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Policies on Ethics, Conflict of Interest, Human and Animal Rights, and Informed Consent

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(Bi- monthly – Print)

Volume XVI (16) CODEN: IJONS (89) (2025)		ISSUE 89	April 2025 ISSN: 0976 - 0997
S. No.	CONTENTS	Page No.	
302	Recent Developments to Detect Brain Tumor using Data Mining with Machine Learning: A Survey Jiji.K and A.Nithya Rani	93131-93139	
303	Enhanced Network Anomaly Detection using Machine Learning: A Comparative Analysis Reetu Sheoran ¹ , Preeti Patidar, Aminu Lawal Adam and Neetu Dabas	93140-93145	
304	Network Security Enhancement Through Intelligent Steganographic Learning: A Systematic Approach S.Pradeep and A.Geetha	93146-93153	
305	Application of Linear Programming for Profit Maximization: A Case Study of a Cookies Factory in Malawi Lynnly Thengolose, Sangeeta Gupta, Sweta Srivastav and Deepti Gupta	93154-93157	
306	Comparative Analysis of Deep Learning Models for Lung Disease Detection: Vision-Enhanced Optimized Reread Deep Neural Network with Transfer Learning N. Suganthi and K.Sarojini	93158-93173	
307	Forecasting Cyber Security Incursion Sasikumar.B and G.M. Nasira	93174-93178	
308	Advanced Data Visualization and Business Intelligence using Power BI: A Comprehensive Analysis of Sales Performance and Market Trends Reetu Sheoran, Preeti Patidar, Mustapha Mukhtar Muhammad and Neetu Dabas	93179-93184	
309	Comparison of Vibrational Resonance in a Damped and Two-Frequency Driven System of a Particle on a Rotating Parabola and Vibrational Resonance in a Damped Bi- Harmonic Driven Mathews – Lakshmanan Oscillator Kavitha.R, Kabilan.R and Venkatesan. A	93185-93188	
310	Fortification of Encapsulated Polyphenols using Natural Wall Material V Subasshini, S Pooja and P Gayathri	93189-93198	
311	AI - Powered Personalization in Education: Exploring Potential and Confronting Challenges in Learning and Assessment Parinka Sharma, Sanchita Singh, Aditti Bhadwal and J. N.Baliya	93199-93205	
312	Exploring the Star Edge Chromatic Number of Tensor Product with an Applications in Cryptography Kowsalya and D. S. Madhumathi	93206-93212	
313	Sustainable Development: An Abridgement A. K. Rath	93213-93217	

314	Understanding Patient Satisfaction in Physical Therapy: Analysis of External and Internal Factors using the MedRisk Instrument Dimple Patel and Kaushik K. Patel	93218-93222
315	Treatment of <i>Helicobacter pylori</i> Infection based on Liposomal Formulation Containing Urease Inhibitor and Antibiotics Drugs Mahendra Chouhan, Rajesh Sharma, Seema Sharma and Sampat S. Tanwar	93223-93239
316	Phytotherapeutic Advancements in Wound Healing Process : A Comprehensive Review of Selected Medicinal Plants and their Nanoformulations Yogesh Kumar S, Annegowda H V, Vidya Shree N S, Harish C J and Vedamurthy Joshi	93240-93255
317	A Hybrid Approach of Similarity Measure and Monte Carlo Methods for Cordless Tool Adoption M. Emimanimcy and A. Francina Shalini	93256-93264
318	AI based Approach for Enhancing the Role of Earth Observations Jaya Saxena,V M Chowdary and M A Fyzee	93265-93271
319	Bamboo Biodiversity of Assam and North East India with reference to the Endemic Species Distribution, Traditional and Medicinal uses and its Role as Sustainable Resources: A Review Jonardan Hazarika, Atlanta Kalita, Prachujya Gogoi, Ankita Das, Tanmee Deori, Ruk Sahana Hoque, Dixita Das, Soujit Kumar and Tinamoni Hazarika	93272-93287
320	A Study on Neutrosophic Fuzzy M-Subgroup P. Pandiammal, P. Karthiga Rani and J. D. Sundari	93288-93297
321	Molecular Taxonomy and Phylogeny of Oligochaetes – A Concise Review Rakesh Ranjan, Manoj Kumar, Manoranjan Prasad Sinha and Bharti Singh Raipat	93298-93304
322	Gaussian-Enhanced CNN Model for Diagnosis Diabetic Retinopathy Stages with Various Deep Learning models Mahalakshmi Sampath and Mohammad Akram Khan	93305-93314
323	Standardizing and Modernizing Siddhi Sthana Practices in Ayurvedic Healthcare Divya, Sangeeta H. Toshikhane and Varsha Kumari	93315-93324
324	A Review on <i>Citrus limon</i> : uses, Health Benefits, Bioactive Components and Cosmetology Properties Rumaisa A, Nusrath. C, Shaman Salam K T and Krupa S	93325-93330
325	Quantum Computing in Medical Imaging and Diagnostics: Advancements and Applications Neethu V A, Arun Vaishav and Mohammad Akram Khan	93331-93339
326	Bioremediation of Copper from Waste Water using Nano Formulated Organic Waste Adsorbent Shilpa H, O S Nimmi , Y Sameena, and S V Mirudhula	93340-93354
327	Examining Scientific Attitudes between Male and Female Secondary School Students Ananthula Raghu	93355-93361

