Brief Report of

ESW 8th Annual National Research Conference on

Anthropogenic Impact on the Environment, Society and Human health On 30 & 31 January, 2021.

Organized by: Environment & Social Welfare Society, Khajuraho, India.

Website: www.godavariacademy.com and www.ijgsr.com

Event supported by:

Zoological Survey of India, Ministry of Environment, Forest and Climate Change, Government of India, Kolkota.

The National Academy of Sciences India, Bhopal Chapter, Madhya Pradesh.

Central University of Jharkhand, Ranchi, Jharkhand.

Madhya Pradesh Council of Science & Technology, Bhopal.

Shri Krishna University, Chhatarpur, Madhya Pradesh.

Godavari Academy of Science & Technology, Chhatarpur, Madhya Pradesh.



Prof. Anil Kothari, Honourable Director General, M.P. Council of Science and Technology, Bhopal inaugurated ESW 8th Annual National Research Conference-2K21

A PRELUDE: After the success of ESW 7th Annual National Research Conference on *Climate change and Global Health Management* on 01 & 02 February, 2K20 Environment & Social Welfare Society, Khajuraho, Madhya Pradesh, India organized its **ESW 8th Annual National Research Conference on Anthropogenic Impact on the Environment, Society and Human health** during 30 & 31 January, 2021. At Online Zoom app due to pandemic COVID-19 at 11:45 AM to 04:30 PM.

OBJECT: To provide a platform to Vice Chancellors, Educational Administrators, College Principals, Deans, Head of Departments, Professors, Readers, Associate Professors, Assistant Professors, Scientists, Environmentalist, Researchers, Young scientists and Post Graduate Students to disseminate knowledge related to Anthropogenic Impact on the Environment, Society and Human health.

GOAL: The principal goal of this conference will be to present some of the latest outstanding breakthroughs in Climate change and Global health management, to bring together both young and experienced scientists from all regions of the world, and to open up avenues for research collaborations at regional and global level

THEME: To take some positive steps towards improving our Environment, Society and Human health for our

future generation

INAUGURAL FUNCTION: The ESW VIII Annual National Research Conference inaugurated on 30 January, 2021 by Chief Guest Prof. Anil Kothari, Director General, M.P. Council of Science and Technology, Bhopal Key note speaker: Dr. Kunal Kumar Das, Former Scientist, IIRS, ISRO, Dehradun, UK, Guest of Honour Dr. Shiv Ji Malviya, Deputy Secretary, Uttar Pradesh Higher Education Service Commission, Prayagraj, Uttar Pradesh, Prof R. K. Day, Vice Chancellor, Central University of Jharkhand, Ranchi, Jharkhand, Prof. K. K. Sharma, Former Vice Chancellor, Maharishi Dayanand Saraswati University, Ajmer, Prof. Arvind Chandra Pandey, Central University of Jharkhand, Ranchi, Mr. Santosh Gupta, CEO, Indian Social Responsibility Network, New Delhi, Dr. Anil K. Dhagat, Vice Chancellor, SKU, Dr. K. S. Tiwari, Former Director, IGNOU. and Dr. Ashwani Kumar Dubey, President Environment & Social Welfare Society, Khajuraho, Madhya Pradesh, Fellow/Member of Environment & Social Welfare Society Khajuraho, India, Mrs. Vandana Dubey, Managing Director, Godavari Academy of Science and Technology, Chhatarpur, MP and other distinguished guests, participations from various part of country and thousand+ viewer/listener including social media were participated in conference.

Online Souvenir released with Message of Prof. Anil Kothari, Director General, MPCOST, Bhopal and Dr. Brajendra Singh Gautam, Honorable Chancellor, Shri Krishna University, Chhatarpur. Ninety three research Abstract received from various part of country including India, Nepal, Germany, Argentina and Nigeria. State of India viz. New Delhi, Madhya Pradesh, Uttar Pradesh, Maharashtra, Rajasthan, Gujarat, Uttarakhand, Bihar, Jammu & Kashmir, Tamil Nadu, Meghalaya, Laddakh, Odisha and Andman Nicobar.

