. Rasheed Bhutto<br>Lal Khan Babar |
| 32 | Botanical Diversity in Pakistan; Past, Present and Future | Muhammad Ibrar Shinwari<br>Maryam Shinwari |
| 33 | Biodiversity – A stable Ecosystem – A Review | Dr. Zaheer ud Din Khan |
| 34 | Biodiversity and Economic Growth | Shahida Saleem |
| 35 | Climate Change Threats to Biodiversity In Pakistan | Dr. M. Moshin Iqbal<br>Arshad Ahmad Khan |
| 36 | Future of Your Fuel Tank!!! | Umarah Mubeen<br>Zia ul Islam<br>Dr. Mian Wajahat Hussain<br>Dr. Kauser Abdullah Malik |
| 37 | Effect on Carbon Nitrogen Ratio – Ammonia Nitrogen in Food Waste Composting Using Different Techniques | Muhammad Khalid Iqbal<br>Tahira Shafiq<br>Sameer Ahmad<br>Khursheed Ahmad |
| 38 | State of Forests in Sindh as well as the Economic Benefits Flowing out of it | Muhammad Sadiq Mughal |

## 2011 – Forests-Nature at Your Services:

| | | |
|---|---|---|
| 39 | Forest and Climate Change | Dr. Abdul Aleem Chaudhry |
| 40 | “Moringa: A Miracle Plant of Agro-Forestry and Southern Punjab, Pakistan | Shahzad M. Basra<br>Umair Ashfaq |
| 41 | Medicinal Plant Resources for Economic Development of Rural Community in Mankial District Swat | Iftikhar Ahmad,<br>Prof. Dr. Nowshad Khan,<br>Fouzia Anjum |

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| 42 | Growth and Metal Accumulation in Various Tree Species in Response to Urban Waster Water Irrigation | Muhammad Ayyoub Tanvir, Dr. M. Tahir Siddiqui, Zafar Hussain |
| 43 | Significance of Forests in Islam | Engr. Mumtaz Hussain |
| 44 | Creating Forests Resources in Thal Desert for Combating Land Degradation | Rana Attaullah Khan |
| 45 | An Overview of Forests in Pakistan | Engr. Saeed Iqbal Bhatti |

## 2012 – Green Economy-Does it Include You

| | | |
|---|---|---|
| 46 | Making Agricultural Economy Green: Reducing Carbon Emissions Through Improved Irrigation Management | Dr. Asad Sarwar Qureshi |
| 47 | Participatory Irrigation Management and its Role in Green Economy | Ch. Karamat Ali, M. Rizwan Aslam |
| 48 | Policies for Improving Water Governance for Better Livelihoods – Managing Water for Green Economy and Green Growth – South Asia Perspective | Sardar Muhammad Tariq |
| 49 | Short Rotation Energy Plantations | Major (Retd.) Shahnawaz Badar, Dr. Muhammad Afzal, Iftikhar ul Hassan Farooqi |
| 50 | Water Shortage and Vegetation | Dr. Muhammad Afzal, Iftikhar ul Hassan Farooqi |
| 51 | Construction of Large and Medium Dams for Sustainable Irrigated Agriculture and Environmental Protection | Irshad Ahmad, Dr. Allah Bakhsh Sufi, Shahid Hamid, Wassay Gulrez |
| 52 | Energy from Muncipal Solid Waste in the form of Solid Waste Briquettes | Dr. Rai Niaz Ahmad, Muhammad Azhar Alim Abdul Nasir, Altaf Hussain |
| 53 | Desertification Control for Improvement of Environment and Sustainable Land Use of Cholistan Desert – Pakisatn | Zamir Ahmed Soomro |
| 54 | Management of Agriculture Resources in Changing Environment Prospects | Dr. Allah Bakhsh Sufi, Talib Hussain |
| 55 | Water as Crucial and Probably Agriculture's | Lubra N. Bukhari, Zeeshan A. Bhutta |

