



NATIONAL CONFERENCE
on
**ENVIRONMENT, WATER, AGRICULTURE,
SUSTAINABILITY AND HEALTH (EWASH-2023):
STRATEGIZING A GREENER FUTURE**
&
5th Annual Meet of STE

22nd - 23rd December, 2023

at

SWAMI RAMA HIMALAYAN UNIVERSITY
Jolly Grant, Dehradun, Uttarakhand

Protect the Blue and Green make the Earth Pristine

Jointly organized by



SWAMI RAMA HIMALAYAN UNIVERSITY

Jolly Grant, Doiwala, Uttarakhand

&



SAVE THE ENVIRONMENT

(A Society for Research Awareness and Social Development)

Kolkata / Gurugram

Overview of EWASH-2023

Constant technology development has made life easier on a global scale; however, health challenges and anthropogenic pressures on environment (water, air and soil) have increased continually. In this kind of scenario, implementing remedial measures at a personal level, e.g. planting trees, opting for public transport, spreading awareness in neighborhood, etc. has to be compulsorily practised. At a larger scale, control measures for vehicular emissions, protocols for discharge of untreated wastewater into water bodies, encouraging use of organic fertilizers and pesticides for crop production have to be duly followed.

EWASH 2023 aims to be a successful colloquium for productive brainstorming amongst environmental scientists, academicians, experts, industry personnel, policymakers and young researchers to discuss all about the aforesaid measures and how we can contribute maximally to approach an environment-friendly and greener future.

Benefits of EWASH-2023

The conference will offer a collaborative platform to build upon research endeavours and interdisciplinary deliberations to address various challenges pertaining to 'EWASH'. The conference shall include erudite keynote lectures, oral talks, and poster presentations for the audience to derive maximum benefits from the annual meet.

Theme of EWASH-2023

The main theme of the annual conference has been set as strategizing a greener future with following sub themes:

Sub themes:

1. Biotechnological Advancement in Sustainable Technology
2. Biological treatment of Sewage & Waste Water
3. Microplastics in Water
4. Biodegradable Plastic Waste
5. Biotechnology and Health
6. Water and wastewater management
7. Smart technologies and use of AI for water conservation
8. Transformative technology for water harvesting
9. SDG for environment: managing climate change
10. Application of modern technologies for agriculture development
11. Nanotechnology for cleaner water and greener earth
12. Assessment of implementation of existing environmental policies and the need for amended or new policies
13. Geodiversity assessment and its impact on environmental factors
14. Economics for environmental development: scope and options
15. Green Chemistry for designing a sustainable future
16. Health advancement by mitigation of pollution
17. Repurposing traditional medicines as therapeutics Biofuels as environment-friendly strategy

ABOUT THE ORGANIZERS

SWAMI RAMA HIMALAYAN UNIVERSITY

Swami Rama Himalayan University (SRHU), a top private university in Dehradun endeavors to transform lives through holistic approach to education, providing integrated health care services and effective rural development and social outreach programs.



With a rich legacy of Himalayan Hospital & Himalayan Institute of Medical Sciences, the first and the largest NABH accredited private teaching hospital and medical college of Uttarakhand, SRHU has been providing a platform to the youth, for a decade, to learn and transform into efficient, effective, ethical and committed professionals.

SRHU is the only university in Dehradun, Uttarakhand that has a dedicated multispecialty Himalayan Hospital, Cancer Research Institute, Ayurveda Center and Rural Development Institute, all under one roof, besides eight schools and colleges namely: Himalayan Institute of Medical Sciences, Himalayan College of Nursing, Himalayan School of Management Studies, Himalayan School of Science & Technology, Himalayan School of Bio Sciences, Himalayan School of Yoga Science, Himalayan School of Vocational Studies & Skill Development, Gauri Himalayan School of Science & Technology at Toli, Uttarakhand

Students have a range of options to pursue their academic aspirations and further advance their learnings through interdisciplinary and multidisciplinary programs and research. In addition, there are ample opportunities for extra-curricular & co-curricular activities necessary to become an all-rounder. Furthermore, mentoring, meditation & Science of Joyful Living (SoJL) workshops help students grow as complete individuals.

