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S. No.	CONTENTS	Page No.
148	An Overview on Veterinary Herbal Medicine V. Vandhana, D. Mahalakshmi, R. Lokeshvar, J. Sujaritha and J. Nandhini	50723-50729
149	Heteropolyacid Salts as Eco-Benign Catalyst in Organic Reactions: A Review Poonam Rani, Nadeem Sharma, Jyoti, Pooja Sethi, Sonia and Manish	50730-50747
150	Ethno-Zootherapeutic Traditional Knowledge of Fish among Central Himalayan Tribes of District Pithoragarh, Uttarakhand Rakesh Verma, Priyanka Sharma and Lata Upadhyay	50748-50755
151	Virtual Fence : Design and Development of Mobile Application using Location Based Service J. Viji Gripsy and S. Karpagavalli	50756-50761
152	Assessment of Soil Quality Indices of Rice Grown Soil and Its Effects on Fallow Black Gram (<i>Vigna mungo</i>) Yield - A Three Year Study P.Senthilvalavan, R.Manivannan, G.Sathiyarayanan, A.P.Srinivasaperumal, S.Kalaisudarson and C.Ravikumar	50762-50773
153	Effect of Physiotherapy Combined with Ergonomic Advice vs Ergonomic Advice on Pain and Quality of Life on low Back Pain among Fabricator Worker: A Comparative Study Sandipkumar Parekh, Anjali Vadhel, Ruchita Vasava and Priyanka Tadvi	50774-50780
154	Freshwater Algal Diversity of the Northern Western Ghats of Maharashtra, India: A Review Balasaheb Shantilal Kale and Shashikant Bharatrao Shisode	50781-50788
155	Teachers' Techno-Pedagogical Competencies in Social and Professional Contexts Seema Rani Thappa and J.N. Baliya	50789-50797
156	Dilute Acid Pre-Treatment Technology for Mixed Algal Biomass for Lipid and Fermentable Sugars based Biofuel Production Harshita Singh, Pankaj Kumar Rai and Arvind Kumar Shukla	50798-50803
157	Right M-Ideals in Semirings G.Mohanraj and K.Kalaiyarasi	50804-50808
158	Comprehensive Review on Gastro Retentive Drug Delivery System V.T.Iswariya , K.Girija Nandini, K.Maryswarnalatha, N.Madhavi and T.Rama Rao	50809-50818
159	Effect of Explosive Training on Agility in Competitive Tennis Players Vaibhav C Dave, Girish Baldha and R.Arunachalam	50819-50823
160	Effect of Integrated Nutrient Management Practices on Yield, Nutrient Uptake and Economics of Irrigated Groundnut (<i>Arachis hypogaea L.</i>) C. Prathivraj Kumar, R. Gobi, P. Stalin, S. Sathiyamurthi and K. Suseendran	50824-50828
161	Survey on Topological Indices of Armchair Polyhex Nanotubes S.Sripriya and K.Ramachandran	50829-50836
162	A Curated Database: the 3 and 2 Dimensional Structures and Pharmacological Activities of Anti-Inflammatory Phytochemicals in Plants Masidukadi Rikvitha, S. Parijatham Kanchana and Y. Sabitha	50837-50843