## 2013 – Think-Eat-Save:

| | | |
|---|---|---|
| 56 | A Review of Global Food Security: Production, Wastage, Shortage and Solutions | Ms. Asifa Alam,<br>Dr. Engr. Abdullah Yasar,<br>Dr. Amtul Bari Tabinda |
| 57 | Population Explosion and Food Waste | Mrs. Shahida Saleem |
| 58 | Food Security Challenges in Pakistan and Strategies to Overcome | Mr. Muhammad Zubair,<br>Mr. Mumtaz Shah,<br>Mr. Kashif Bashir |
| 59 | Natural Solution to Water Pollution of River Ravi | Mr. Sohail Ali Naqvi,<br>Mr. Ali Hasnain Sayed |
| 60 | Global Food Loss and Waste Within Food Supply Chain (Causes and Preventions with Special Reference to Pakistan) | Ms. Tayyaba Rizvi,<br>Dr. Riffat Saqlain,<br>Mr. Qamber Raza |
| 61 | Transforming Food Waste into a Valuable Resource Through Anaerobic co-digestion | Mr. Muzammil Anjum,<br>Dr. Azeem Khalid,<br>Mr. Tariq Mahmood |
| 62 | Prospects and Perspectives of Precision Agriculture in Pakistan | Chaudhry Muhammad Ashraf,<br>Hafiz Qaisar Yasin |
| 63 | Future Food Challenges for Pakistan Pothwar as Impending Resource for Food Security | Dr. Ghulam Nabi,<br>Mr. Muhammad Ashraf,<br>Mr. Muhammad Masood |
| 64 | Impact of Water Resources Management on Agriculture and Environment with Dungi Dam in Pothwar Area | Engr. Muhammad Saeed Arain,<br>Engr. Syed Javed Sultan,<br>Engr. Muhammad Mumtaz |

## 2014 – Effects of Climate Change on Small Island Developing States (SIDS) and its Mitigation:

| | | |
|---|---|---|
| 65 | Mitigation of Adverse Impacts of Climate Change in Small Islands Developing States | Dr. Muhammad Afzal Chaudhry |
| 66 | A Review of SIDS: Characteristics, Effect of Climate Change and its Mitigation | Sidra Siddiqui,<br>Asifa Alam,<br>Dr. Amtul Bari Tabinda |
| 67 | Environmental Change Detection of Urban Land Cover, Agriculture, Forest and Sea Surface temperatures using Sattelite Data | Dr. Badar Ghauri |
| 68 | Effects of Climate Change on Small Island Developing States (SIDS) and their Mitigation | Engr. Riaz Nazir Tarar |

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| 69 | Disaster Vulnerability, Risk Reduction and Mitigation in Small Island Developing States | Saba Dar,<br>Ali Hasnain Syed,<br>Sohail Ali Naqvi |
| 70 | Vulnerability of Small Island Developing States to Climate Change | M. Zia ur Rehman Hashmi,<br>M. Munir Sheikh,<br>M. Mohsin Iqbal,<br>Ghazanfar Ali,<br>Arshad M. Khan |
| 71 | Climate Change Effects on Small Island Developing States Biodiversity and Related Issues | Dr. Abdul Aleem Chaudhry |
| 72 | Small Island States of Indian Ocean and Impacts of Climate Change and its Mitigation | Attia Dastgir,<br>Engr. Ishteqaq Ahmad,<br>Dr. Muhammad Fayyaz Ahmad |
| 73 | Environmental Ethics (A Prologue to Sustenance from Air to Oceans and from Islands to Mainlands) | Engr. Usman-e-Ghani |

## 2015 – Water and Sustainable Development:

| | | |
|---|---|---|
| 74 | Managing Food Security Through Adaptation to Climate Change in Pakistan: An Overview | Iqra Saleem,<br>Tahreema Farooq,<br>Dr. Abdullah Yasar,<br>Dr. Amtul Bari Tabinda |
| 75 | Impacts of Rapid Urbanization on Air Quality and Temperature Variations in Developing Countries – An Overview | Dr. Abdullah Yasar,<br>Dr. Amtul Bari Tabinda,<br>Maham Sajid,<br>Hina Gul |
| 76 | Extending Future Water Availability for Human Consumption Through Salvage | Riaz Nazir Tarar |
| 77 | Control of Environmental Issues by Safe Usage of Drainage Effluent for Growing of Crops | Engr. Muhammad Saeed,<br>Engr. Munawar Ahmad,<br>Engr. Asim Saeed Malik |
| 78 | Study on Impact of Atmospheric Acidification on Carbon Sequestration of Forest Soil Ecology and its Recovery by Calcium-Magnesium (CA-MG) Liming Technique | Muhammad Mansha,<br>Syed Hussain H. Rizvi |
| 79 | Water Scarcity; Population Growth and Poverty | Mrs. Shahida Saleem |
| 80 | Water Consumption – An Alarming Situation | Ms. Sara Ephraim |
| 81 | The More Money You Have the More Waste You Produce | Dr. Muhammad Anwar Baig |