Released Souvenir online "Anthropogenic Impact on the Environment, Society and Human health" by Guest Released Book online "Genetics" edited by Prof. Ashwani Kumar Dubey & Prof. Sunita Singh by Guest

Chief Guest Prof. Anil Kothari addressed on Role of science and technology on human health.

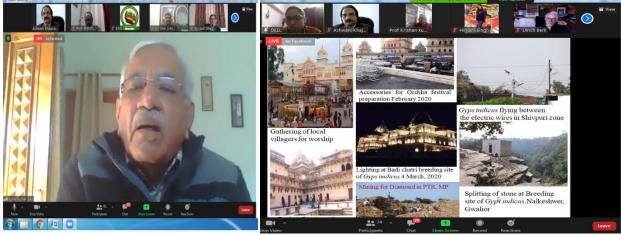
Key note speaker: Dr. Kunal Kumar Das, Former Scientist, IIRS, ISRO, Dehradun, UK, delivered Key note address on Identifying anthropogenic activities using Earth observation Satellite.

Guest of Honour Dr. Shiv Ji Malviya, Deputy Secretary, Uttar Pradesh Higher Education Service Commission, Prayagraj, Uttar Pradesh, highlighted on Role of higher education in society.

Prof R. K. Dey, Vice Chancellor, Central University of Jharkhand, Ranchi, Jharkhand, highlighted on Environment management.

Prof. K. K. Sharma, Former Vice Chancellor, Maharishi Dayanand Saraswati University, Ajmer, highlighted on Impact of COVID-19 in education.

Dr. Ashwani Kumar Dubey, Executive Director, ESW Society and Organizing Secretary of conference addressed the role of ESW Society in the Environment, Society and Human health.



TECHNICAL SESSION: After the inauguration, the technical session started by Prof. S. N. Pandey, Pro. Chancellor, The Global University, Nagaland. Research papers and posters presented in the technical session by research scholars & academicians.

The general topics discussed in the conference as follows in Five Scientific Session and One Poster session.

Environmental Sciences: Environmental Ethic, Environmental Legislation, Environmental Impact Assessment, Environmental Management, Environmental Policies, Environmental Pollution, Natural Resources Conservation.

Bio-sciences: Agricultural Science, Anthropology and Behavioral Sciences, Animal Husbandry, Aquaculture, Biodiversity, Biotechnology, Biochemistry, Bioinformatics, Cell and Molecular Biology, Fish and Fisheries, Home Sciences, Immunology, Life Sciences, Limnology, Medical Sciences, Microbiology, Nutrition, Plant Sciences, Taxonomy, Tissue Culture, Toxicology, Veterinary Sciences, Wildlife Conservation, Zoology.

Earth and Atmospheric Sciences: Mineralogy and Wildlife.

COVID: All aspects.

21st FOUNDATION DAY OF ESW, VALIDICTORY & AWARD CEREMONY ON 31 JULY:

Chief Guest Prof. Asha Shukla, Vice Chancellor, Dr. B. R. Ambedkar University, Mahow, President Dr. Kanhaiya Tripathi, Former OSD to the President of India, Govt. of India. Special Guest Prof P. K. Verma, Former Vice Chancellor, BU University, Bhopal, Prof. Akhilesh Kumar Pandey, Vice Chancellor Vikram University, Ujjain, Cdr. Bhushan Diwan, Bombay, Maharashtra, Dr. Nandita Pathak, National Social Entrepreneur, New Delhi, Dr. Yash Pal Singh, New Delhi and Dr. Ashwani Kumar Dubey, President ESW Society were the Guest of Honour of the Valedictory and Award ceremony of the conference and other eminent scientists were present on this occasion.





AWARD CEREMONY:

National Amazing Godavari Memorial Award (NAGMA) "Excellence in Education and Science" Prof Asha Shukla, Vice Chancellor, Dr. B. R. Ambedkar University, Mahow, Madhya Pradesh.

ESW Fellowship

Dr. Arvind Kumar Dwivedi, Government Sanjay Gandhi Smriti College, Sidhi, Madhya Pradesh

Dr. Amit Pal, Professor, Institute of Environment & Development Studies, Bundelkhand University, Jhansi, UP.