163	Assess the Quality of Life of Staff Nurses Working in Selected Hospitals, Tamil Nadu K.Balasubramanian and S.Malathi	50844-50846
164	Range Extension of the Redskin Waspfish, <i>Ablabys binotatus</i> (Peters, 1855) (Scorpaeniformes: Synanceiidae) from Coromandel Waters, East Coast of India V. Selvakumar, S. Subburaman, D. Nagarajan, J. Nagarajan and A. Murugan	50847-50851
165	Review of Artificial Floating Islands as Pollutant Removal Solution for Urban Lakes Aruna Gopal, Asha.K and Maya Naik S.N	50852-50862
166	A Comparative Assessment of Phytochemicals and Antioxidant Properties of <i>Myrica esculenta</i> Buch.-Ham. ex D. Don Fruits at Different Stages of Maturation Aandrisha Borthakur and Bijoy Neog	50863-50871
167	Assessment of Water Quality using Physico-Chemical Parameters of Bophni Dam Pravin S. Shete	50872-50876
168	Regional Disparity in Socio-Economic Development of Scheduled Tribes in Salem District, Tamil Nadu, India N. Srinath and T. Ponnarasi	50877-50886
169	On Mean Square Exponential Stability of Second Order Neutral Impulsive Stochastic Differential Equations with Poisson Jumps R.Maheswari and M.M.Shalini	50887-50897
170	On Neutrosophic P – Spaces and Neutrosophic Almost P – Spaces R. Vijayalakshmi, M.Simaringa and F. Josephine daisy	50898-50905
171	Survey and Occurrence of Rice Sheath Blight Incited by <i>Rhizoctonia solani</i> Kuhn on Major Rice Growing Regions of Cauvery Delta Zone K. Soundarya, P. Renganathan, A. Eswaran and R. Anandan	50906-50912
172	Role of Serankottai (<i>Semecarpus anacardium</i>) in the Management of Vali Azhal Keel Vaayu (Rheumatoid Arthritis) - A Review P M Indhu and S Visweswaran	50913-50918
173	Comparative Study of Dynamic Response of Monolithic and Rocking Columns under Earthquake Accelerations using FEA K.Harshadha and A.Srikanth	50919-50927
174	Impact of Organic Granules on Yield Attributes and Yield of Maize G. Veerasiva, S. Manimaran, G. Baradhan and D .Venkatakrishnan	50928-50931
175	Plant Species Preferred for Sleeping during Day Hours by Mysore Slender Loris <i>Loris lydekkerianus lydekkerianus</i> in Keelaveliyur, Tamil Nadu, India. Ravichandran Lavanya and Varadharajan Gokula	50932-50936
176	Optimization of Lycopene Phytosomes for its Enhanced Therapeutic Applications Viresh K Chandur and Ramakrishna Shabaraya A	50937-50944
177	Analysis of A Markovian Retrial Queue with Orbital Search and Working Vacation under N-Control Pattern P.Manoharan, S.Pazhani Bala Murugan and A.Sobanappriya	50945-50957
178	Single Image Super Resolution of Noisy Images Reji A P and Premlal P.D	50958-50964
179	Technical Efficiency of System of Rice Intensification (SRI) and Traditional Method of Paddy Cultivation in Nagapattinam District of Tamil Nadu G. Kokila and G. Ramanathan	50965-50972

180	Weather Prediction using Linear Regression in Machine Learning Mohammed Sahil Khan and J. Vijay Fidelis	50973-50977
181	Framework for Energy-Aware and Robust Security Mechanism Based on Malicious Behaviour of an Adversary Node in IoT Ayasha and M.Savitha Devi	50978-50989
182	Crop Recommendation System using Random Forest Approach Meghana S R and Veena S Badiger	50990-50994
183	An Analysis of Activity Recognition Technology and Monitoring for the Elderly people M.Janaki and S.N.Geethalakshmi	50995-51002
184	A Survey of Mythril, A Smart Contract Security Analysis Tool for EVM Bytecode Nipun Sharma and Swati Sharma	51003-51010
185	A Comparative Study of Artificial Intelligence Methods for Weather Forecasting Soumya Unnikrishnan and Smitha Vinod	51011-51019
186	Expert Systems Applications Radhika Sreedharan and Galiveeti Poornima	51020-51023
187	Parkinson's Disease Detection using Machine Learning Algorithms Harish.H, Anita Patrot, Hemalatha.P, Hemavathi.T.U and Kavya.B	51024-51030
188	Self-Driving Car Simulation using Neural Network Kalaiarasamani.M and Venna S Badiger	51031-51038
189	Laneline Edge Detection using Machine Learning Harish.H and A.Sreenivasa Murthy	51039-51046
190	Comparative Analysis of Fuzzy Logic based Requirements Prioritization Approaches Raghavendra M Devadas , Vani Hiremani, Sapna R and Preethi	51047-51056
191	Land use Land Cover Change Detection using Remote Sensing and Geographical Information – A Case Study of Aizawl District of Mizoram, India Lalmachhuana, Lalnuntluanga and Lalramdina	51057-51069
192	Watermarking Images using Singular Valued Decomposition in DCT and DWT Harisha Naik.T, Raghavendra.S.P and Rajath Sharma	51070-51073
193	An M/G/1 Queue Offering A Variety of Services and K+1 th Phase Excursions R. Shanthi and R. Priyanka	51074-51083
194	Dynamic Shortest Path Finding and Evaluation of Various Pathfinding Algorithms Balaji.B.S and Alli.A	51084-51091
195	Environmental Impact of Plastic Polymers and Mycoremediation by the Enzymatic Action Anjali Kumari	51092-51106
196	Analysis of Descriptive Answer Evaluation Process using NLP Techniques Harisha Naik T, N Kartik and Hemanth K S	51107-51115
197	Divergence Issues in English-Urdu Machine Translation Vaishali Gupta	51116-51123
198	The Future of Computer Assisted Education N Kartik, R Mahalakshmi and K A Venkatesh	51124-51132
199	Development and Standardisation of Polyherbal Formulation for the Treatment of Autoimmune Thripuramallu J Mohan Rao, Margret Chandira Rajappa, Palanisamy Pethappachetty and Sri Bendi Venkateswarlu	51133-51148