328	Susceptible Exposed Infected Recovered Model with Prey Population Species R.Sivakumar and S.Vijaya	93362-93375
329	Diversity of Butterflies (Lepidopterans) Present in the Government arts College Campus Chidambaram, Cuddalore District B.Parthiban and Aruljothi B	93376-93381
330	Characterization of New Topological Sets using Omega-Open Set N. Rayshima and C. Rajan	93382-93389
331	Review on Early Disease Prediction using Iridology with Data Mining Techniques and its Scope in NAFLD L.Mahalakshmi and K.Nandhini	93390-93403
332	Covid-19 Pathophysiology and Drug Delivery Strategies for Treatment- A Review Aisha Rahman, Javeria Tamkeen, B.Preethi and K. Latha	93404-93409
333	Artificial Intelligence Future of Dentistry - Optimism or Pessimism Shivani Sachdeva, Amit Mani, Jidnyasa Mali, Aishwarya Deshmukh and Shivani Bhosale	93410-93415
334	Isolation of Lactic Acid Bacteria from Marine Water and Screening for its Anti-Tyrosinase Activity S. Divya Bharathi and N. Gomathi	93416-93426
335	Revolutionizing Healthcare : Cutting - Edge Data Analytics Solutions R. Suganthi and K. R. Dhanya	93427-93436
336	Asymptomatic Tooth Extraction without or with Antibiotic Therapy Karandeep Singh, Atul Sharma, Monika Gupta, Aayush Malhotra and Gurinder Bir Singh Thind	93437-93443
337	A Holistic Ayurvedic Approach to Masoorika w.s.r. to Chickenpox - A Single Case Study. Hiral Jayantilal Jethava, Anitha .H, Rohit Narendra Gujarathi and Sachi Prajapati	93444-93449
338	Harmonic Filters Present and Future Market Techno Business Perspective Dhruv Lad, K L Mokariya, C D Thakor and K.I.Patel	93450-93459
339	Addressing Malnutrition: Strategies for Teenage College Girls with reference to Chennai City Veturi V. V. Padmaja	93460-93465
340	A Red Flag for Oral Health: Anemia's Associated with Dental Patients": A Retrospective Study Deivanayagi M, Anitha Sankar and Narmadha Chandran	93466-93472
341	Evaluation of <i>In-vitro</i> Anthelmintic Activity of Siddha Herbal Formulation - Meni Thailam M. Keerthana, K.Vennila, K.Rajeswari, Karthika Prakasan and M. Meenakshi Sundaram	93473-93476
342	Efficient and Secure IoT Communication: A Hybrid Cryptographic Framework Integrating KaTaPaYadi Encoding, AI and Lightweight AES-ECC Sreeja Pand Priyang Bhatt	93477-93491

