



**ANNUAL REPORT
2016/17-2017/18**

**SUSTAINABLE
DEVELOPMENT
FORUM
UTTARANCHAL**



FROM THE DESK OF THE CHAIRMAN, SDFU

It gives me immense pleasure to present the first Annual report of SDFU encapsulating two financial years 2016 -17 and that of 2017 - 18. SDFU was conceived by founder Late Dr RS Tolia as early as March 2016 and under his chairmanship the SDFU had the privilege of having two meetings on the concepts and roadmap of this fledgling organization. Unfortunately SDFU lost her mentor and to many of us senior colleague and friend in December 2016. Undoubtedly SDFU had to find its feet after this loss.

In the last year and a half SDFU councilors have met several times and discussed and debated issues and challenges confronting the state of Uttarakhand. Consequently a consultative workshop was held giving rise to a road map for the SDFU. SDFU has played a vital role in voicing the challenges of Nainital lake. I am proud to say that the deliberations held under the chairmanship of the Governor in June 2017, led to action which is presently supporting the complex problem of Nainital Lake. Similarly the forum will be taking up specific issues and provide knowledge input and advocacy to achieve its mission goal.

The SDFU has now found its road map. The forum will soon be expanding of the membership base in the districts and make its network wider. Meanwhile SDFU is also working with IMI for the cross cutting themes and convergence.


I wish to thank all councilors/members for their unprecedented support and guidance to the SDFU.

Dr Rajendra Dobhal
Chairman SDFU

PREFACE Sustainable Development is the buzz words today. Sustainable Development has been variously defined, but the most frequently used definition is from Our Common Future, also known as the Brundtland Report: "Sustainable development is that development that meets the needs of the present without compromising the ability of the future generation to meet their own needs."

Sustainable development is thus a globally relevant concept as the natural resources, are finite and each country whether big or small, developed or developing has to utilize and manage its natural resources in such a way that they not only contribute to the economic, social and environmental development for the present generation but for the future generations also. Viewed from this perspective it casts a huge responsibility on each generation, to use the resources not judiciously but also scientifically. In the context of mountain ecosystems, the sustainability of resources vis-a vis the challenges of difficult terrains and meeting the needs of the sparsely spread population for rapid and equitable economic development are indeed very daunting.

Uttarakhand, with its multiple features of limited land resources, uneven and undulating terrains covered by forests, depleting water resources and a massive problems of unmet demands of connectivity presents, the textbook case of a sustainability challenge with features of development deficit combined with limited natural resources.



**THE GENESIS OF THE
SUSTAINABLE
DEVELOPMENT FORUM-
UTTARANCHAL**



It was, therefore, felt for long that a forum be set up to study and address the endemic challenges that Uttarakhand faces as a mountain state . It was first mooted by the late Dr R.S. Tolia to have the Sustainable Development Forum for Uttarakhand which would be an independent voice of the concerned citizens of the state who had the requisite experience, domain knowledge and appetite for engaging in broader policy issues with a vision for sustainable development for the state. Thus the mission of the forum was broad enough for a group of people to last their life time and beyond to realize the objectives of the forum. We remember Dr Tolia sending the initial email to each of the members of the present council or the councilors and inviting them to contribute their ideas for setting up such a forum. The correspondence with varying degrees of frequency continued and when finally it was felt the time had come for a formal meeting of the founding members, it was convened at the Club House of Usha Colony on Sahastradhara Road, Dehradun That day, the composition of the Forum with the founding members as counselors was decided and the necessity for its incorporation as a society under the Society Registration Act, 1860 was outlined.



But the most important thing for the upcoming forum was to identify the issues which the members felt important for the forum to deal with and engage in. Some of our earliest thoughts converged on the challenges of environmental degradation, that the state faced with the compounding features of difficult terrains and seismic sensitivities which make the state disaster prone and the need for devising strategies for disaster risk reduction .The issue of annual recurrence of forests fires exposing the state to the risk of environmental degradation, landslides and climate change also featured very high in the concerns of the members. The depletion of water sources in the hill areas on the one hand and over exploitation of ground water reserves in the rural and urban areas in the plains was a major cause of worry flagged in this preliminary brain storming exercise. The issue of climate change affecting the agriculture and livelihoods specially in the hills posing a specific challenge, also engaged the attention of the members. Combined with climate change, agriculture and allied sector being affected by man animal conflict, specially the massive damage caused to the crops by monkeys, wild boars and elephants did lead to animated discussion but proving a cry in the wilderness. Finally, the star of all issues, the problem of mass migration figuratively called Palayan in Hindi from the hills occupied much of the time and consumed much of the vocal energy of the members leading to the conclusion, that Migration has to be the primary concern of the forum as it is multi -dimensional in nature, encompassing all the issues that were identified ranging from environmental degradation, climate change, disaster proneness, depletion of water resources, shrinking livelihood opportunities and man-animal conflict.

When we had expended much of our energy trying to identify the reigning issues and wracking our brains in finding some mechanism towards their solution, Dr Tolia also had said as an aside that the State Sustainable Development Forum would also be the body to interface with Integrated Mountain Initiative (IMI), the pan mountain body which had members from all the mountain states of India and the forum would coordinate the activities of IMI in the state. Well, this came to us as a surprise but Dr. Tolia had made it clear in no uncertain terms that SDFU would not be subordinate or adjunct body of IMI and it was free to formulate its own policies, persue its own goals, determine its annual agenda and project its own identity. But it had to be a body representing the IMI in the state and projecting the state in the mountain forum. A tall order indeed !

The SDFU, having prematurely lost its patron, has walked thus far very tentatively, trying to find its feet and come to terms with the changed circumstances. But the vision of the Forum endures in the abiding commitment of its members and may be, soon a time will come when the forum will find its voice ringing out across the hills and vales of Uttarakhand and sending its echoes to the other mountain statesTathastu !

N.S. Napalchiyal





FORWARD The year 2017-18 saw a celebration of the legacy of RS Tolia, the preceptor of SDFU and IMI, among his multiple other contributions. The RST Forum held in November 17 highlighted key themes most critical to mountain areas and the value of SDFU. While planning for the next year it may be worthwhile to dip into these themes to prioritise and take those found most suitable for this nascent stage of the growth and development of the Forum.

Mountains are not local, nor are problems of mountain areas local. These global features and problems require localised addressal and that constitutes the rationale for the SDFU and the IMI. Action across mountain territories need to be integrated and we must engage in constant dialogue with the IMI to learn from and contribute to the development of cross mountain dialogue. Each year's theme for the IMI must constitute a major action theme for the SDFU even as we brainstorm and suggest new themes of special relevance to Uttarakhand for discussion and taking forward in the annual meet.

Explorations and yatras have been the modus operandi of discovering way forward in the mountains. Explorations started with a question, an inquiry. RS Tolia's message was to lead through action research, bringing new knowledge to bear on old and continuing problems. The perennial question of out migration and the resultant dilution of skills, as well as depletion of numbers of skilled human resource requires answers. In the context of report of the Commission on Migration, an analysis of questions and action research on identified themes emerging from the report may be immediately relevant.