SAVE THE ENVIRONMENT (STE)

Save The Environment (STE) was founded and registered on 19th November 1990 [Reg no. S/66/489 of 1990-91]. Since then, STE has been privileged to collaborate with organizations and departments of repute, like WWF (India), AllHPH, Indo-Canada environment facility, DST and DRDO to counter the long standing issue of arsenic poisoning of water, especially in rural areas of West Bengal, India. STE has also been actively engaged in spreading awareness among general public for environment protection and water management.

For further details please visit: <http://stenvironment.org>

CALL FOR ABSTRACTS

The organizing committee invites original research abstracts for oral/poster presentations based on the themes of the conference. Original one-page abstract (A4-size with 2.5 cm margin on all sides, single column, Times New Roman font, font size 12, 1.5 line spacing written in MS WORD) should be submitted ewashc2020@gmail.com before 30th November, 2023. The participants are requested to mention the relevant sub theme, title of the paper along with their names, affiliation and contact details. Selected accepted papers will be published in Int. J. Env. & Health Sci. (Indexed in ISSN, Crossref and ISI).

ADVISORY COMMITTEE

Dr. Rajendra Dobhal, Vice Chancellor, Swami Rama Himalayan University, Jolly Grant, Dehradun

Dr. Vijendra D Chauhan, Director General (Academic Development), Swami Rama Himalayan University, Jolly Grant, Dehradun

Dr. Susheela Sharma, Registrar, Swami Rama Himalayan University, Jolly Grant, Dehradun

Dr. Ashok Deorari, Principal, Himalayan Institute of Medical, Swami Rama Himalayan University, Jolly Grant, Dehradun

Dr. Sunil Saini, Director, CRI, Swami Rama Himalayan University, Jolly Grant, Dehradun

Dr. Bindu Day, Director Research, Swami Rama Himalayan University, Jolly Grant, Dehradun

Dr. A.K Datta, Former CCR&D, DRDO, New Delhi

Dr. Sanjeev K. Varshney, Scientist 'G' & Head, Intl. Cooperation DST, Govt. of India

Dr. P.K. Arora, Scientist G & Head, Tech. Missions Div. (Energy, Water & All Other), DST, GOI

Dr. Manoranjan Patri, Former Director, Scientist 'H' NMRL, (DRDO), Ambarnath & Chairman CECTAM, DRDO, Delhi

Dr. Sanjiv Goyal, Chief Scientist & Head, CSIR-NEERI, Delhi Zonal Centre

Prof. R.K. Sharma, Co-ordinator, GCNC, Dept. of Chemistry, University of Delhi, Delhi

Prof. Sunil Kumar De, Dept. of Geography, NEHU, Shillong & VP, Intl. Assn. of Geomorphologists

Dr. P.G Dastidar, Retd. Scientist G, MoES, GOI, Lodhy Colony, New Delhi

Dr. Malti Goel, Chief Executive, Climate Change Research Institute, New Delhi

Dr. Susan Titus, Former Scientist 'G', NMRL, Ambarnath, Mumbai

Dr. P. K. Rai, Joint Director, CFEES, DRDO, Delhi

Dr. (Mrs.) Jyoti Sharma, Scientist F, International Cooperation, DST, GOI

Dr. V. Raghunath Reddy, Scientist F, Technology Missions Division (Energy, Water & All Other), DST, GOI

Prof. Md. Husain, Professor, Dept. of Biotechnology, Jamia Milia Islamia, New Delhi

Prof. B. Rupini, Professor, SOITS, IGNOU, New Delhi

Prof. Nupur Bose, Prof. and Head, Dept. of Geography, A.N. College, Patliputra, University, Patna

Prof. A. K. Gupta, Dept of Applied Sciences, Himalayan Institute of Engineering & Technology, Kala Amb, Dist. Sirmaur, Himachal Pradesh

Prof. Parimal Pal, HAG Professor, National Institute of Technology Durgapur, India

Prof. Papita Das, Professor, Dept. of Chemical Engineering, Jadavpur University

Prof. Dinesh Rangappa, Program Coordinator, Dept. of Nanotechnology, VTU, Karnataka

Dr. Kishor Amin, Scientific Officer-F, Co-investigator, ICGC-ACTREC, Mumbai

Dr. Nupur Bahadur, Associate Director, Environment & Waste Management Division, TERI

Prof. Jayashree Bhattacharjee, Former Director & Hod Dept. of Bio-Chemistry Faculty of Medical Sciences DU

