



International E-Conference  
**Sustainable livelihoods: Water, Climate Change and Geo-Spatial Development**

Organized by  
Center for Sustainable Development,  
**Institute of Public Enterprise, Hyderabad, India**  
In collaboration with  
**Lanka Rain Water Harvesting Forum, Pelawatta, Battaramulla, Sri Lanka**  
**Symbiosis Institute of Geoinformatics, Symbiosis International (Deemed University), Pune, India**  
&  
**Tarun Bharat Sangh, Alwar, Rajasthan, India**

**Dates**

October 7<sup>th</sup>-8<sup>th</sup>, 2021



**Registration Fee:**

<https://biturl.top/7Fnaaa>

**Abstract Submission:**

<https://biturl.top/NNnm2a>

**Chief Patron:** Prof. Nathan Subramanian, Director, IPE, India  
**Convener:** Dr. Anupama Dubey, Assistant Professor, IPE, India  
**Co-Conveners :** Dr. Tanuja Ariyananda, CEO, LRWHF, Pelawatta, Sri Lanka,  
Mr. Maulik Shisodiya, TBS, Alwar, Rajasthan, India  
Dr. Dharmaveer Singh, Assistant Professor, SIG, Pune, India

## About the Conference

In the twenty-first century, livelihoods will be required by two or three times the current human population. People, their capacities, and their means of subsistence, such as food, income, and possessions, make up a livelihood. Resources and stores are tangible assets, whereas claims and access are intangible assets. A livelihood is ecologically sustainable if it preserves or improves the local and global assets that livelihoods rely on, as well as having net positive impacts on other livelihoods. A socially sustainable livelihood is one that can cope with and recover from stress and shocks while also providing for future generations.

New conceptions and analyses are required for policy and practice. Future generations will outnumber us by a large margin, yet they will be unrepresented in our decision-making. Current and traditional analyses are both gloomy and undervalue future lifestyles. Small-scale economic synergy, as well as boosting resource-use intensity and the diversity and complexity of small-farming livelihood systems, can be used to increase livelihoods. The ideas of net sustainable livelihood impacts and intensity need to be tested. They include balancing issues like environmental and social sustainability, as well as net impacts from competition and externalities.

The goal of sustainable livelihoods for everyone offers a focal point for thinking about the twenty-first century and identifies policy and research objectives. Personal environmental balance sheets for the better off and the poorest, policies and measures to build capacities, promote fairness, and raise social sustainability are all policy implications. Besides that, globally, concerns for the environment and human well-being have increased as a result of threats imposed by climate change and disasters, environmental degradation, pollution of natural resources, water scarcity and proliferation of slums. Finding appropriate solutions to these threats and challenges is not simple, as these are generally complex and require state-of-the-art technology to collect, measure, handle and analyse large volumes of varying data sets. However, the recent advances in sensor technology, coupled with the rapid development of computational power, have greatly enhanced our abilities to capture, store and analyse the surrounding physical environment.

Therefore, the conference is planned to provoke discussions by exploring and elaborating the concept of Sustainability, and its symbiotic relationship with existing water resources and surrounding climate and geo-spatial development

## Themes and Subthemes

### Water

- ❖ Surface and Groundwater Resources
- ❖ Gender mainstream in Conserving Water
- ❖ Urban and Rural Water Management
- ❖ Rain-Water Harvesting
- ❖ Water Quality
- ❖ Water conservation and Governance
- ❖ Inter-State water disputes and policy making
- ❖ Water Related Disaster and Risk Reduction
- ❖ Water and Rural Poverty including Migration
- ❖ Rural Transformation and Water Management
- ❖ Wastewater: treatment, reuse and ramification

### Climate Change

- ❖ Carbon Sequestration
- ❖ Climate Change and Global Warming Evidences
- ❖ Greenhouse Gases, Pollution and Climate Change
- ❖ Climate Hazards, GIS and Remote Sensing
- ❖ Climate Change & Health, Ecology and Ecosystems
- ❖ Renewable Energy, Bioenergy
- ❖ Environmental Ethics and Climate Change
- ❖ Environmental Economics and Sustainability
- ❖ Changing Climate and Environmental Reflection

### Geo-Spatial Development

- ❖ Sustainability reporting and Corporate Social Responsibility
- ❖ Advances of Geo-intelligence in Health
- ❖ Interventions of Geospatial Technology in achieving Sustainable Development Goals
- ❖ Advances in Spatial Big Data and Machine Learning
- ❖ Roles of Geo-intelligence in Disaster Risk Reduction
- ❖ Sustainable development