Documentation of action research undertaken already in the spheres of handicrafts and design, agriculture and livelihoods, and forest and ecology and ways of taking them to scale. Identified institutions could be lead in the effort which can also incorporate the other IMI states at a later stage to make the exercise more relevant.

While Innovation in each sector must be key to the effort at documentation, it is also important that deeply felt humanism guides the entire process of enquiry. The widening disparities across societies necessitate a deeper examination of how different strata of mountain communities are dealing with the rigours of change and what must be done to safeguard the life and livelihood of the most vulnerable. Vulnerability indices needed along economic, social and environmental paradigms. Partner institutions will be required who can then commit to taking up time series studies.

Technology and its differential impact on gender relations also needs to be studied and documented since technology is neither scale nor gender neutral. Incubation required and again we need partner institutions who can enable this incubation.

Disruptive ideas in development and ways of tapping into them as a means of getting youth involved in the SDFU, apart of course from the intrinsic worth of these ideas.

Ms. Vibha Puri Das

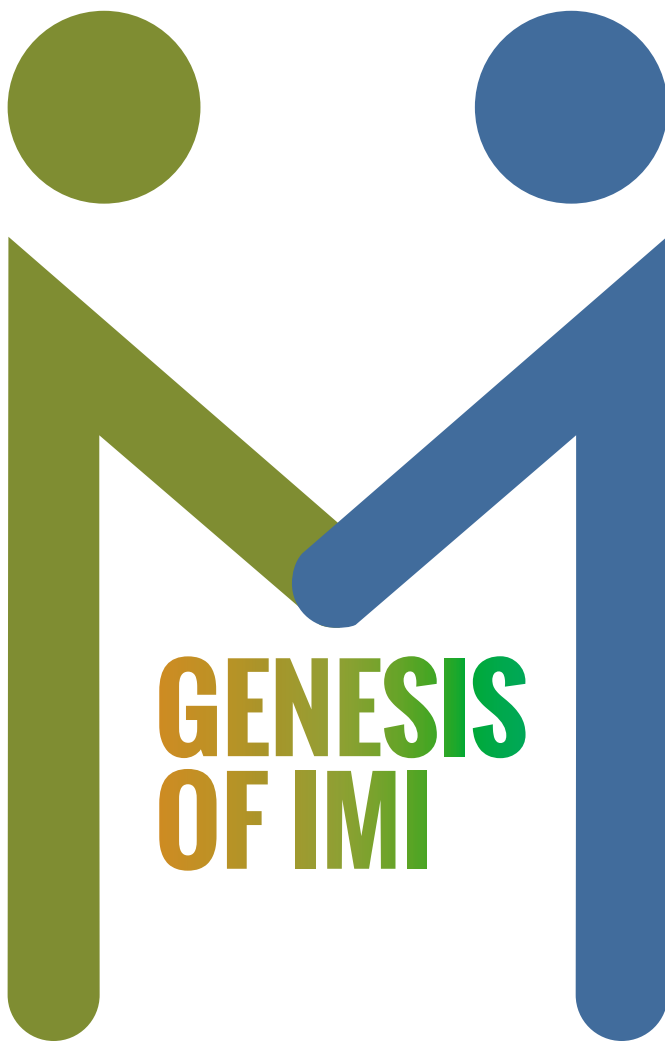


Integrated Mountain Initiative (IMI) is a civil society initiative which integrates the knowledge and experience of multiple stakeholders working on diverse issues across Indian mountain states, and uses this to inform and influence policy, both at the national and state level. In pursuit of our vision is to make people of India proud our mountains, IMI seeks to focus attention on Indian Himalayan Region's (IHR) contributions and aims to mainstream the concept of sustainable mountain development into the administrative planning framework of IHR. IMI has, at its core, an explicit pan-Himalayan focus. All our efforts are directed towards securing for Indian Himalayan states, their own space and significance in policy and administrative planning and focus in the broader narrative of development action in the country. In accordance with the collective and collaborative approach, IMI continues to aggressively work on its strategic pathway which is to discuss, engage and support action.

The Integrated Mountain Initiative (IMI) is a coalition of individuals and institutions formed in 2011 to redefine the architecture of sustainable development across the 12 mountain states in the Indian Himalayas and Northeast India in which it operates. To our knowledge and by our reputation, we are the only institution of our kind in India. The Indian Himalayan Region (IHR) plays a vital role in sustaining life. It is important to the 50 million people who live on its slopes, and equally, if less visibly, important to nearly 1.2 billion people, a fifth of the world's population who depend on its downstream river basins. Another 3 billion rely on it indirectly in terms of food and energy production. The Integrated Mountain Initiative (formerly India Mountain Initiative) seeks to focus attention on IHR's contributions, and aims to mainstream the concept of sustainable mountain development into the administrative planning framework of IHR, inter alia.

Vision: Making the people of India proud of our mountains

Mission: We are a collective initiative for recognizing the value of mountain regions and enabling people to realize its potential by integrating the knowledge and experiences of multiple stakeholders



