The H.P State ENVIS Center, under the aegis of HP State Council for Science, Technology & Environment in collaboration with The Energy Resources Institute (TERI), New Delhi organized one day seminar on “Renewable Energy: Sustaining a Green Future” at Hotel Holiday Home, Shimla on 23.3.2017.

The seminar was inaugurated with the formal felicitation ceremony of Chief Guest Sh. Tarun Kapoor, IAS, Addl. Chief Secretary, Environment Science & Technology, Govt. of H.P., Ms. Archana Sharma, Member Secretary (EC), State Council for Science, Technology & Environment, Himachal Pradesh, Sh. Kunal Satyarthi, Joint Member Secretary, State Council for Science, Technology & Environment, Himachal Pradesh, and Dr. P.K. Bhattacharya, Area Convener, Fellow & Coordinator, TERI ENVIS and officials from TERI, New Delhi.

At the very outset of the meeting the Dr. P.K. Bhattacharya, Area Convener, Fellow & Coordinator, TERI ENVIS, formally welcomed the gathering and after that Sh. Kunal Satyarthi, Jt. Member Secretary highlighted the relevance of the seminar in context of Himachal Pradesh and discussed the pertinent issues related to renewable energy and role of HP ENVIS. Ms. Archana Sharma in her special address discussed the climate change mitigation measures with renewable energy resources and emphasized on the issue of policy making in this direction for Himachal Pradesh.

Sh. Kapoor in his inaugural talk discussed about the global and national scenario of the various energy resources and regulations thereof. He stressed about the solar energy potential and emphasized about the household stand alone system for power generation and distribution in Himachal Pradesh. Vote of thanks was given by Ms. Pallavi Shukla, Programme Officer, TERI, New Delhi.

In the plenary session Mr. Amit Kumar, Senior Director, (Social Transformation, Division TERI), discussed on the basics of sustainable energy and agenda 2030 for sustainable development in the field of Renewable Energy and Green Future. He gave suggestions for reducing the reliance on hydro energy consumption by intermittent supply of solar energy inputs in Himachal Pradesh. Also he stressed upon the decentralized distribution energy system and judiciously designed buildings which are energy efficient. Thereafter, Sh. Chander Mohan
Adhikari from ESRI, NOIDA gave a talk on the role of GIS in sustaining green future. He discussed about the technicalities and the role of GIS in public outreach, green cover mapping, ecological modeling, forest fires mapping etc.

Dr. Sameer Saran, Scientist ‘F’, IIRS, Dehradun, mentioned in his very informative presentation about the role of geospatial techniques in tapping solar power with the help of geospatial data. He also emphasized the upon the 3D GIS modeling of the cities and integrated potential of various data sources like UAV, GNSS, mobapp geoweb, big data analyst in GIS.

In her presentation on “Renewable Energy in Smart City Mission Ms. Pallavi Shukla focused on the differences between traditional and smart cities and issues thereof.

Panel discussion session was chaired by Mr. Amit Kumar and co-chaired by Sh. Kunal Satyarthi, Jt. Member Secretary. In this session Prof. P. K. Ahluwalia, Retd. Prof. Physics, HPU gave a lecture on the pertinent ecological issues of Shimla town in particular and also shared his experiences from a case study done for assessing the solar potential in the Himachal Pradesh University campus. Chief Engineer H.M. Dhareula from Directorate of Energy gave a statistical account of the status of hydropower potential of the State of Himachal Pradesh.

Dr. Suresh Attri, Principal Scientific Officer, Department of Environment, Science and Technology, H.P. in his presentation discussed the sector-wise status of GHG emissions and possible solutions to overcome the problems caused by the GHGs.

The last speaker of the panel discussion Dr. P.K. Bhattacharya (TERI) gave an overview of the various activities done by the TERI ENVIS centre in the field of Renewable Energy.

In the discussion round the participants gave their views and also raised some queries about the execution and implementation of the solar power roof-tops in HP. It was suggested that the environmental auditing should be carried out for renewable energy projects and also the dissemination of guidelines and procedures/technologies to be adopted in a proper manner in the State of Himachal Pradesh.

At the end of the seminar Sh. Satyarthi gave the concluding remarks and formally thanked all the participants for their active participation and input.
News Clippings and Photographs of Seminar