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| 82 | Seven Billion Dreams and One Planet, Consume with Care | Dr. Muhammad Afzal Chaudhry |
| 83 | Spatio Temporal Impact of Tidal Inundation in Indus Deltaic Creek System | Ibrahim Zia, Dr. Naeem Ahmad Syed, Mrs. Hina Zafar |
| 84 | Seven Billion Dreams, One Planet, Consume with Care: Ecosystems and Their Services | Dr. Abdul Aleem Chaudhry |
| 85 | A Review of Sustainable Consumption and Production to Prevent Resources Exploitation in Order to Save our Planet | Asifa Alam, Sidra Siddique, Dr. Amtul Bari Tabinda, Dr. Engr. Abdullah Yasar |
| 86 | Ground Water – A natural Resource Under Serious Threat | Ghulam Zakir Hassan Sial, Ghulam Shabir, Raiz Raza Hassan, Saleem Akhtar |

## 2016 – Join the Race to Make the World a Better Place:

| | | |
|---|---|---|
| 87 | Pollution Load Assessment of Open Water Channels in Islamabad City in Relation to Urbanization Pressure | Mehwish Haq Nawaz, Dr. Audil Rashid, Dr. M. Anwar Baig |
| 88 | Hydraulic Modeling for Flood Hazard Assessment and Mitigation Measures – A Case Study | Engr. M. Mohsin Munir, Engr. Rizwan Maqsood, Engr. Javed Munir, Engr. Tariq Altaf |
| 89 | Experimentation Study to Investigate the Effects of Green Rood Construction on Indoor Temperature in Local Climate Conditions | Imran Tariq |
| 90 | Artificial Recharge and IWRM at Community Level – The Balozai Project in Balochistan | Dr. Abdul Majeed |
| 91 | Analyzing High-Altitude Temperature Series Using Mann-Kendall and Sen's Slope Tests to Assess Trends in Climate for Upper Indus Basin | Mian Waqar Ali Shah, Asim Rauf Khan |
| 92 | Water Availability and Tragedy of Commons | Ruth Naymat Gill |
| 93 | Climate Change Poverty Alleviation | Prof. Shahida Saleem |
| 94 | Development of Alternative Water Resources in Pakistan: A Review of Rainwater Harvesting Practices | Dr. Abdullah Yasar, Dr. Amtul Bari Tabinda, Muhammad Muzzammil Nadeem, Khadija Inayat |

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| 95 | Impact of Global Climate Changes on Sustainable Use of Groundwater in Punjab | Ghulam Zakir Hassan, Ghulam Shabir, Saleem Akhtar |
| 96 | Environment and Eastern Rivers (Views and Options) | Engr. Usman-e-Ghani |
| 97 | Improving Harveted Rain Water Quality of NUST Lakes by Three Stage Portable Water Filter | Dr. M. Anwar Baig, Mehwish Haq Nawaz |
| 98 | Turning Deserts into Farmlands | Dr. Naveed Alam, Prof. Dr. Theo N. Olsthoom |
| 99 | Illegal Wildlife Trade in Global and Pakistan Context | Dr. Abdul Aleem Chaudhry |