343	A Scaled YOLOv4 Approach for Accurate Object Detection in Field Hockey Suhas H. Patel, Dipesh Kamdar and Tejaskumar B. Sheth	93492-93499
344	Refining Ketoconazole Antifungal Emulgel Formulations for Optimal Seborrheic Dermatitis Management: A Scholarly Review Rohini Kadam, Yogendra Malviya and Vikas Jain	93500-93512
345	Explore the Reasons to Elective Caesarean Delivery among Postnatal Women : A Narrative Review Kinjal Prakashbhai Rathod, Angelina Arvindbhai Makwana and Anjali Pushkar Tiwari	93513-93518
346	A Comparative Study of the Effects of Capsular Stretching, Maitland Mobilization and Muscle Energy Technique with Interferential Therapy in Periarthritic Shoulder Deka Reema, Yashar Sania Rizvi and Paul Mantu	93519-93527
347	Mapping Terrain Features : A Geoinformatics - based Study of Yetthinahole Catchment in Hassan District of Karnataka Mahesha .D .B and Shivanna	93528-93537
348	A Study on the Assessment of Severity of Depression among the Patients with Type-II Diabetes Mellitus Polipalli Neelima, Magharla Dasartha Dhanaraju, Ramam Sripada, Sala Mehar Aruna Kumari, Nandula Meher Satyavani, C.S.S. Sai Vivek, Mobina Dokhaei and Mogalipuri Bhavani	93538-93542
349	Exploring the Theories of <i>Srotodushti</i> and <i>Khavaigunya</i> : Insights from Ayurvedic Literature Sharanya .R and Rajesh A Udapudi	93543-93551
350	Met Analysis of Jeevantiyadi Ghreeta Eye Drops Nimesh P Sangode, Ravi B Joshi and Gautam P Dabhi	93552-93557
351	GIS-based Spatial Analysis of Cultural Tourism Hotspots in Salem : Integrating Heritage Conservation with Environmental Sustainability M. Prema and R. Rajeshwari	93558-93565
352	A Study on Health Hazards Faced by People Living in Ponnapuram SIDCO Region, Tiruppur, Tamil Nadu Geethu .R and T.R.Satyakeerthy	93566-93570
353	Bathymetry Mapping with Unmanned Underwater Bots Devanshu Joshi, Samarth Vekariya, Dishita Mashru, Aditi Jadeja, Soniya Aghera and Darshana Patel	93571-93579
354	A Web-based Model for Diabetes Prediction using Machine Learning Techniques Anantha Kumar K, Sarala M, Maya A K R, Muralidhara B L	93580-93589
355	Development and <i>In-vitro</i> Evaluation of Fe ³⁺ Cross Linked Sodium Alginate- Methyl Cellulose Semi-Interpenetrating Polymer Network Beads for Controlled Release of Irbesartan Y. Amarnath Reddy, K. Divya, K. Uday Bhaskar, N. Venkata Prasad, B. Ramya Krishna and Jyosna Doniparthi	93590-93599