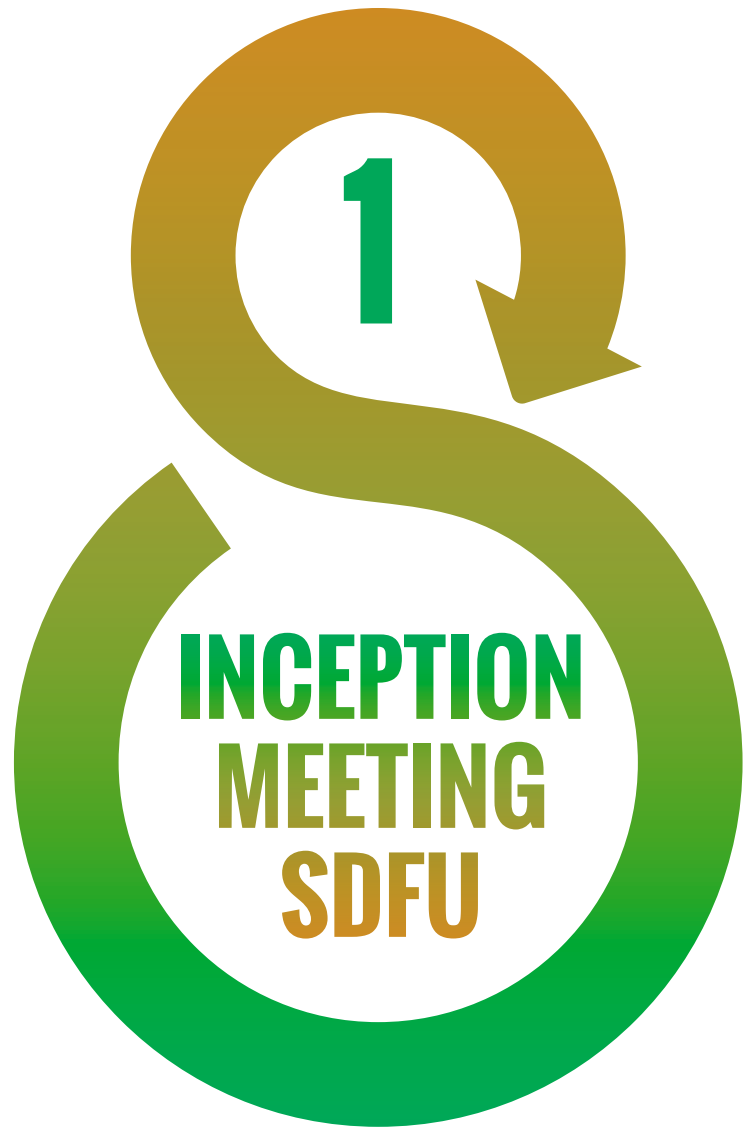
GENESIS OF IMI

A forum was constituted by Dr RS Tolia as a part of a formal working group to discuss and work towards issues confronting Uttarakhand for the sustainable development. This forum was named Sustainable Development Forum, Uttaranchal. To discuss the various aspects of the forum an inception meeting was held in the registered office of SDFU at Dalanwala on 6 April 2016.

Most of the nominated councilors of the SDFU attended the meeting which was chaired by Dr RS Tolia. The councilors and members who attended were Smt Vibha Puri Das, Sri BK Joshi, Sri STS Lepcha, Sri Rajender Dobhal, Sri Krishna Rautella & Ms Binita Shah. Guests like Ms Usha Goel and Ms Mridula Paul were also present.

Dr Tolia in his welcome talk apprised the house the significance of the forum, the role of the forum in context of the larger platform IMI (Integrated mountain Initiative). Consequence to the successful gatherings and activities of IMI in the different parts of the country each participating state is being requested to form or nominate a formal group to carry on the activities of the IMI in the specific state. SDFU would thus represent IMI in the forthcoming programs and activities.

Number actions were taken in the said meeting important to carry the tasks of the forum ahead. The registration of the forum as a society was one of the foremost tasks, the name 'Uttaranchal' after Sustainable Development Forum was also agreed upon instead of Uttarakhand. The



Memorandum of Association (MoA) was studied and a few recommendations and suggestions included making the working of the Forum simpler while also abiding legal compulsions.

Discussions on councilors, memberships and other partner institutions were also discussed. Dr Tolia informed the house about the forthcoming program National Mission on Himalayan Studies NMHS started by the Ministry of Environment GOI, the same is being anchored in GBPHDI, Kosi Katarmal, Almora. Dr Tolia asked everyone to share the information to all stake holders to make proposals for the mission.





Dr RS Tolia Memorial Meeting

20th December 2017
Pacific Hotel, Dehradun



Dr RS Tolia founder IMI and SDF Uttaranchal left the earthly world after fighting liver cancer on 6 December 2016. The news was a shock to all and left hundreds of his colleagues, friends and co-workers heartbroken.

SDFU organized a memorial in the afternoon of 18 of December 2017 for late Dr Tolia. The program was attended by large number of colleagues, friends, member of extended families, members from community and press. The program was also attended by Councilors of IMI Sri PD Rai (MP, Sikkim) Sri Sushil Ramola IMI, Smt Fantry Jaiswal (Arunchal Pradesh), Sri Alemtemshi Jamir (Nagaland).

State government leaders like Munna Singh Chauhan, SDFU councilors Prof AN Poruhit, Ms Vibha Puri Das, Dr R Dobhal, Dr BK Joshi, Sri Lepcha were present along with a number of persons from the state government too attended the gathering. It was a somber occasion but it in a way strengthened a unique bond among all of Dr Tolia's team. The program started with a multi media show created on Dr Tolia by SDFU and was followed by a string of speeches by people present. The speeches were full of respect, sorrow, heartfelt condolences, anguish and

benevolence for the departed soul who had touched the lives in some way or the other of each one present in the hall.



The consultative workshop of Sustainable Development Forum Uttarakhand (SDFU) was held at Uttarakhand State Council of Science & Technology (UCOST), Vigyan Dham, Jhajra, Dehradun on 4th February, 2017. The workshop was attended by well-known scholars, former administrators and subject experts have come together to create a collaborative initiative towards research, policy making and working with the concept of sustainability in mountains of Uttarakhand. Contextualization address of Sustainable Development Forum Uttarakhand workshop was held at Dr. Bhakuni conference hall at UCOST which was chaired by Shri B. S. Burfal (former PCCF) and co-chair for the session was Shri S.T.S. Lepcha (MD, Forest Corporation Uttarakhand). Topic of the session was "Climate Change & its consequences on Natural resources".



2

CONSULTATIVE WORKSHOP (SDFU)

4th Feb 2017
UCOST, Vigyandham, Dehradun

First lecture was delivered by **Shri Jai Raj** (PCCF, Forest Department) on the topic- "Forest fires in Uttarakhand". He initiated the lecture by expressing his concerns over the forest fires of 2016 that caused major damage to the states of Uttarakhand, Uttar Pradesh, Himachal Pradesh and Jammu and Kashmir. He discussed about Information Technology & Geoinformatics Centre (ITGC) for introduction of GIS based technology to locate and detect forest fires and its management strategies.

Second presentation was given by **Mr. Samir Sinha** (CEO, CAMPA) on the topic "Man animal conflict issues in agriculture: findings from the annual session of NASI, Dehradun 2016". He mainly raises the issues of improper dumping and disposal of kitchen and solid wastes and stressed on strategies for solid waste management. He



focused on the facts related to translocation of animals, their homing tendency, troop dynamics, sterilization, learning behaviours and tolerance capacity. He discussed about the possibilities of alternate sources of income for residents of Uttarakhand.

Third lecture of the session was delivered by **Dr Debashish Mandal** (Senior Scientist, ICAR-IISWC) on the topic "Soil status of Uttarakhand and its context to climate change". He gave detail information and various parameters such as the bulk density, infiltration rates and organic matter content about soil status of Uttarakhand. Pictorial representation of area under different erosion classes was also given.

Mr. BS Burfal (Former PCCF) emphasized on the two major issues raised by Mr. Jai Raj assessment of biodiversity



loss in forest fires and also alternative to control burning. He gave his comments on the presentation given by Mr. Samir on man animal conflict on how there was a data gap in the agriculture losses that had been done by the animals as there had been no study and no research done in this field so far. He suggested the requirement of a database for this. He concluded by giving his comments on presentation by Dr. Mondal for the requirement of innovation in agro practices. The session ends up with remarks by **Mr. Lepcha** in which he emphasised on need of innovation in agro-practices to be followed in Uttarakhand.

Mr. Yogal Kishore Pant (Ad. Secreatry, Rural Development Department), gave presentation on the topic "Challenges in livelihoods among mountain communities amidst present ecological & environmental scenario". He presented the statistics on decadal demographic rates, literacy and worker force. A comparative analysis was given for various districts of the state of Uttarakhand. He also presented figures on the operational holdings, category wise labour force, land use patterns in the state, irrigated/unirrigated areas, roads and their connectivity.