Dr. Mukesh Sharma, Scientist 'E' & OIC NIH, Roorkee

Dr. Gopinath Halder, Professor, National Institute of Technology Durgapur, India

Dr. Ajay Mandal, Professor, Department of Petroleum Engineering, IIT (ISM) Dhanbad

Dr. Tarun Kumar Naiya, Associate Prof., Dept. of Petroleum Engineering, IIT (ISM) Dhanbad

Dr. Maulin Shah, Chief Scientist & Head, Enviro Technology Ltd., Gujarat, India

Mr. Chaturmukh Pattanaik, Former Executive Director, Delta Steel, Nigeria

Dr. Kishore Amin, Vice President, STE

Mrs. Shubhra Misra, Vice President, STE

SCIENTIFIC COMMITTEE

Dr. C S Nautiyal, Scientific Advisor, Swami Rama Himalayan University, Dehradun

Mr. H P Uniyal, Advisor, Swami Rama Himalayan University, Jolly Grant, Dehradun

Dr. Vivek Kumar, Professor, Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Dehradun

Dr. Vijay Kumar, Associate Professor, Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Dehradun
Dr. Geeta Bhandari, Assistant Professor, Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Dehradun
Dr. Vishal Rajput, Assistant Professor, Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Dehradun
Dr. Kalpana Bhargava, Scientist "G", Joint Director, GPS Division, High Energy Material Research Lab (HEMRL), Defence Research and Development Organization (DRDO), Ministry of Defence, Government of India, Sutarwadi, Pashan, Pune, Maharashtra
Dr. Sushil Kumar Singh, Scientist-F, Solid State Physics Lab., Lucknow Road, Timarpur, Delhi
Prof. Anju Srivastava, Principal, Hindu College, University of Delhi, Delhi
Dr. Reena Jain, Vice Principal, Hindu College, University of Delhi, Delhi
Prof. Naveen Bajpayee, Department of Biotechnology at Graphic Era Deemed to be University, Dehradun
Dr. Vaishali Mishra, Member, STE
Dr. Ratul Kumar Das, CONSULTANT, STE
Mr. D Chakraborty, JT. SECRETARY, STE

ORGANIZING COMMITTEE

Patrons

Prof. Arunabha Majumder, Emeritus Professor, Jadavpur University, Kolkata and Former Director, AIIPH, Kolkata
Dr. Vijay Dhasmana, Chancellor, Swami Rama Himalayan University, Jolly Grant, Dehradun

Conveners

Dr. Kshipra Misra, President, STE & Ex Addl. Dir., DIPAS (DRDO), Delhi
Dr. Sanjay Gupta, Principal, Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Dehradun

Co-conveners

Mrs. Chhanda Basu, General Secretary, STE
Mr. Sanjit Mitra, TREASURER, STE

Co-ordinator

Prof. Prashant Singh, Dept. of Chemistry, D.A.V. Post Graduate College Dehradun, Dehradun, Uttarakhand and Vice President, Save The Environment, Uttarakhand Chapter

Organizing Secretaries

Dr. Sankha Chakraborty, Assistant Professor, Kalinga School of Biotechnology/Chemical Technology KIIT Deemed to be University, Bhubaneswar
Dr. Jigni Mishra, Project Associate, IARI & E.C. Member, STE
Dr. Vikas Singh Jadon, Associate Professor, Himalayan School of Biosciences, Swami Rama Himalayan University, Jolly Grant, Dehradun

Joint-organizing Secretary

Dr. Gaurav Gautam, Assistant Professor, IIMT College of Medical Science, IIMT University, Meerut (U.P.)

IMPORTANT DATE

Abstract Submission Starts:
Registration Starts:

1st November, 2023
1st November, 2023

Abstract Submission Closes:
Intimation of Abstract Acceptance:

5th December, 2023
10th December, 2023

REGISTRATION DETAILS

Registration Fee (non-refundable): Applicants are required to pay the registration fee via NEFT or D.D. drawn in favour of Save The Environment payable at Kolkata, or by Google Pay.

Category Fees

College Students (U.G. & P.G.)	1000.00
Research Scholars	2000.00
Teachers/Scientists/Faculty	3000.00
STE Life Members	2000.00
Corporate Delegates/Industry personnel	5000.00

BANK DETAILS FOR ELECTRONIC TRANSFER

Account Name: Save the Environment

Account Number: 38041963371

Bank and Branch: State Bank of India, Lake Town, Kolkata

IFSC Code: SBIN0001506

Google Pay to: Mrs. Chhanda Basu ; Mobile No.9830779260

ACCOMMODATION

The accommodation will be arranged on payment basis if requested by the delegates / participants to the organisers.