356	Effect of Seasonal Variation on Phytochemicals of <i>Neolamarckia cadamba</i> (Roxb.) Bosser Bark. Jyoti Chauhan and Bharat Maitreya	93600-93607
357	Exploring the Influence of the Covid-19 Pandemic on the Mental Health of Journalists in Chennai: An Empirical Analysis Thenmozhi Pandian, S. Indira Priyadharsini and L. Sai Ramesh	93608-93615
358	Measuring the Research Productivity on Forensic Toxicology: A Scientometric Analysis S.Srinivasargavan, A. Shanmuganathi and N. Prasanna Kumari	93616-93622
359	Complementary Connected Domination Labeling Number for Fuzzy Graphs A. Reigana Begum and V. Krishnan	93623-93631
360	Knowledge, Attitudes about the use of Medications and Water Content Food Habits among Diabetic Patients Senthilraj Rajapandi, Anandarajagopal Kalusalingam, Vigneshwar Murugesan, Evelyn Sharon Sukumaran, Monisha Anandan, Abdul Sameershagul Hameedhu, Sakthi Ravi and Santosh	93632-93638
361	Promoting Equal Access to Healthcare for Transgender People in India: A Systemic Assessment Swati Sharda	93639-93646
362	Tritopological Vector Spaces via Semi-Open Sets M. Kumar and A.Arivu Chelvam	93647-93653
363	Standardization of the Siddha Herbal Formulation- <i>Devadaru Kattai Chooranam</i> T.Anu Priya Varthini, M.Kowsalya, A.Amala Hazel and M.Meenakshi Sundaram	93654-93663
364	Awareness of Textile Recycling Among Women's College Students In Tiruchirappalli District, Tamil Nadu K. Nandhini	93664-93671
365	An Efficient Swarm Intelligence Algorithm-based Recurrent Neural Network for Distributed Denial of Service Attack Detection Method in Cloud Computing S. Kalvikkarasi and A.Saraswathi	93672-93687
366	A Case Study on Gridhasi (Sciatica) w.s.r to Ayurvedic Management Kavya Raval and Dattu Bandapalle	93688-93695
367	Future of Libraries: Role of AIMAN College of Arts and Sciences for Women in Integrating Smart Technologies for Better user Experience S.Kanagasundari, M.Munafur Hussaina and S.Sharmila	93696-93701
368	Evaluation of Biochemical Parameters in Pregnant Versus Non-Pregnant Lalramdinpuui, Umesh Kumar and Meenakshi Mishra	93702-93709
369	Fuzzy Game Theory in Complex Networks: Modeling Node Behavior and System Uncertainties S.Thiravida Arasi and L. Nagarajan	93710-93716
370	Fake News Detection Tharun.R and P.Jeyanthi	93717-93721

371	A Drug Review on Siddha Drug - Thanneervittan Nei S K.Karunya, S.Eswari and M.Meenakshi Sundaram	93722-93732
372	A Comparative Analysis of DNA Sequence Compression using Conventional and Emerging Deep Learning Technique Alam Jahaan and L. Amudavalli	93733-93739
373	Development of Reinforcement Learning Models to Optimize Treatment Plans and Drug Dosages for Patients D. Aasha, K. Sujith, R. Surendiran and N. Vanjulavalli	93740-93747
374	A Review on the Role of Aswathy Chooranam in the Management of Paandu (Anaemia) N.A. Bharathi, H.Vetha Merlin Kumari and Senthilvel G	93478-93761
375	Spatially Weighted Ensemble Regression Model (SWERM) for Crop Yield Prediction R.Mercy, T.Lucia Agnes Beena and P.S.Maya Gopal	93762-93772
376	<i>In vitro</i> Screening of Antioxidant and Anti-Inflammatory Potential of Cape Gooseberry (<i>Physalis peruviana</i>) Kavitha G. Singh, Meghana. J, Zalak B. Marsonia and Selvaganapathy M	93773-93783
377	Bucklin Bootstrap Aggregated Canonical Correlative Association Rule Classification for Extracting High Frequent and Utility Item Sets R.Savitha and V.Baby Deepa	93784-93792
378	Smart Waste Management System for Smart Cities R. Kavitha, P. Sumathi and M. Karthikeyani	93793-93800
379	A Clinical Study to Evaluate the Efficacy of <i>Mukha Daurgandhya Har Kavala</i> in the Management of <i>Mukha Daurgandhya</i> Santara Kumari Dhaker, Brahmanand Sharma and Hemant Rajpurohit	93801-93808
380	Functional morphology of climbers with Histochemical studies to unlock the hidden secrets of genetical, species and ecosystem level diversity Nandagopalan Veeraiyan and Sivaramakrishnan Balasubramanian	93809-93820
381	Fuzzy Graph - based Ranking of Alternatives in Conflict-Driven Decision- Making Scenarios S. Anitha and M. Vijaya	93821-93826
382	Multimodal Hate Speech Detection: Analyzing Text and Images for Enhanced Cyberbullying Sentiment Analysis on Social Media Platforms S.Kasthuri and A.Premnath	93827-93836
383	Effect of Swiss Ball and Theraband Exercise in Combination with Pranayama Practices on Selected Physiological Variables among Middle- Aged Women Mayanglambam Romen Singh, Md.Nazarul Islam Shah, S. Ponson and Ahsan Huda Yumkhaibam	93837-93844
384	IoT based IV Bag Monitoring and Alert System J Sakthi Devi and F Priscilla	93845-93849
385	The Evolution of Predictive Analytics in Consumer Behavior: A Review of Machine Learning and NLP-based Approaches V. Shanmugapriya, J. Chockalingam and A. Shaik Abdul Khadir	93850-93860