Dr. J. K. Bisht, (VPKAS) on topic "Prospect of Agricultural for sustainable development of Uttarakhand". In his presentation Dr. Bisht discussed about the difficulties in accessibility, inadequate market structure, and challenging conditions of hills due to small, fragmented & scattered land holdings. He gave detail introduction of global importance of hills & mountain challenges and difficult assesibility in hill areas. He explained his concerns on the constraints to agriculture in hills which were vivid including accessibility, changes in rainfall pattern due to climate change and also a change in Rabi- Kharif cropping pattern.

Shri Mahendra Singh Kunwar (Secretary HARC), talked about food, security, environment and livelihood. He said that un-irrigated land, high intensity rainfall, vulnerability to hazards and poor infrastructure are major issues of Uttarakhand. State policies should focus on social securities of people like soil health, seed policy, traditional meals etc.

Dr. Devashish from Peoples Science Institute, suggested that education should be linked with skill development. Diversity is strength of hill area if properly utilized.



Finally session ends with remarks of **Ms. Vibha Puri Das** (Former Secretary, GoI) that diversity is really strength of hill agriculture.

Er. R. D. Singh (National Institute of Hydrology, Roorkee). Dr. Singh gave presentation of rainfall and snowfall pattern and its role as a temperature controlling unit. He presented vital information on Gangotri glacier system also explaining the importance of snow and glacier melt system on the river systems in the state. Rivers, lakes, waterfalls and springs are main source of natural water resources in state. There are many issues in related to revival of natural water springs.

Mr Krishna Rautela (Technocrat and consultant) on the topic "Urban planning and challenges in hill cities in Uttarakhand". The presentation included URDPFI guidelines 2014 which didn't discuss what type of planning should be done in mountain areas. The recommendations involved redrawing policy, better land utilization, providing resources to subsidiaries, perspective planning, a need to look at the carrying capacity by the planning sector and a need for a clustered approach. There is a need for immediate recognition for specific requirement of mountain states for supporting development.





Open House Discussion and Discussion for new issues & challenges to be taken up

Prof. A. N. Purohit (Former VC, H.N.B. Garhwal University) said that sustainability should involve sustainable development as well as sustainable growth. He emphasized on the qualitative and quantitative parameters for sustainable growth. Mr. Manoj Pant explained about the sustainable development goals that had been formulated by the planning commission. Mr Pant from Sustainable Development Goal (SDG) said that they have prioritized 17 SDG with 169 targets. These goals involve social sector, livelihood (poverty & no hunger) and environmental sustainability. They have hired Institute of Human Development for this study. 50 indicators from different sectors have been identified and it is a 3 year action plan with 7 year strategy. SDG will have a 15 year vision document. It was suggested that SDG and SDF should implement in state policies in sector like IT, tourism, NTFP and horticulture.

Mr Sinha (Former PCCF, Forest department) suggested that in order to reduce incidences of forest fire there is need of scientific study & training. Forest fire effect ecological system, reduce tourism and indirectly effect economy of state and also hazardous to health of local people.

Mr. Burfal discussed about green felling and need of silviculture in state. It was suggested that cultivation of fodder (Napier grass) under pine trees can be beneficial method. One of the major reason of forest fire is reduction in moisture in soil and environment. Strong institutions and collective approach is the solution of many hill problems.



Some recommendations are as follows-

- Mr. Manoj Pant explained about the sustainable development goals that had been formulated by the planning commission.
- Pinus species serves as a major boost to forest fires.
- A site specific approach on soil related issues need to developed.
- Empowerment of rural institutions.
- Integrated village development model needs to be developed and a village model needs to be developed as said by Ms. Malvika Chauhan.
- Support is required due to difficult topography.
- Organic farming needs to be promoted.
- A pressure group is required to develop and promote agriculture as a whole.
- Self Help Group provide as an important input and need to be developed.

The session was thereby concluded for the recommendations that will be considered and formulated later. Workshop ended with vote of thanks given by Mr. S. T. S. Lepcha, Vice Chairman, SDFU.

3

MEET OF THE MOUNTAIN STATES & IMI MEMBERS CONCLAVE

11th - 12th Feb 2017
WWF Meeting Hall, New Delhi

Meet of the Mountain States is another small but important annual event organized under the aegis of the IMI in New Delhi. The MoM brings out the key learning's and recommendations which have been presented in the past SMDS's are presented to the key officials of specific ministries and legislatures of the Government of India. In this way the in depth and diversified presentations and deliberations are put forward to the specific ministry in a structured manner. SDFU participated in the event on 11 & 12 Feb 2017 in the WWF meeting hall, Lodhi Road, New Delhi.





**Meet of the Mountain States (MoMS V),
WWF auditorium, New Delhi - 10 Feb 2017**

Meet of the Mountain States is an annual event held in Delhi by IMI to further discuss important mountain issues that are brought out at the SMDS and also for policy dialogue with the concerned Ministries and Departments of the Government of India and the Members of Parliament from the Mountain States. Here, the Chief Guest of the meeting, Mr Kiren Rijju, MoS Home Affairs delivers his address, where he spoke passionately about his commitment to the mountains, need to curb our greed and conserve our mountains for the future generations.



The Meet of the Mountain States (MoM) was held on the 11 of February 2017 where the learning's from the major themes of SMDS - Ladhakh was discussed. As Water Security and Skill in the mountain regions were the main themes the officials from Ministry of Skill and from the Ministry of Environment and Forests were invited. The draft policy of Mountain Forests was presented by Ad. Secretary Dr Amita Prasad . Similarly Joint Secretary Jyotsna Shitling participated and shared inputs and learning's from the Ladhakh SMDS. Mr Kiren Rijju Minister for State Home Affairs, was the chief guest in the policy makers dialogue session. Other legislatures present were Sri Tarun Vijay from Uttarakhand.

On the 12 of February the Members Conclave was held where SDFU was represented by Dr Dobhal, Sri Krishna Rautella and Ms Binita Shah. Ms Binita presented in short the activities of the newly formed forum. The forum was also addressed by Dr R. Dobhal. Similarly other states like Nagaland, Arunachal, Sikkim, Himanchal, Jammu and Kashmir and Mizoram was well represented.