Dr. Niraj Kumar, Department of Zoology, L.N.D. College, Motihari, Bihar

Dr. Sarda Prasad Mohapatra, Associate Professor of Botany, Narasingh Choudhary College, Jajpur, Odisha

Dr. Alok Sagar Gautam, Asst. Professor of Physics, Hemvati Nandan Bahuguna Garhwal University, Srinagar, Uttarakhand

ESW Excellency Award: For excellence in leadership and co-operation for promotion of Environment and Social Welfare Society at the National and International level.Dr. Esha Yadav, Department of Zoology, Bramhanand College, Kanpur

Dr. Chandra Shekhar Dwivedi, Central University of Jharkhand, Ranchi

Dr. Pragya Khanna, Principal, Govt. Degree College, Chenani

ESW Recognition Award: ESW Recognition Award for "Valuable Positive Contribution to Environment and Social Welfare Society for Nature conservation"

Dr. Akhilesh Kumar, Scientist (Plant Protection) JNKVV_KVK, Rewa

Dr. Shiv Ji Malviya, (Dec., 2K20) Deputy Secretary, Uttar Pradesh Higher Education Service Commission, Prayagraj, Uttar Pradesh

Dr. Neetu Mishra, Associate Professor, Department of Home Science, University of Allahabad, UP

Dr.Sangeeta Singh, Asst. Prof of Zoology, S.S.D.P. Girls PG College, Roorkee, Uttarkhand

Dr. Shashi Mishra, Asst. Professor of Korian Language, Central University of Jharkhand, Ranchi

ESW appreciation Award: For support in ESW activities

Dr. Smita Singh, KVK, Rewa

Dr. Deepak Kumar Mishra, Associate Prof. Biotechnology, AKS University, Satna

Prof Arvind C Pandey, Prof of Geoinformatics, Central University of Jharkhand, Ranchi

Dr. Dinisha Malviya, Department of Botany, Chandra Shekhar Azad Govt. P.G. Nodal College, Sehore (M.P.)

Godavari Academy Impact Award: The purpose of this award is to recognize individuals or teams who have initiative program within their departments or across the University that had a positive impact.

Dr. Arjun Shukla, Gold Medalist Zoologist, Govt. M. H. College of Home Science, Jabalpur, MP

Dr. Sandeep Kushwaha, Scientist, ZSI, Kolkota

Mr. Mohit Kumar, Asst. Prof. of Political Science, Shri Krishna University, Chhatarpur, MP **Dr.** Dr. Parveen Kumar, Scientist, Krishi Vigyan Kendra, Leh, SKUAST-K

Social Innovative ESW National Award: For Outstanding contribution in the field of NGO

Dr. Pushpendra Singh Gautam, Chairman, Shri Krishna University, Chhatarpur

Dr. Ashiq Ahmad Thoker, Lecturer of Education, Govt. GHSS Bijbehara-Anantnag, Kashmir

Mr. Mohd. Adil, Volunteer, NYK, Poonch, Jammu & Kashmir.

Mr. Urgin Phuntsog, R/O Gya, District Leh, Ladakh

Mr. Santosh Gupta, CEO, ISRN, New Delhi

Lifetime Achievements Award: For Outstanding contribution in the concern field.

Dr. M. S. Parihar, President, BIOEXONS LLC Washington, USA

Prof. R. K. Dey, Vice Chancellor, Central University of Jharkhand, Ranchi, Jharkhand

Best Scientist Award:

Dr Shivesh Pratap Singh, Professor & Head, Department of Zoology, Govt. P. G. College, Satna, MP

Young Scientist Award:

Dr. Shivam Dubey, Department of Zoology & Biotechnology, Govt. Science College, Jabalpur, Madhya Pradesh

Young Environmentalist Award:

Mr. Vijay Kumar, College of Fisheries Science, Junagadh Agricultural University, Veraval, Gujarat

Innovative Environmentalist Award

Dr. Sushil Kumar Shukla, Assistant Professor, Department of Transport Science & Technology, School of Engineering & Technology, Central University of Jharkhand, Brambe, Ranchi.

Dr. Rakesh Kumar Pandey, Incharge Publication, Makhanlal Vhaturvedi Rashtriya Patrakarita avyam Sanchar Vishwavidyalaya, Bhopal, Madhya Pradesh.