## 2017 – Connecting People to the Nature; in the Cities, on the Land; From the Poles, to the Equator

| | | |
|---|---|---|
| 100 | A Brief on Forestry Resources of Cholistan Desert and a Future Potential Opportunity | Fatima Tanveer, Tabbaba Seemab |
| 101 | Global Warming, Climate Change (Causes, Impacts, Mitigation, Adaptation) | Aqsa Fayaz, Naveed Anwar, Dr. Abdullah Yasir, Anita Kanwal, Farwah Hassan, Mujtaba Baqir, Dr. Waqas U Din Khan |
| 102 | Global Warming, Climate Change, Carbon Capturing and Storage – A Review | Nabia Farrukh, M. Naveed Anwar, Dr. Abdulah Yasir, Amna Aman, Mahnoor Abid, Dr. Waqas u Din Khan, Mujtaba Baqir |
| 103 | Stakeholders' Involvement in Natural Sustainability of WAPDA Projects – A Strategy Paying Dividend | Mr. Attia Dastgir, Dr. Fayyaz Ahmad, Sarfraz Naseer |
| 104 | Urban Heat Island in Changing Climate (A Case Study of Karachi Heat Wave 2015) | Yasmeen, Z. M. Afzaal, M. Akram Anjum, Burhan A. Khan, |
| 105 | Climate Change Impacts, Mitigation and Adaptation Measures | M. Ramzan Javed |
| 106 | Environmental Risks Related to Shale Gas Advancement and their Mitigations | Bilal Naveed, Talha Auyub, Muhammad Junaid, Faizan Ahmed |

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| 107 | Greening the Landscape in Pakistan | Dr. Abdul Aleem Chaudhry |
| 108 | Environmental Concerns for Sustainable use of Groundwater for Food Security in Punjab | Ghulam Zakr Hassan,<br>Faiz Raza Hassan |
| 109 | Challenges for Environmental Sustainability and Food Security in Pakistan | Azeem Khalid,<br>Shahid Mahmood,<br>Anila Sikandar |


## 2018 – Beat the Plastic


| | | |
|---|---|---|
| 110 | Plastics: Environmental Issues and Remedial Solutions | Dr. S. E. Benjamin |
| 111 | Integrated Plastic Solid Waste Management (ISWM) System Based on 3R Principle and Resource Conservation and GHG Emissions | Muhammad Sajid,<br>Iqrash Suhaib,<br>Mahnoor Shah,<br>Dr. Asad U Khan,<br>Dr. Nasir M. Ahmad,<br>Asra Tariq |
| 112 | Impact of Domestic and Industrial Effluent of Lahore City on Groundwater | Engr. Dr. Muhammad Saeed,<br>Engr. Rahmat Ullah Sheikh,<br>Engr. Muhammad Shoaib,<br>Engr. Jawad |
| 113 | Need for Intelligent Transportation System for Reducing Traffic Carbon Pollution in Lahore | M. Munir,<br>M. Shafiq Qureshi,<br>Dr. A. B. Sufi,<br>S. L. Zaidi |
| 114 | Reducing Plastics Waste Pollution: Challenges and Key Solution Strategies | Asif Ali Qaiser,<br>Anum Saeed |
| 115 | Plastic Pollution and its Impact Water Resources | Ghulam Zakir Hassan,<br>Adnan Hassan,<br>Sumayya Noshin |
| 116 | Plastic Pollution: Impacts on Biodiversity | Dr. Abdul Aleem Chaudhry |


## 2019 – Air Pollution


| | | |
|---|---|---|
| 117 | Lahore Ambient Air Pollution: Main Root Causes and Impacts on Public Health – A Detailed Review | Dr. Engr. A. Yasar,<br>M. Iftikhar,<br>B. K. Bakht,<br>M. N. Anwar,<br>Dr. A. B. Tabinda,<br>M. Shabbir |
| 118 | Understanding the Relation Between Polluted Water and Solid Waste with Air Pollution: Establishing a Case for Lahore | Ifrah Kamil,<br>Farah Nadeem,<br>Arjmand Qayyum,<br>Sohail Ali Naqvi |

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| 119 | Stakeholder Engagement on Air Quality and Health Impacts | Tayeba Batool |
| 120 | AJ&K Ambient Air Quality – Status and Development Strategies | Dr. Abdul Majeed |
| 121 | Addressing the Pakistan Air Pollution Crisis: Academia – Industry – Government Roles | Asad U. Khan,<br>Nasir M. Ahmad |
| 122 | The Role of Forests in Carbon Sequestration ot Counter Air Pollution | Abdul Aleem Chaudhry |
| 123 | Air Quality – Issues and Challenges (Presentation) | Ahmad Rafay Alam |