4

**BRAIN STORMING
SESSION TO DISCUSS
THE POSSIBLE SCIENCE
AND TECHNOLOGICAL
INTERVENTION OF
RESTORING
NAINITAL LAKE**

Brief about Nainital Lake

Lake Nainital is a natural kidney shaped, warm monomictic type Lake located at 29° 24 N latitude and 79° 28 E longitude at an altitude of 1,938 m above sea level in the state of Uttarakhand, India. The maximum length and width of the lake are 1.43 and 0.45 km while the maximum and mean depth of the lake is 27.3 and 16.5 m, respectively. Crescent shaped and tectonic in origin, Nainital lake is a natural freshwater body, situated amidst the township has an outfall at the south-eastern end. Nainital Lake is a natural lake. Nainital Lake, surrounded by the panoramic seven hills, is known as the Naini Lake, famously, is the main attraction of Nainital city in Uttarakhand state of India. Located in the heart of Nainital, the bright colors of boats bring beautiful beauty to the calm waters of Naini Lake. Its height is 1,937 meters above sea level. The entire lake is 1,410 meters long, 445 meters wide, 26 meters deep. This moon-shaped Naini Lake is an outlet at the southeast end. Naini Lake is one of the four lakes (three others being Satlat Lake, Bhimtal Lake and Nukkuchiyat Lake) in Kumaun hills.

20th June 2017
Raj Bhawan, Dehradun



Causes for Lake degradation

In comparison to other Kumaun lakes, the Nainital lake is subjected to the greatest man-made manipulations and the area experiences the extremes of climate too. Declining water level of the lake had also caused a concern among environmentalists who consider overuse of the lake for water supply purposes during summer a major factor, apart from deficit rainfall, for water levels coming down in the lake. In recent years, due to unplanned construction, encroachment and degradation of recharge zones, deficit in winter rainfall in 2015-2016 and receding monsoon early in 2015 caused the rapid decline in lake water level, about 20ft. It is topic of concern among the local people, environmental agencies, government authorities and ecologist. Concrete constructions causing very low infiltration of rain water which enhances siltation, dumping debris in Sukhatal lake, which is major aquifer recharge area for Naini Lake, causing the lake to shrink from its 2 hectare area. The other important issue is the amount of water extracted from lake which is about 17mld and it increases when there is tourist peak season-summer. According to a recent study conducted by D K Pandey, Forest Research Institute, Dehradun, the water quality of the Naini Lake has been steadily deteriorating and is highly polluted due to the addition of exogenous wastes. As a result of being a popular tourist destination, there has been an increase of more than 37 per cent increase in human and tourist population in the catchment area of the lake. Also, high siltation resulting in reduction of lake depth, the depth of lake has reduced from its original depth of 29 m in 1871 to only 13m in 2007.

The session was called by H.E. Dr. K. K. Paul, Governor, Uttarakhand while expressing his deep concern on deterioration of Nainital Lake. The session started with an introductory remark by Dr. Rajendra Dobhal, DG, UCOST. He set the platform of the session by explaining the current concern about depleting Nainital and urgent need for the scientific interventions for the same. He briefly summarized about the ongoing studies in the Nainital Lake and emphasized for opening a department of Lymnology in some University, so that it can work on the specific problem related to lakes and rivers of the state. There was a brief round of introduction of all the invited experts, Scientists, representatives from administration, researchers and policymakers who have gathered for this session. After this H.E. Dr. K. K. Paul, Governor, Uttarakhand presented his remarks and observation by sharing his experience of several lakes located in different parts of the country and the conservation measures taken to restore them. He expressed the situation as alarming for the depletion of the Nainital Lake and asked the experts to provide the immediate and long terms measures for its restoration. Thereafter, Dr. Sudhir Kumar, Scientist-G, from National Institute of Hydrology (NIH), Roorkee was invited to present the study on "Hydrology of Nainital Lake" carried out by NIH and discuss the recommendation of the study.



Thereafter, several experts including Dr. Indu Kumar Pandey, (Ex-IAS), Mr. Rajiv Lochan Sah, Editor, Nainital Samachar, Prof. G. L. Shah, Retd. Prof., Geography, Kumaun University, Prof. A. N. Purohit, Former Vice Chancellor, H.N.B. Garhwal University, Dr. Arun Kumar from IIT-Roorkee, Dr. Charu C. Pant, Professor, Geology, Sedimentology seismology and tectonics, Kumaun University, Dr. B. K. Joshi, Former Vice Chancellor, Kumaun University, Prof. S. P. Singh, Former Vice Chancellor, H. N. B. Garhwal University, Er. H. P. Uniyal, Advisor, Uttarakhand State Planning Commission, Ms. Binita Sah, Secretary, Sustainable Development Forum Uttaranchal (SDFU), Dr. P. K. Champati Ray, Scientist/Engineer - SG & Group Head, Wadia Institute, Dehradun, Mr. J. S. Suhag (IFS), Forest Hydrology Expert, Dr. Vishal Singh (Fellow and Coordinator), CEDAR, Mr. Krishan Singh Rautela, Sustainable Development Forum Uttaranchal (SDFU), Dr. Rajesh Sharma, Wadia Institute, Dehradun, Dr. Amrish Kumar, Soil Water Conservation, Dehradun etc. presented their views in the session.

Recommendations which were taken up by the district authorities

- Mandatory registration of all lodges and private guest houses operational in Nainital
- Restricted and periodic supply of water to all residential as well as commercial buildings
- Parking protocols developed and implanted for all commercial buildings
- Regular Meetings of between all stake holders of the Nainital Lake like Irrigation department, Jal Sansthan, Lake development Authority, public representatives, civil society etc



Final Recommendations of the sessions are as follows:

The immediate short term measures that can be taken are as follows.

- The continuous cleaning of the Nalas is required and conservation efforts need to be made for Nainital Lake.
- The periodic water supply to the hotels and residential area should be done.
- The maintenance of rain water drainage/ drain was to be done.
- A joint working group of Local Authorities, LDA and Scientists should be developed and regular (15 days) meeting/ monitoring should be carried out jointly. And no other department holds such meeting parallelly.
- A single window can be developed under the chairmanship of Kumaun Commissioner for stake holder agencies responsible for the Nainital Lake.
- The construction debris should be collected and dumped away from the lake.