200	Encrypting Images using Huffman Encoding Algorithm in DCT and DWT Harisha Naik.T	51149-51152
201	MIC- α Ig and MIC-Ig α Closed Sets in Micro Ideal Topological Spaces M.Josephine Rani and R.Bhavani	51153-51159
202	Future Study of Antibiotics use in Multi-Specialty Hospitals in Narasaraopet, Guntur District, Andhra Pradesh Ch. Sunil Kumar, Jaykar B, B.S.Venkateswarlu, R.Margret Chandira and K.P.Sampath Kumar	51160-51168
203	An Ethnobotanical Study of Medicinal Plants used by the Villagers of Karaikal, Puducherry, South India. Bibhuti Bhashan Das, Arul Pradeepa. R and Muhilarsi. M	51169-51178
204	Simultaneous Estimation of Bempedoic Acid and Ezetimibe by RP-HPLC B.Rama Rao, V.Venkata Rao and B.S.Venkateswarlu	51179-51188
205	Effect of Isolated Mixed Interval and Continued Training on Speed Components among College Level Kabaddi Players R. Sureshkumar, K. Venkatachalam and A. Sankar	51189-51194
206	NANO Lipid based Drug Delivery System of Anti Malarials Formulation and Evaluation CH. N.V.S Mastanrao and R. Margret Chandira	51195-51203
207	Haematological and Histopathological Effects of Fipronil 80% on Fresh Water Fish <i>Oreochromis niloticus</i> (Nile Tilapia) Mubashira.P.K, Abhirami Santhosh and Pawlin Vasanthi Joseph	51204-51212
208	Effectiveness of Structured Teaching Programme on Knowledge Regarding Hemodialysis among Haemodialysis Clients in Selected Hospitals, At Karimnagar, Telangana M .Veguna Rani and K.Kamala	51213-51218
209	Heat Transfer of A Peristaltic Electro - Osmotic Flow of A Couple Stress Fluid through an Inclined Asymmetric Channel with Effects of Thermal Radiation K. Venugopal Reddy, Mantha Srikanth and K. Ramakrishna Reddy	51219-51231
210	Utilization of Maternal Healthcare Services by Tribal Women in Meghalaya, India Yilanthung M. Sangma and T.R. Jeyaraaj	51232-51236
211	Study on Utilization of Waste Plastic in Bituminous mix with Sugarcane Ash as Filler Kasturi Moharana, Deepak Kumar Sahu and Siba Prasad Mishra	51237-51245
212	Dietary Analysis of Nutritional Composition of Few Food Plants of <i>Cynopterus brachyotis</i> (Lesser Dog Faced Fruit Bat) in the Forests of Kalakad Mundanthurai Tiger Reserve B. Kavitha Bharathi and Angel Paulina. R	51246-51254
213	A Survey on Prediction of Heart Disease using Machine Learning Algorithms Sasirega. D and V.Krishnapriya	51255-51261
214	Phytochemical Characterization and Assessment of Crude Extract from Rhizome and Leaves of <i>Bergenia ciliata</i> Sternb for Antimicrobial Activity Shagufta Rashid, Sabeerali Ansarali, Selvarasuvasuki Manikandan and G. M. Alagu Lakshmanan	51262-51270
215	Crop Quality Prediction using Image Processing Ujjwel Balwal, Angel Deborah S, Rajalakshmi S and Saritha M	51271-51278