Ms. Aishanya Khare, Asst. Professor of Botany, Shri Krishna University, Chhatarpur, MP

Award for best oral presentation:

Scientific Session I:

Ms. Himani Singh, Department of Molecular Biology and Genetic Engineering, C.B.S.H., G.B.P.U.A.&T., Pantnagar, Uttarakhand, India

 $Ms.\ Ruby\ Yadav,\ Biodiversity\ \& amp;\ Wildlife\ Conservation\ Lab,\ Department\ of\ Zoology,\ University\ of\ Lucknow$

Scientific Session II

Ms. Priya Namrata Topno, Tata Institute of Social Sciences, Mumbai

Scientific Session III

Ms. Riddhiben Govindbhai Vagh, College of Fisheries Science, Veraval, Gujrat

Scientific Session IV

Ms. Dayana Joseph, JSS College of Arts, Commerce and Science, Mysuru, Karnataka

Scientific Session V

Mr. Arunik Baruah, Department of Geoinformatics, Central university of Jharkhand, Ranchi

Scientific Session VI

Mr. Deepika Tiwari, Govt. Madhav Science College, Ujjain, MP

Award for best poster presentation Poster Session I

Mr. Lakhan Lal Pandey, Parasitological Lab, Department of Zoology, Bundelkhand University, Jhansi (U.P.) India

Vote of thanks by Dr. Shivesh Pratap Singh, Secretary, NASI, Bhopal Chapter.

Thousands+ of viewer/Listeners/Research scholars/Students/Academician/Social workers were Beneficiary: present online in this research conference

RECOMMENDATIONS:

Three Important Ways to Slow the Spread COVOD-19 accepted by 7 scientists. Wear a mask to protect yourself and others and stop the spread of COVID-19. Stay at least 6 feet (about 2 arm lengths) from others who don't live with you. Avoid crowds. The more people you are in contact with, the more likely you are to be exposed to COVID-19. Further research is needed in this subject.

Ms. Dayana. J The Groundwater is the main source of drinking water for the people of Nagamangala taluk of Mandya district of southern Karnataka, India. After evaluating data of fluoride concentration in groundwater, it is higher than the upper limit of WHO and BIS. Prevention is the most important key to treatment. Hence, there is a need to take measures to prevent dental fluorosis and skeletal fluorosis through safe drinking water supply and teaching better dietary habits using various effective medias.

Deepika Tiwari Suggested that Vermicomposting technology could be broadly used for the management and recycling of nirmalaya or floral wastes lowering the bulk and level of pollution at the generation site itself. It could be the best organic fertilizer for producing organic vegetables, organic fruits and ornamental plants and cost effective. Since vermicompost produces high population of beneficial microflora its application to cultivated land will also increase their population increasing soil fertility. Actinomycetes has been reported in composting, especially during late curing stage (Strom, 1985) They are very active in mineralization of organic matter and produce most of the antibiotics they help to reduce pathogenic organisms in vermicompost to some extent. Microflora analysis will let us to know the microbial diversity mainly involving in decomposition process which will be beneficial to prepare a microbial consortium culture that can be used to achieve even faster decomposition in short period of time.

Completely turn off equipment like televisions and stereos when you're not using them. Anthropogenic changes to the natural environment, including land-use change, climate change, and the deterioration of all ecosystem services, are all accelerating. These threats include increasing exposure to infectious disease, water scarcity, food scarcity, natural disasters, and population displacement.

News Gallery:

National news paper, Local news paper and electronic channel covered this event promptly.





Research Seminar held Chhattarpur: The environment and social welfare society of Khajuraho organized virtual National Research Seminar on Saturday and Sunday. The theme of the discussion was anthropogenic impact on the environment, society and human health. The participants talked about the researches done in the field of environment science, earth and climate science and Covid-19 and published the summaries of their research papers. The director general of Madhya Pradesh Science and Technology Council, Dr Anil Kothari, attended the event as the chief guest. The director of Zoological Survey of India, Kailash Chandra, chaired the event filled with research fellows and scholars. Three technical research papers were read out aloud after the inauguration ceremony.