## 2020 – Environment Day Could Not be Commemorated Because of Covid-19

## 2021 – Ecosystem Restoration

| | | |
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| 124 | Ecosystem Restoration in Pakistan "A Means of Attaining Social Economic and Environmental Sustainability" | Sahibzad Khan,<br>Nazia Akhtar,<br>Mamoona |
| 125 | Nuclear Energy: An Option for Greenhouse Gases Mitigation in Pakistan | Muhammad Saleem Ullah,<br>Muhammad Imtiaz,<br>Ijaz Ahmad |
| 126 | Water Stress and Water Wastage Scenario of Pakistan | Prof. Engr. Dr. S. M. Saeed Shah,<br>Engr. Hanan Saif |
| 127 | Ecological Restoration in Pakistan | Dr. Abdul Aleem Chaudhry |
| 128 | Biodiversity Management Plans – An Overview of DASU Hydropower Project | Engr. Muhammad Shariq Ahmed |
| 129 | Forestry Resource Assessment and Restoration Plan | Ibadullah Khan,<br>Irfan Ul Haq |
| 130 | The Climate Crisis & Our Future Presentation | Ahmad Rafay Alam |

## 2022 – Only One Earth

| | | |
|---|---|---|
| 131 | Seismicity Trends Analysis in and around Pakistan Region between 1900 – 2022 | Z. Rari,<br>N. Mahmood,<br>Sajjad,<br>S. Rafiq,<br>M. Butt,<br>A. Najeeb |
| 132 | History & Present Situation of Glacier and Development of Ice-dammed Lake in Hunza Basin: Case Study of Hassanabad (Shishper) Glacier | Syed Hammad Ali,<br>Adeel Hassan,<br>Muhammad Tabeen ul Barkaat,<br>Wasim Khan |

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| 133 | A Policy Paper to Encounter Rising Socio-Political and Climatic Impacts on Looming Water Crisis in Pakistan | Hafiz Hawad Sohail, Dr. Masood Arshad, Sohail Ali Naqvi, Sajjad Ahmad Kamal |
| 134 | Circular Plastic Economy: A Road Map to Economic and Environmental Sustainability | Dr. Asif Ali Qaiser |
| 135 | Urban Flooding in Lahore: A Study to evolve Mitigation Strategies in the Era of Climate Change | Dr. Saleem Sarwar |
| 136 | Monitoring of Toxicity of Pesticide in Fish | Tayyaba Bashir, Imran Hashmi |
| 137 | Nuclear Energy; An Option for Greenhouse Gases Mitigation in Pakistan | Muhammad Saleem Ullah, Muhammad Imtiaz, Ijaz Ahmad |
| 138 | Renewable Energy Development & Future Prospects | Sheeraz Anwar Khan |
| 139 | Impacts of Air Pollution on Human Health in Lahore City, Pakistan: A Review | Muhammad Maaz Arif, Sajid Rashid Ahmad, Muhammad Abu Bakr |


## 2023 – Beat the Plastic Pollution


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|---|---|---|
| 140 | A Conference Paper on "Beating Plastic Pollution: Paving the Way to Cleaner Coastal Areas in Pakistan" | Mahmood Akhtar Cheema |
| 141 | Plastic Waste Management in Pakistan: Challenges and Prospects for Transitioning Towards a Circular Economy | Dr. Abdul Qadir |
| 142 | Identification and Assessment of Marine Debris Using Satellite and Aerial Imagery in Coastal Waters of Karachi: Impacts on Marine and Coastal Environment | Ibrahim Zia, Rizwan Akhter, Tariq Mehmood, Tahreem Zafar, Maryam Khan |
| 143 | Investigating the Potential of Artemia Salina and Daphnia Magna for Microplastics Removal from Water Resources | Mariam Ali, Hassan Shafiq, Hira Amjad, Imran Hashmi |
| 144 | Circular Economy: A Transformative Solution to Curbing Plastic Pollution in Pakistan | Sahib Alam Khan, Fatima Mehmood, Muhammad Huzaifa, Syed Tehzeeb ul Hassain, Hira Muzaffar, Dr. Masood Arshad |

145 The Silent Invaders: Microplastics and the Impending Global Hazard — Ayesha Awan, Prof. Engr. Dr. Abduallah Yassar, Dr. Mujtaba Baqar, Dr. Amtul Bari Tabinda