216	A Review on Detection and Prediction of Bipolar Disorder using Deep Learning R.Saranya and S. Niraimathi	51279-51285
217	Complex Picture Fuzzy Soft Matrices and its Application V. Chinnadurai and S. Madhanraj	51286-51291
218	Assessing the Effectiveness and Risk for Resistance with Antibiotic use during the Covid-19 Pandemic: A Cross-Sectional Study on South Indian Population Arya Babu, Minju Chackochan, Ruksana M. S and Meby Susan Mathew	51292-51302
219	Gut Dysbiosis and Cognitive Impairment in Depression and its Management Naveen Kumar.K, S.P. Muthukumar, Seema Mehdi, K.L. Krishna, Seema Mudhol, Shubha M.B, Kalyan M and Praveen Raj S S	51303-51309
220	Screening of Hundred Rice (<i>Oryza sativa</i> L.) Genotypes for Reproductive Stage Drought Tolerance J.Johnny Subakar Ivin and Y. Anbuselvam	51310-51317
221	Gender Determination using Bigonial Width- an Orthopantomographic Study Danisca, Reshma Poothakulath Krishnan and Abirami Arthanari	51318-51322
222	Antidiabetic, Hepatoprotective and Antihyperlipidemic Effect of Polyherbal Drug in Streptozotocin Induced Hyperglycemic Rats G. Revathi, S. Elavarasi and K. Saravanan	51323-51336
223	Zooplanktons of Junagadh, Gujarat, India Riddhi Jani, Avani Bhuvra, Heli Benani, Malay Vyas and Jatin V. Raval	51337-51345
224	Influence of Training System and Nano Nitrogen on Certain Growth and Flowering Characters in Ridge Gourd (<i>Luffa acutangula</i> L.) COH 1 Noopur Jaysawal and R.Sureshkumar	51346-51352
225	Decentralized Municipal Solid Waste Management and Institutional Arrangements: A Case Study of Chottanikkara Panchayat. Greeshma.P.V and Sivakami.N	51353-51360
226	Preliminary Phytochemical Studies on Some Medicinally Important Fern Species Collected from Udhagamandalam, Tamil Nadu, India Aadil Farooq Shah, Shagufta Rashid and Kumarasamy.D	51361-51368
227	Quality Assessment and Comparative Study of Different Marketed Brands of Atenolol Akash, Jasmin Kaur, Bhatia M, Harman Duggal, Vivek Sharma and Bhawna Pareek	51369-51374
228	Antibiotic Susceptibility Profiling and Multiple Antibiotic Resistance Indexing of Gram-Positive Bacteria from Poultry Litter Boovaragamoorthy Gowri Manogari, Murugadas Anbazhagan, Veerasamy Veeramani, Douglas J.H. Shyu, Subramaniam Sivakumar, Chinnadurai Jeganathan and Kaliannan Thamaraiselvi	51375-51386
229	A New Distributional Record of <i>Bombax insigne</i> Wall. (Malvaceae) from Banaskantha, North Gujarat Sanjay A. Patel, Mehul C. Makwana, Mukesh S. Mali and Yogesh B. Dabgar	51387-51389
230	Effect of Different Types of Preservative Chemicals with Sucrose on Quality and Shelf Life of <i>Jasminum auriculatum</i> cv. Santhana Mullai Loose Flowers R. N. Brindha Rani, P. Sowmiya and P. Karuppaiah	51390-51396
231	Pigment Production by Filamentous Fungi using Agro-Industrial by Products N.Uma Maheswari and B Snekhia	51397-51403