386	A Study to Evaluate the Effect of Ergonomic Changes on Level of Risk of Musculoskeletal Disorders and Work-Related Pain in Diamond Galaxy Planner of Surat City Komal S. Modi, Ikshita J. Kikani and Madhavan Iyenger	93861-93867
387	A Study on Screening and Isolation of Fungal Species from Hydrocarbon Contaminated Soils Merlyn Stephen and A. Paneerselvam	93868-93879
388	Skin Cancer Prediction using Deep Learning R. Subashree and C. Thangamani	93880-93884
389	Impact of Artificial Intelligence on Neurosciences: A Scientometric Study M. Surulinathi and K. Balendran	93885-93895
390	A Comprehensive Review of Text Pre-Processing and Feature Engineering Techniques for Consumer Behavior Forecasting V. Shanmugapriya, J. Chockalingam and A. Shaik Abdul Khadir	93896-93907
391	Optimizing Storage Management Policies for Enhanced Security in Hybrid Cloud Environments for Social Networking Platforms M. Saraswathi and R.Sugumar	93908-93914
392	Effectiveness of Dry Needling along with Conventional Physiotherapy in Patients with Adhesive Capsulitis - A Randomized Control Study Rachele Newme and Lopa Das	93915-93921
393	Enhancing Fairness and Explainability in AI Systems Through the Integration of LEFI and CEIK Models: A Scalable Framework for Ethical AI in Large-Scale Environments P.Hemalatha and J. Lavanya	93922-93930
394	Forecasting Rating for SMRR Dataset using Collaborative Filtering M.Munafur Hussaina and S.Kanagasundari	93931-93936
395	A Neutrosophic Fuzzy Optimization computational framework for Uncertainty Management in Insurance P.Jamuna Devi, R.Sophia Porchelvi and R.Karthi	93937-93944
396	Hand Gesture-based Approach for Youtube Control System using Computer Vision Sunena Sirajudeen and K.Vembandasamy	93945-93948
397	Modelling Uncertain Relationships in Decision Systems using Intuitionistic Fuzzy Graphs S. Anitha and M. Vijaya	93949-93954
398	A Enhancing Spectrum Efficiency in Cognitive Radio Networks with Cooperative Prediction and Spatial Sensing Vinobha C S and L. Nagarajan	93955-93962
399	Employee Attrition Prediction using Machine Learning S.Maheshkumar, S.Sivakumar and A.Sunilsamson	93963-93971
400	Blockchain-Driven Solutions for Crisis Management: Enhancing Accountability and Resource Allocation in Humanitarian Aid G.Kalpana, J. Chockalingam and A. Shaik Abdul Khadir	93972-93978