List of participants in the meeting on Nainital Lake

Meeting Chaired by H.E. Governor of Uttarakhand and organized by UCOST

S.No	Officer Name	Designation
1.	Dr. K.K. Paul	H.E. Governor of Uttarakhand
2.	Sri. Chandra Shekhar Bhatt	Commissioner, Kumaun Mandal, Nainital
3.	Shri. Deependra Kumar Chaudhary	D.M. Nainital
4.	Dr. Rajendra Dobhal	Director General, UCOST
5.	Er. D.C. Singh	Chief Engineer level-1, Irrigation Department Haldwani
6.	Mr. C.S. Negi	E.E PD, PWD, Nainital
7.	Er. Jagdish Chaudhary	E.E, Jal Sansthan, Nainital
8.	Mr. Rohitash Sharma	Executive Officer, Nainital Nagar Palika
9.	Mr. S.T.S Lepcha	Uttarakhand Forest Development Corporation Aranya Vikas Bhawan
10.	Sri. H.P.Uniyal	Advisor, Planning Commission Govt. of Uttarakhand
11.	Prof. Charu. C. Pant	Professor, Geology Department, Kumaun University, Nainital
12.	Prof. G L Shah	Professor, Department of Geography, Kumaun University
13.	Mr. Rajiv Lochan Shah	Editor In Chief, Nainital Samachar
14.	Prof. A.N. Purohit	181/1, Dobhalwala, Dehradun
15.	Dr. Sudhir Kumar	Scientist G, National Institute of Hydrology, Roorkee
16.	Dr. Ambrish Kumar	Principal Scientist,IISWC,Dehradun
17.	Dr. Uday Mandal	Scientist,IISWC, Dehradun
18.	Mr. Shrish Kumar	Secretary L.D.A, Dehradun
19.	Prof. Arun Kumar	Professor, AHEC, IIT, Roorkee.
20.	Prof. M.P. Sharma	Professor, AHEC, IIT, Roorkee.
21.	Dr. Rajiv Gupta	Principal Assistant, NIH Roorkee
22.	Dr. P.K. Champati Ray	IIRS, Dehradun
23.	Dr. S.S. Bhakuni	WIHG, Dehradun
24.	Dr. Rajesh Sharma	WIHG, Dehradun
25.	Dr. Indu Kumar Pande	Member SDFU
26.	Mr. Krishan Singh Rautela	PPP Expert & Treasurar SDFU
27.	Dr. Vishal Singh	CEDAR, Coordinator
28.	Ms. Binita Shah	Secretary, SDFU, Uttarakhand
29.	Sri. Robin Arya	U.K Jal Sansthan
30.	Sri. Sachin Sah	P.D. PWD, Nainital
31.	Sri. J. S. Suhag	CHEA, CEDAR
32.	Prof. S.P Singh	CHEA, CEDAR
33.	Dr. B.P Purohit	J.D, UCOST, Dehradun
34.	Mr. Amit Pokhriyal	Manager (PR), UCOST
35.	Dr. Piyush Joshi	Senior Scientific Officer, UCOST
36.	Dr. Ashutosh Mishra	Senior Scientific Officer, UCOST
37.	Dr. Kirti Joshi	Scientific Officer, UCOST
38.	Dr. Praveen Uniyal	Scientific Officer, UCOST
39.	Er. Jitendra Kumar	Scientific Officer, UCOST
40.	Dr. Govind Kumar	Scientific Officer, UCOST
41.	Mr. Vikas Nautiyal	TA, UCOST



The sustainable Mountain Development Summit (SMDS) was organized by way of seeking consensus among IHR states regarding the creation of a platform where diverse stakeholders working on issues pertinent to mountains could come together to engage in an informed debate on identified themes, with the objective of informing and influencing policy formulation in respect to the mountain region. In doing so, CHEA also took heed of the National Action Plan on Climate Change (2008) which identified the Himalayan and the North-eastern states as most vulnerable regions from the point of view of climate change, and recommended the constitution of a National Mission on Sustainable Himalayan Ecosystem. It also took a cue from the Mountain Initiative begun by Nepal during COP 15 (Copenhagen 2009) of the UNFCCC, in addition to furthering the Mountain Agenda (Chapter 13) of Agenda 21 (UNCED 1992). The emergence of IMI is thus deeply embedded in a historical sequence of national reflection on the importance of mountain regions in India, spread over a period of at least three decades (1981 - 2010)

5

SUSTAINABLE MOUNTAIN DEVELOPMENT SUMMIT (SMDS)

The first Sustainable Mountain Development Summit (SMDS-I), convened under the aegis of the Integrated Mountain Initiative (IMI), was organized with active support from the International Centre for Integrated Mountain (ICIMOD), Deutsche Gesellschaft für Internationale Zusammenarbeit, India (GIZ-India), and others. IMI and SMDS thus simultaneously came into existence in May, 2011 at Nainital dedicating itself to being 'a forum for open and informed dialogue amongst all stakeholders of the IHR states' (Task Force, 2010)

The First SMDS (SMDS-I):

Nainital, Uttarakhand, 2011

The Second SMDS (SMDS-II):

Gangtok, Sikkim, 2012

The Third SMDS (SMDS-III):

Kohima, Nagaland, 2013

The Fourth SMDS (SMDS-IV):

Itanagar, Arunachal Pradesh, 2015

The Fifth SMDS (SMDS-V):

Leh Ladakh, 2016

The Sixth SMDS (SMDS-VI):

Aizawl, Mizoram, 2017

Past all the Sustainable Mountain Development Summits have successfully addressed the needs and issues related to the mountain and hill states of India. The themes and papers presented have been at the core in implementing certain concrete and objective policies.



SMDS-V **UNDER THE AEGIS OF IMI**

20th - 22nd Sept. 2016
Leh- Ladakh

The fifth SMDS was held on 20 -22 September, 2016 in Leh Ladhakh, Jammu & Kashmir. The conference was organized by the Ladakh Autonomous Hill Council, Leh and The Snow Leopard Foundation along with IMI.

Two representatives from SDF U Mr STS Lepcha and Ms Binita Shah participated in the workshop. Sri H.P. Uniyal from department of Planning, Govt. of Uttarakhand represented the state government; members from civil society Uttarakhand who participated were Ms Rashmi Bharti (AVNI) and Mr Lalit Pande (SEWA NIDHI).

The primary themes which were taken in the Leh Conference were as below:

A. Water Security in the Mountains

- (a) Receding glaciers and snow-cover areas
- (b) Water Conservation and Preservation Techniques - Traditional and New Technologies
- (c) Water for Mountain Agriculture

B. Skills for Development in the Mountains

- (a) Developing Entrepreneurs
- (b) Skills required in the Mountains
Success Stories (tourism, agriculture, crafts, etc.)

There were also parallel events in the conference In line with previous Summits, they were break-away sessions sub themes based on focused group discussions.

An exhibition was organized on Himalayan Landscape.

At the same time other parallel sessions were on :

- Policy-Makers Dialogue
- Legislators Meet

The immense work on water done by the local agencies led by Mr Sonam Wanchuk in Ladhakh where artificial glaciers are being created for the irrigation of dry farms was an eye opener. The dry desert did give the visiting participants from other parts of the Himalayas a challenging first day the conference discussions were energetic and dialogue

Sustainable Mountain Development Summit (SMDS) - V organized by the Ladakh Autonomous Hill Development Council (LAHDC), the Snow Leopard Foundation in collaboration with the Integrated Mountain Initiative (IMI) was held in Leh between the 20-23 Sept 2016. Hon. Dy. CM of Jammu and Kashmir, Dr. Nirmal Singh lighting the ceremonial lamp during the inaugural session.

Synopsis

Binita Shah
Founder/ CEO, SARG Vikas Samiti,
Uttarakhand

Integration of Institutional and Individual Capacity Building for Enhancing Sustainable Agriculture for Mountain States

Public sector investment in building farmers capacity in production as well as in the value chain has been the focus for a few decades now. Agriculture based Livelihood is the largest yet economically the weakest sector for want of cutting edge interventions. The sector is a complex one with issues ranging from climatic vagaries to global





The Summit VI was unanimously decided to be held in Aizawl, hosted by the Mizoram Sustainable Development Foundation (MSDF). The themes proposed for discussion and intellectual scrutiny in this summit are in conformity with the IMI's vision and mission with a hope of conceptualizing more specific targets and solutions that would benefit the mountain states. Keeping in mind the geographical aspects of the hills states where the forest cover areas are large and vast, and the majority of the people living in these areas depend upon it for livelihood. Forest becomes a centric focus. The protection of livelihood comes in contrast with the conservation of forest, and how the existing forest rules and issues may aid in the development of the hill states. There are enormous prospects in the hill and mountain states for a thriving eco-tourism and mountain agriculture. Through the Summit it was hope to gather insights into these topics that will eventually concern all the state members.