STE ANNUAL AWARDS, 2023

LAST DATE 25th November, 2023

STE confers Annual Awards in following categories to recognize significant contributions made by a person or institution.

1. STE Dr. APJ Abdul Kalam Award

This award is conferred every year to the senior scientist of DRDO/ ISRO (working or retired) who has significantly contributed towards science and technology in India. Nominations will be from STE.



2. STE Dr. Praloy O. Basu Lifetime Achievement Award

This award is conferred every year to any citizen of India, who has made a difference to the society by his/her contributions in terms of education/ policies/ S & T/ Social Service and others. Nominations will be from STE.

3. STE Green Excellence Award

This award is constituted to honor those professionals who have excelled in safeguarding and protecting the environment.

4. **STE Fellowship Awards**

STE Fellowship award is conferred to the Indian senior scientists /Academicians for their outstanding achievements in various fields of Science & Technology and Education.

5. **STE Women Excellence Award**

This award is constituted to recognize the Indian women scientists/ Academicians for their contributions in the field of science and environment.

6. **STE Water Awards**

The awards are conferred to the Indian nationals who have made a difference in the area of water by their efforts.

7. **STE Best Innovation for Environment Award**

8. **STE Best School Principal Award**

9. **STE Best Teacher Award**

10. **STE International Achiever Awards**

11. **STE Meritorious Award for Excellence in Academics and Research**

12. **STE Young Researcher Awards (Age limit: Faculty/ researchers between 25 to 40 years can apply.)**

13. **STE Humanitarian Award for NGO**

14. **STE Green Campus Award**

IMPORTANT FORMS

Forms for Registration, Abstract submission and STE Annual Awards application will be available on STE website (<http://stenvironment.org>) for download.

INTERNATIONAL JOURNAL OF ENVIRONMENT AND HEALTH SCIENCES

This journal is being published by Save the Environment. Send your manuscripts for peer-review by e-mail. The authors must mention address, Contact Nos. and E-MAIL ID in their forwarding letter. Proof will be sent for correction before publishing. A pledge for originality will be signed by the authors.

We are pleased to announce that the DOI prefix for International Journal of Environment and Health Sciences is now available from Crossref, the official Digital Object Identifier (DOI). The journal is now indexed in International Scientific Indexing (ISI).

For further details, please contact Chief Editor at:
ijehseditor@gmail.com or visit our website:
www.stenvironment.org



REGISTRATION FORM

22 - 23 December, 2023
SWAMI RAMA HIMALAYAN UNIVERSITY
Jolly Grant, Dehradun, Uttarakhand

Jointly organized by

 SWAMI RAMA HIMALAYAN UNIVERSITY Jolly Grant, Doiwala, Uttarakhand	 SAVE THE ENVIRONMENT A Society for Research Awareness and Social Development Kolkata/Gurugram
--	--

NAME	MR./MS./DR./PROF.
DESIGNATION	
ORGANISATION (Full address)	
E-MAIL ID	
MOBILE NO.	
REGISTRATION FEE DETAILS: NEFT/RTGS/ OR ANY OTHER ONLINE WITH REFERENCE NUMBER	
REMARKS (Office Use Only)	

Presentation: ☐ Oral / ☐ Poster (TICK MARK)

Title of Paper:

REGISTRATION

Please fill up the registration form and send it to ewashc2020@gmail.com

(Signature of Participant)

Please send this registration online when filled.

Contact for more details

Dr. Sankha Chakraborty (Organizing Secretary): 9614633977
Dr. Jigni Mishra (Organizing Secretary): 8447522389
E-mail: ewashc2020@gmail.com / info@stenvironment.org

STE SECRETARIAT

SAVE THE ENVIRONMENT (STE)

(A SOCIETY FOR RESEARCH, AWARENESS & SOCIAL DEVELOPMENT)

Head and Registered Office: 12, Diamond Harbour Road, Kolkata-700 063

NCR Office: Flat No. 1107, Block 17, Heritage City, MG Road, Gurugram

Mobile: 9871372350, 9830779260

E-mail: info@stenvironment.org • Website: www.stenvironment.org