401	Exploring Game Theory Applications in Network Analysis: Challenges and Future Insights S.Thiravida Arasi and L. Nagarajan	93979-93986
402	Detecting Fraud Apps using Sentimental Analysis Saranpranesh J and C.Nandhini	93987-93992
403	Brown Boosted Ensemble Canonical Correlative Rule Generation for Mining Top Frequent and Utility Item Sets R.Savitha and V.Baby Deepa	93993-94002
404	Optimizing Building Stability with Machine Learning-Based Soil Classification M. Rajeshwari and S.Kumaravel	94003-94008
405	Smart Medicine Reminder System: A Life Saving Innovation for Medication Management Induja .N, Archana.S and D.Sampath Kumar	94009-94012
406	The Advancing Cognitive Radio Networks: Machine Learning Approaches for Adaptive Modulation and Coding Schemes Vinobha C S and L. Nagarajan	94013-94019
407	Predictive Analytics for Crisis Mitigation: A Machine Learning Approach to Analyzing Big Data for Proactive Planning G.Kalpana, J. Chockalingam and A. Shaik Abdul Khadir	94020-94026
408	Healthcare Dataset Extraction to Preserve in Privacy Mode with High Utility D. Aasha, K. Sujith, and N. Vanjulavalli and R. Surendiran	94027-94033
409	Molecular Characterization of Crude Oil Spill Fungi Isolated from Hydrocarbon Contaminated Soil of Thanjavur, Tamilnadu, India. Merlyn Stephen and A.Paneerselvam	94034-94039
410	Enhancing Crop Yield Predictions through Stacked Ensemble Regression with Advanced Meta-Learners R.Mercy and T.Lucia Agnes Beena	94040-94048
411	Formulation and Evaluation of Orodispersible Tablets of Hydralazine Hydrochloride using Natural, Synthetic Super Disintegrants G.V.Ramireddy, D.Triveni, Ch.Bavana, M.Vasavi, R.Jahnavi, SK. Khanes Fatima and Ramarao Nadendla	94049-94053
412	Machine Learning-based Approaches to Strengthening Network Intrusion Detection Systems N. Vijayalakshmi, K. Sujith, N. Vanjulavalli and R. Surendiran	94054-94060
413	Indian contribution to Agriculture and Climate Change Research: A Scientometric Study M. Surulinathi and K. Pandiyarajan	94061-94069
414	A Neutrosophic Linear Programming Approach To The Shortest Path Problem S. Kavitha and M. Kaliraja	94070-94076
415	Graph Mining Based Clinical Decision Support System for Drug Selection using Sequential Minimal Neural Network P. India Solai and G.Srinaganya	94077-94090

416	Isolation and Extraction of Metabolites form Endophytic Bacteria from Marine Sand Dune Plant – <i>Ipomoea Pes-Caprae</i> Arul Kanna P, Senthil R, Mohankumar Narayanan, Balamurugan Palanisamy and Natesan Manoharan	94091-94102
417	Enhancing Equity Market Price Prediction: An Adaptive Approach with Deep Learning and Sentiment Analysis of Microblogs M.Bhuvaneswari and S. Kumaravel	94103-94108
418	A Multi Markov Model Approach to Analyzing Focus Time and User Intent in English Twitter Activity T. Suguna and S. Indrakala	94109-94118
419	Enhancing Intrusion Detection Systems through Optimization Algorithm based Machine Learning Techniques N. Vijayalakshmi, K. Sujith, N. Vanjulavalli and R. Surendiran,	94119-94126
420	Research Assessment of Top Nirf Ranking Universities In The State of Tamil Nadu: A Scientometric Analysis Shambhu Gowda H C, Chethan Kumar A R, S. Srinivasaragavan and S.Gayathri	94127-94137
421	Chronic Kidney Disease Detection using Deep Neural Network A Sithi Jaffira, N Jayaveeran and A Shaik Abdul Khadir	94138-94146
422	Publication Productivity of Bharathidasan University, Tiruchirappalli: A Scientometric Analysis Meenambigai S and SelvaM J	94147-94155
423	Isolation of Endophytic Bacteria from Sand Dune Plant <i>Rosa rugosa</i> for Biomedical Applications Arul Kanna P, Senthil R, Mohankumar Narayanan, Balamurugan Palanisamy and Natesan Manoharan	94156-94167
424	Global Research output on Artificial Intelligence and Neurosciences: A Scientometric Study M. Surulinathi and K. Balendran	94168-94178
425	Consistent Fuzzy Displays and their classification on Cartesian product, Tensors Product and Normal Products M.Vijaya and M. Asha Joyce	94179-94185
426	Documentation of External Medicines and Procedures used in <i>Varma Maruthuvam</i> for the Management of Specific Fractures (<i>Enbu Murivu</i>) – Literature Review Mangaleshwari Baskaran, Siva Annamalai and Elamathi Srinivasan	94186-94192
427	Interval-Valued Neutrosophic Soft Multisets J. Jayasudha and C. Kowsalya Harishanthi	94193-94210
428	A Curious Number Triangle M. Devika and R. Sivaraman	94211-94214
429	Screening and Characterization of Toxigenic Fungi in Sea Salt: Assessment of Mycotoxin Production Potential and Food Safety Implications S. Nandhini, Shruthi .M and Abishikha .S	94215-94223