The Mizoram Summit consolidate recommendations from earlier five summits and build a roadmap for the mountain states to collaborate on and will be organised in two stages: Pre-Summit Stage and Summit Stage.

1.1 Pre-Summit Stage

i) Consolidation and Stocktaking Workshop

Outline of the Consolidation and Stocktaking Workshop:

- Review of recommendations from the earlier summits
- Highlight challenges for cooperation and partnerships among Himalayan states
- Plan for building a knowledge repository
- Needs assessment for future roadmap
- Nomination of a working group for post-summit work

ii) Youth Summit

During the Youth Summit, the 1st Young Mountain Filmmakers Competition will also take place, wherein the young filmmakers from mountain states will gather and showcase their work on critical mountain issues like conservation, climate change, sustainability, loss of cultural identity etc.

1.2 Summit Stage

The Summit will deliberate on Climate Change and Sustainable Mountain Cities and other relevant issues related with these themes.

I-Climate Change

- Research to Policy Gaps
- SAPCC Initiatives in States
- Adaptation Stories

II- Sustainable Mountain Cities

- Waste Management in Mountain States
- Infrastructure development in mountain states
- Disaster risk reduction & management

1.2.2 Learning Session

- A. Systems Thinking
- B. Landscape governance

1.2.3 Parallel Events

- A. Policy Dialogue
- B. Legislators Meet on Mountain Issues and Collective Action
- C. Mountain Partnership

1.2.4 Side Events

- A. Networking Bazaar
- B. The 6th Indian Himalayan Photography Competition
- C. Dr. Rajendra Dobhal, Mr. Krishna Rautela of Sustainable Development Forum, Uttarakhand (SDFU) and Mr. Anoop Nautiyal, Founder Chairperson, Gati Foundation, Dehradun participate in the Sustainable Mountain Development Summit at Mizoram University, Aizawl, Mizoram from 20th - 22nd September, 2017.

Abstract

Mr. Anoop Nautiyal

(Nominated delegate by SDFU in SDMS-VI)

Sustainable Mountain Cities

Emboldened by the surge of urbanization, India's Cities are undergoing extensive transformations. Buoyed By flagship schemes launched by the Ministry of Urban Development (MoUD) Like the Smart Cities Mission (SCM), The Atal Mission for Rejuvenation and Urban Transformation (AMRUT) And Pradhan Mantri Awas Yojna (PMAY) - We are witnessing a myriad of urban centric solutions taking shape in our country. Capital intensive And technology driven solutions are the rage; racing to change our urban landscapes. Nation wide Competitions and scorecards designed by the Quality Council of India (QCI) such as Swatchh Survekshan are ushering in a spirit of competitive federalism. On the anvil is the soon to be launched livability index, which will be implemented in 116 Cities in the country. In this nest of capital, technology, quality, competitions, and livability, is something missing? This is one of the larger questions confronting us. Pertinent from the point of the view of the mountain states and their cities the answer is simple and straightforward: sustainability. There is a crying exigency for an integrated and inclusive urban model of sustainable governance for mountain cities. That is the need of the hour. My research based presentation at Aizawl will focus on some of these urban developments at play on a pan India, National landscape. Building up the base the presentation will articulate the urgent need for an alternative, sustainable urban narrative that is a necessity not only for the mountain cities but also for urbanization at large. We will look at few examples of successful mountain city urbanization and the possibilities for replication of these inspiring stories. The Presentation will conclude with a set of sustainable, urban policy recommendations for mountain cities as well as few action items.

Valley of Words (VoW), The International Festival of Literature and Arts, was held by The Shivalik Hills Foundation Trust from 17th-19th November, 2017. The three day event took place at Hotel Madhuban on Rajpur Road in Dehradun, ensconced in the scenic Doon Valley, on the foothills of the Himalayan hill state of Uttarakhand. The entry to the festival was marked open free for the public, offering access and engagement with a galaxy of ideas and their authors.

The first edition of VoW was carefully curated across Four Knowledge Verticals of English (Fiction and Non Fiction); Hindi (Fiction and Contemporary Affairs); Military History and Strategy Platform; and R S Tolia Forum (issues on Mountain Development and Ecology). Each of these verticals were allocated 4 separate venues within the main venue. Their respective events varied from book readings and launches; poetry and storytelling formats; solo lectures and panel discussions - each engaging in a diverse set of themes across curated sessions. The events were interspersed with strategic intervals where the audiences got the chance to meet with the authors and speakers personally.



6



**RST FORUM IN
VALLEY OF WORDS
(VOW)**

**17th - 19th Nov. 2017
Madhuban Hotel, Dehradun**

Besides the written and spoken words, the festival also celebrated other genres of creative expressions - Performing Arts (Folk Music, Dance and Puppet Theatre) Visual Arts (Painting and Photography) and Handicrafts. Four exhibitions ran concurrently in the festival, showcasing - Philately Collection on Uttarakhand; Paintings by Children; Photography and Handcrafted products from across the country, with special focus on the Pan-Himalayan states of India.

In its pursuit to celebrate, honour and promote creative excellency and diversity, the festival witnessed the congregation of an eclectic mix of thinkers, writers, activists, politicians, bureaucrats, legal and military professionals, development consultants, media personalities, academicians and social entrepreneurs under one roof. Concerted effort was made to give prominence to young and upcoming talent, representing and engaging both the cosmopolitan and bucolic identities. The festival hosted 70 sessions featuring 200 hundred resource persons in its very first edition.



About R S Tolia Forum

This forum is a tribute to ex Chief Secretary Late RS Tolia, who was the Chief Secretary and the first CIC of Uttarakhand. He was an inspirational leader and mentor to a generation of bureaucrats, forest officers, civil society and RTI activists. Under the RST forum issues connected with Mountain Ecologies; Migration; Innovations and Practices in Mountain Agriculture and Forest Based Livelihoods; Himalayan Explorations and Sustainable Development with special reference to the Himalayan region was engaged with.

Forum Overview

RST Forum began as an idea to celebrate and commemorate the vision of Dr. R S Tolia - a scholar-administrator, RTI activist and a lover of mountains and forests. Through continued discussions it developed into a forum of Development Literature and Sustainable Development Dialogue, as they usually do not get front-page headlines or scale peaks of bestseller lists. In developing country like India, Development Literature needs to be mainstreamed and deserves to be brought to the common masses as it affects their fate. It is often read & discussed only in very limited circle of erudite & academic crowd and sometimes is not able to interest even very practitioners for whom it is actually intended. RST Forum is an attempt to create that space for Development Literature in the mainstream discourse and initiate Development Dialogue among all the stakeholders.