232	Study on the Physicochemical Parameters of Brackish water in Vembanad Lake, Alleppey, District, Kerala, India Prathibha Rd and D Usha Anandhi	51404-51410
233	Ancient Sanskrit Text and Scientific Development V.H.Asudani, Renuka Nafdey and Monika Seth	51411-51419
234	PMUY (Pradhan Mantri Ujjwala Yojana): A way forward towards Women Empowerment Devanshi Kapoor and Shilpi Gupta	51420-51430
235	Comparative Study of Total Resistance Exercise (TRX) Training Vs Calisthenics on Fitness Parameters in College Going Students Mansi Pandya, Ayesha Mulla and Gaurav Patel	51431-51437
236	Stochastic Model When Inter Contact Time Form a Poisson Random Variables A.Veena and R.Kannan	51438-51445
237	Deep Neural Network based Model for Real-Time People Detection in the Crowded Places G.Bharathi and G.Anandharaj	51446-51454
238	A Study on the "Modernization of Software Engineering" M.Saseekala	51455-51462
239	To Compare the Effectiveness of Kabat Rehabilitation Versus Facial Nerve Mobilization to Reduce Facial Disability in Bell's Palsy Naushin M. Qureshi, Hiral Solanki and Gaurav Patel	51463-51469
240	COVID-19 and Diabetes: Pathology, Complications, and an Integrated Clinical Management Amalan V, Seithikurippu R. Pandi-Perumal, Kanagathara N, Vijay K. Bharti, Jose Vinoth Raja A, Bhuvaneshwari VK, Girija S and N. Vijayakumar	51470-51479
241	Nitrogen Dioxide as Ozone Precursor for Delhi City with Specific Reference to Covid-19 Lockdown Period of 2020 (2019-2021) Priyanka Puri	51480-51486
242	Integrated Contourlet Tetra Pattern and Improved Schmidt Decomposition based Pattern Mining from SRSI R. Angelin Preethi and G. Anandharaj	51487-51496
243	Bounds and Algorithm for the Domination number of Line Graph using Signless Laplacian Matrix Pranjali Kekre and Kajal Mittal	51497-51505
244	Saline Stress: Strategies Adopted by <i>Phaseolus vulgaris</i> for Survival Sreedevi M. J and T. S Swapna	51506-51519
245	A Review of Current Practices in Aseptic Filtration Rishitha Reddy B, Amaranath KR, Divya Talasila, Hemanth Kumar S and Shailesh T	51520-51533
246	Comparision between Active and Sedentary Individual for Risk of fall by using Berg Balance Scale Krusha Dave, Chanchal Sharma, Rutvi Patel, Adyata Dave and Gaurav Patel	51534-51540
247	A Retrospective Study of Farmer's Admission and Disease Profile in Medical Critical Care Unit of Rural Tertiary Care Hospital Bharath B.Dhapalapur, Bhavika Singla, Maraka Kulachaitanya Krishna, Rachita G Mustilwar and Akshaya N. Shetti	51541-51545

248	An Assessment of Urban Land use / Land Cover Analysis: A Case Study of Salem Corporation with help of GIS and Remote Sensing Approach, Tamil Nadu Arul.P and R.Dinesh	51546-51551
249	Detection of Forest Land Cover Changes using Geospatial Technology in Yadgir District, Karnataka, India Chandrakala Linganna, Prakash Kariyajjanavar, M.Lingadevaru, K.Channabasappa, Vidyasagar C C	51552-51558
250	Hybrid Backward Production Scheduling for Manufacturing Systems J.Vilma Roseline and D.Saravanan	51559-51568
251	Solid State Fermentation for the Production of Ellagic Acid from Mango Pulp Industrial Waste using <i>Aspergillus niger</i> and Molecular Docking Against Targets of Covid-19 Rubavathi Anandan, Visali Kannan, Subathra Lavan, Neginah Vijayasingh Jesudian, Dinesh Kumar Sudalaimani and Murugan Athiappan	51569-51582
252	A Dynamic Hand Gesture-based Human Computer Interaction using Deep Learning Methods R. Brindha and A. Geetha	51583-51590
253	Induced Mutagenic Studies on Foxtail Millet <i>Setaria italica</i> (L.) P.Manivel, V.Prabakaran, S.Parvathi and S.Palanivel	51591-51597
254	A Comparative Study to Determine Effectiveness of Neural Tissue Mobilization and Cervical Stability Exercise for Pain, Handgrip Strength and Functional Limitation in Cervical Radiculopathy Kruti R. Trivedi, Hiral Solanki and Gaurav Patel	51598-51604
255	LCMS / MS Method Development and Validation for Solriamfetol Estimation in Rat Plasma Gurumurthy. T and P.V. Suresh	51605-51611
256	Smart Home Security System and Liveness Detection using Convolutional Neural Networks Amith Kumar N, Satheesh Kumar.G.R, Sreedhar.V, Surya.S.S, S.Saraswathi, V. Lokeshwari and K. Madheswari	51612-51617
257	Purification and Characterization of Bacteriocin Produced by <i>Lactobacillus plantarum</i> LBF1 Strain from Fish J.Jayachitra, P.Sivasakthivelan and E.Babu	51618-51624
258	A Review on Impacts of Covid-19: Blessings or Curses to the Environmental Quality and Human Life Style in Indian Context Moumita Sinha, Sabyasachi Mukhopadhyay, Priyabrata Mukherjee, Shayantika Dey, Barnali Nayak and Annesha Hembram	51625-51628
259	A Review: Ethanopharmacological Activity of <i>Koelreuteria paniculata</i> Laxm. Sudhakar Kaushik, Bhawana Bhatt, Aarti Sati, Akhilesh Nautiyal and Srishti Singh	51629-51636
260	Few Algebraic Structures on Q-Rung Orthopair Fuzzy Matrices K.Lalitha	51637-51646
261	Ergonomics and its Application in Architectural Design: Studio Design Exercise of A Residence for A Physically Challenged Couple Meeta Tandon	51647-51652
262	An Exploratory Data Analysis to Determine Autism Spectrum Disorder in Young Children using Machine Learning Approaches C.Karpagam and S. Gomathi alias Rohini	51653-51660