430	Evaluating the Performance of Post-Quantum Cryptography : A Comparative Study of Key Generation, Signing and Verification Processes Alvary Kefas Kwala, Alpna Mishra and Kumur John Haganawiga	94224-94229
431	Independent Transversal Steiner Number of a Graph R. Vasanthi and M. Perumalsamy	94230-94239
432	Graph Parameters on Some Graph Operators of Cyclic Subgroup Graph of Non-Abelian Groups S. Ragha and R. Rajeswari	94240-94246

Editorial ...



Every year April 22nd we are celebrating and observing World Earth Day in across the world. This day is the best day to raise awareness about the Earth. The theme of Earth Day 2025 is "Our Power, Our Planet." This Earth Day marks the 55th anniversary. Our planet Earth is the greenest, most fertile, and most habitable planet in the universe. The basic source of life is not only water but also the soil on Earth. There is a difference between the soil on other planets and the soil on Earth. The soil is alive. It is also the center of life production. If there is no soil, there is no life. Because, we all know that soil is the food that provides life. Many years we have been led to believe that fossil fuels can only power the planet, but that is not true, and that by the 2030s, the planet's electricity will be powered by solar energy, says Denise Hayes, organizer of the first Earth Day. Our ancestors lived in harmony with nature. They gave us that wealth without destroying nature. It is our primary duty to pass it on to future generations. This year's Earth Day calls on everyone around the world, especially in 192 countries, to unite behind renewable energy. The day also aims to triple global clean electricity production by 2030. Solar power is a renewable energy source that does not produce greenhouse gases, does not cause climate change, and improves our environment and human health. We are all join together on Earth Day to take action—through education, advocacy, and mobilization—to pledge to take action on Earth on social media, to participate in local events, to plan and register, and to integrate Earth Day lessons into the curriculum. Furthermore, due emphasis should be given to high-level research and development programs on technologies that meet our global energy needs from clean, affordable renewable energy sources such as solar, wind, geothermal, wave, and hydro resources, and government and private institutions, universities, colleges, and research centers should come forward to make these technologies accessible to all. Forty-nine countries, including India, Canada, Switzerland, Austria, New Zealand, Brazil, Norway, Sweden, and Denmark, already generate more than half of their electricity from solar, wind, hydro, and geothermal resources. For example, Iceland gets 99.99 percent of its electricity from renewable sources. "It takes a collective people's power to make a big shift to renewable energy," says Kathleen Rogers, president of EDO. The 20 million people who marched on Earth Day in 1970 sparked the modern environmental movement, leading to clean air, water, and wildlife protection. In 2024, a campaign to reduce global plastic production captured the attention of the world's nations. Renewable energy can directly or indirectly alleviate poverty, improve quality of life, and improve health outcomes. For example, reducing greenhouse gas emissions reduces health risks associated with climate change, such as heat waves, floods, and the spread of infectious diseases. And reduced air pollution reduces respiratory and cardiovascular diseases, including asthma and stroke. Renewable energy is not only clean and healthy – it represents a huge economic opportunity and is projected to create 14 million new jobs worldwide, with renewable energy globally growing by 17.2% annually from 2024 to 2030. This transition to growth may present us with many obstacles, but our overarching goal is to move away from our dependence on fossil fuels and embrace a sustainable future.

Editor in Chief, IJONS

Cover Image: *Dahlia tenuicaulis* P.D.Sørensen (Family: Asteraceae)

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