## Submission of Abstract & Full Paper

Authors are requested to submit their original research contribution in the form of an abstract with specified subtheme, not exceeding 300 words with maximum 5 key words, 1.5 spaced, 12 fonts, Times New Roman, justified on both sides. The abstract must carry the author's name, designation, affiliation, contact number with STD or ISD code (e.g. +91-980000000) and email id. The abstract must contain a brief introduction, objectives, methodology, database, major findings and keywords. The authors may submit their full length paper after getting the letter of acceptance of the abstract from the organizers. In that case the format of the full length paper will be the same as the abstract. The full paper must not exceed 7 pages including all the tables, diagrams, maps, references, title and particulars related to the author(s). It is highly expected that the contributions should be authentic as per the research ethics of anti-plagiarism. Both the abstracts and full papers have to be submitted to the following email id [icsusliv@gmail.com](mailto:icsusliv@gmail.com)

## Publication

The abstracts and papers will be accepted after the process of review by an expert committee and on the basis of their recommendations, selected number of papers will be published in an editorial volume of **Springer-Nature Series/Routledge** with ISBN number.

### IMPORTANT DATES

Last date for submission of abstracts  
10 September, 20 21

Intimation of acceptance of abstract  
15 September, 2021

Last date for online registration  
31 September, 2019.

Submission of full length paper  
05 October, 2021

### Important Coordinates

#### Conference Mail id:

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## Registration Fees

Categories	Fees in Rs. (Incl. of GST)
Indian Delegates	Rs 1000/-
Foreign Delegates	\$25 /-
Faculty member	Rs 500/-
Research scholars /Existing P.G Students	Rs. 400/-

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- Prof. T.P. Singh, Director, SIG, Pune, India
- Shri Rajendar Singh Ji, President, Tarun Bharat Sangh

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- Michal Kravcik, Slovack Environmentalist, Goldman Environment prize Recipient (1999),People and Water NGO, Slovakia
- Maude Victoria Barlow, Author and activist, Toronto, Ontario, Canada

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## **Institute of Public Enterprise, Hyderabad, India**

Institute of Public Enterprise (IPE) established in 1964, was conceived as a research institution that would undertake a systematic and sustained study of issues relevant to the formulation of policies pertaining to Public Enterprises. More than five decades of IPE's performance has witnessed rapid strides in its contribution in research, consultancy, executive training and management education and is accredited by the South Asian Quality Assurance Systems (SAQS). IPE is recognized as a 'Centre of Excellence' by the Indian Council of Social Science Research (ICSSR), Ministry of Human Resource Development, Government of India, and New Delhi for doctoral studies. IPE has developed strong linkages with academic institutions and industries including the World Bank, DFID, IASIA, Belgium and Universities in USA, UK, Australia, Malaysia, New Zealand and Slovenia among others. The Institute has undertaken research and consultancy assignments for national and international organizations, like the United National Development Program (UNDP), World Bank, Asian Development Bank (ADB), Department for International Development (DFID), Government of UK, and International Center for Promotion of Enterprise (ICPE), etc. The institute has also been offering consultancy services to a number of central and state governments, public and private sector organizations.



## **Lanka Rain Water Harvesting Forum, Pelawatta, Battaramulla, Sri Lanka**

Lanka Rain Water Harvesting Forum (LRWHF) provides information and training to individuals and communities interested in rainwater harvesting. LRWHF was established at the beginning of 1996 by a group of interested persons representing the government, universities and NGOs. LRWHF promotes harvesting, conservation and utilization of rainwater for solving the water problems of Sri Lanka. As a pioneer organization promoting rain water harvesting in Sri Lanka, through demonstration, capacity building, research and development and networking



## **Symbiosis Institute of Geoinformatics, Symbiosis International Deemed University)**

Symbiosis, Pune has emerged as a global leader to providing quality education over the past forty six years. Symbiosis Institute of Geoinformatics (SIG) is a one of the constituent of Symbiosis International University. SIG was established in 2004 with the sole objective to create the professional human resource in the field of Geospatial Technology. The Institute provides qualitative education in the domain of Geoinformatics and also conducts the high quality of research in fields of natural resource management, water resource management and big data sciences. SIG offers a variety of courses including M.Sc. (Geo-informatics), M.Sc. (Environment and Sustainability), M.Sc. (Data Science & Spatial Analytics), M.Tech (Geoinformatics and Surveying Technology) and Certificate Course on Photogrammetry and Remote Sensing.



## **Tarun Bharat Sangh (TBS)**

Tarun Bharat Sangh (TBS) is a non-profitable environmental NGO; with headquarter in Bheekampura, Alwar, and Rajasthan. Dr Rajendra Singh (known as Water man of India) is the incumbent chairman of TBS since 1985. Dr Rajendar Singh was awarded with STOCKHOLM WATER PRIZE (Nobel Prize for water) in 2015. Presently, TBS's focus rests upon access to water by rejuvenation of water resources, tackling issues like human and wildlife conflicts, and combating the mining mafias for the benefit of the local community located there.