263	Suitability of Groundwater for Irrigation in Beedanahalli Watershed T.Narasipura Taluk, Mysuru District, Southern Karnataka, India using Geographic Information Science and Remote Sensing Sudeep S R, D.Nagaraju and Pradeepaju N	51661-51673
264	Impact on Knee Muscles Strength and Speed Performance with Specific Strength Exercises in Tennis Players - A Randomized Control Trial Vaibhav C Dave, Girish Baldha and R .Arunachalam	51674-51679
265	A Study on the Physicochemical Characteristics and Heavy Metal Analysis of Tannery Effluent on Dindigul District S.Jarina Banu and Delphine Rose M. R	51680-51685
266	Phytochemical Analysis, Antioxidant and Antimicrobial Screening of Leaves Extract of <i>Tetragium thomsonianum</i> Planch Himashree Bora, Madhu Kamle and Pradeep Kumar	51686-51697
267	Reducing the Power Oscillations in Transmission System by using Hybrid Power Flow Controller (HPFC) Rajesh Reddy Duvvuru and Vikas Kumar Aharwal	51698-51705
268	Covid-19 Pandemic: A Case Study of its Impact and Consequences on Different Sectors Saroj Agrawal and Yogesh Kumar Gupta	51706-51714
269	Awareness of School based Physical Therapy among School Teachers – A Multicentred Study P S .Bhavana, Janani R, P .V .Harihara Subramanyan and R .Parthasarathy	51715-51719
270	Current Physiotherapy Practice for Future Directions in Knee Osteoarthritis amongst Postmenopausal Women Vinayak Sawant and Suraj B. Kanase	51720-51730
271	Analysis of Recent Trends in the Collection of Specified and Non-Specified Non Timber Forest Produce in the State of Chhattisgarh Satya Kishan and Kavita Silwal	51731-51735
272	A Review of Cloud Based Augmented Reality / Virtual Reality Salini Suresh and Hammad Shahid	51736-51740
273	Diabetes Mellitus Prediction using a Suite of Machine Learning Algorithms Hemanth.K.S, Muralidhara.B.L and Sreenivasa.HV	51741-51745
274	Comparative Study on Public, Private and Consortium Blockchain Sheetal and Vasantha kumari N	51746-51753
275	Role of Global Cloud Security in Various Fields Vishnu G Yadav, Sumanta Debnath and Salini Suresh	51754-51757
276	Strong Domination Number of New Graphs Sarang Sadawarte and Sweta Srivastav	51758-51763
277	Exploring Consumers' Behaviour towards Organic Food in India G. Anitha Rathna and M.Sumathy	51764-51771

Editorial.....



Climate Literacy

Human-induced climate change is causing dangerous and widespread disruption in nature and affecting the lives of billions of people around the world, despite efforts to reduce the risks. The world faces unavoidable multiple climate hazards over the next two decades with global warming of 1.5°C (2.7°F). Even temporarily exceeding this warming level will result in additional severe impacts, some of which will be irreversible. Risks for society will increase, including to infrastructure and low-lying coastal settlements. Increased heatwaves, droughts and floods are already exceeding plants' and animals' tolerance thresholds, driving mass mortalities in species such as trees and corals. These weather extremes are occurring simultaneously, causing cascading impacts that are increasingly difficult to manage. They have exposed millions of people to acute food and water insecurity, especially in Africa, Asia, Central and South America, on Small Islands and in the Arctic. Scientists point out that climate change interacts with global trends such as unsustainable use of natural resources, growing urbanization, social inequalities, losses and damages from extreme events and a pandemic, jeopardizing future development. Climate literacy explores future impacts at different levels of warming and the resulting risks and offers options to strengthen nature's and society's resilience to ongoing climate change, to fight hunger, poverty, and inequality and keep Earth a place worth living on – for current as well as for future generations. Climate education empowers all people, but especially motivates the young to take action. Climate change education is an urgent need. It can make society aware of change and protect the Earth and its environment from dangerous inputs. Through this education, factors such as individual human morality, living in harmony with nature, conservation of biodiversity will be protected. Climate change education should be widely disseminated to the public through colleges, schools, public service institutions, research centers, village administrations, etc. and appropriate personal training should be provided.

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