Craft Exhibition

Under the RST Forum, a Craft Exhibition was also curated to showcase the best of Himalayan Creative Industries and their role in pushing the regional economies and the potential it holds in generating livelihood opportunities. Participants were from a diverse group of NGO's, Departments as well as Private entrepreneurs from across the state of Uttarakhand. Invitation was extended to participants from other Himalayan States like Sikkim and Nagaland as well as from Non-Himalayan, working in the realm of livelihood and innovation through sustainable usage of indigenous resources, so as to make the event, in time, a space of collaboration and knowledge sharing between creative industries linked deeply with livelihood and skill development.



On the occasion of International Mountain Day on 11th December, 2017 second R. S. Tolia Memorial lecture was organised in UCOST on theme - 'Mountains under pressure, climate, hunger and migration' at Regional Science Centre (RSC, Vigyan Dham). The lecture was delivered by Shri Chandi Prasad Bhatt (Padma Vibhushan) and well known environmentalist. This lecture was organised by UCOST, SDFU and GBPNIHESD.



A formal introduction to the lecture and the importance of International Mountain Day for the Himalayan communities was given by Dr. Rajendra Dobhal (DG, UCOST). He said that Dr. Tolia started the movement and united the people of not only 12 Himalayan states but also of 8 Hindukush countries. R.S. Tolia memorial lecture will be organized every year by UCOST, SDFU and GBPNIHESD. He highlighted the migration issues that were happening in not just the Himalayan region but throughout the globe. The lecture was delivered by Shri Chandi Prasad Bhatt (Padma Vibhushan) and well known environmentalist on the topic '**Himalaya- Sensitivity, Threats and Challenges**'. Shri Chandi Prasad Bhatt talked about Dr RS Tolia and his visionary steps towards Himalaya. He highlighted the issues about the lack of political will power and also the presence of various environmental acts with no implementation at ground level. He gave a presentation on disasters, various river basins, a brief description of flora and fauna of Himalayan region and various other movements for protection of environment.

7

R. S. TOLIA MEMORIAL LECTURE

**Date: 11th Dec 2017
RSC, VIGYANDHAM, Dehradun**



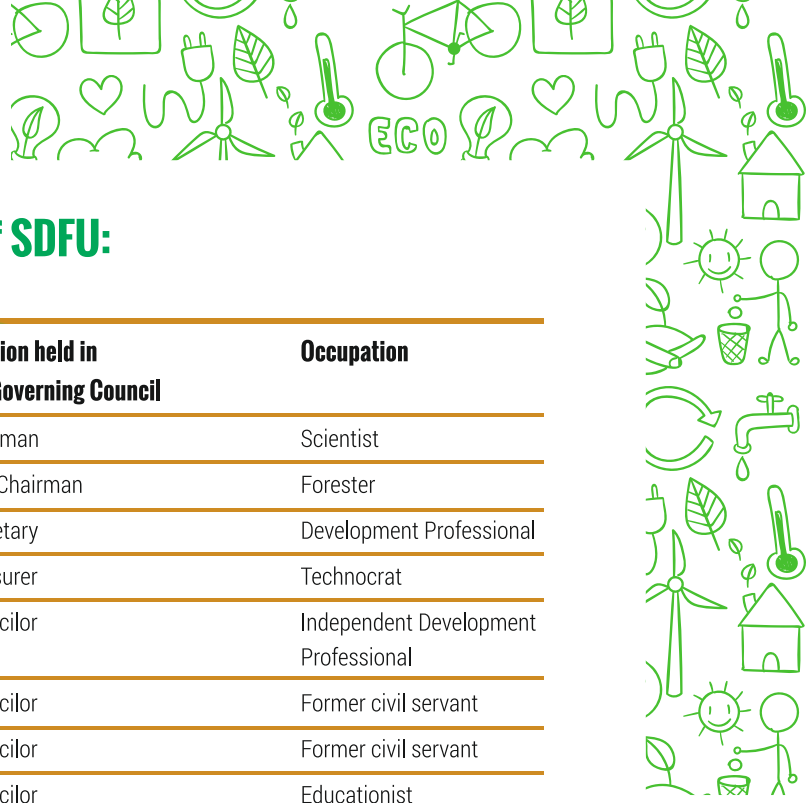
Some suggestions for conservation and protection of Himalaya were also given by Prof. A. N. Purohit and Shri N. S. Napalchyal.

Prof. A. N. Purohit, Dr. Rajendra Dobhal, Shri Anoop Nautiyal, Shri N.S. Napalchayal, Ms. Vibha Puri Das, Ms. Binita Shah, Shri Vineet Pangtey, students from various schools and colleges, experts and UCOST officials and staff were present. The programme was coordinate by Dr Piyush Joshi from UCOST & the vote of thanks was given by Ms. Binita Shah.



List of Activities/ Meetings of SDFU:

S.No.	Activities	Date	Venue
1.	1 st SDF Councilors Meet	05 th April 2016	Inderlok Hotel, Rajpur Road, Dehradun
2.	2 nd SDF Councilors Meet	08 th April 2016	Dalanwala, Dehradun Uttarakhand
3.	3 rd SDF Councilors Meet,	04 th June 2016	USHA Society Club, Dehradun Uttarakhand
4.	4 th SDF Councilors Meet	08 th Oct 2016	Inderlok Hotel, Rajpur Road, Dehradun
5.	5 th SDF Councilors Meet	14 th Jan 2017	VIGYAN DHAM, UCOST, Dehradun
6.	SDFU Board members meeting	14 th Jan 2017	5/6, (New 25, Lane No. 3), Teg Bhadur Road, Dalanwala, Dehradun Uttarakhand
7.	Brainstorming Consultative session (collaboration with UCOST)	04 th Feb 2017	VIGYAN DHAM, UCOST, Dehradun
8.	6 th SDF Councilors Meet	08 th April 2017	5/6, (New 25, Lane No. 3), Teg Bhadur Road, Dalanwala, Dehradun, Uttarakhand
9.	Brain storming session to discuss the possible Science and Technological intervention of restoring Nainital Lake (collaboration with UCOST)	20 th June 2017	Raj Bhawan, Dehradun
10.	7 th SDF Councilors/ Members Meet	21 st July 2017	Regional Science Centre, VIGYAN DHAM, Jhajra, Dehradun
11.	8 th SDF Councilors/ Members Meet	13 th October 2017	347, Vasant Vihar, Phase II, Dehradun
12.	R. S. Tolia Memorial lecture (collaboration with UCOST)	11 th Dec 2017	Regional Science Centre, VIGYAN DHAM, Jhajra, Dehradun
13.	9 th SDF Councilors/ Members Meet	12 th January 2018	VIGYAN DHAM, UCOST, Dehradun



List of Councilors and members of SDFU:

Sl. No.	Name	Position held in the Governing Council	Occupation
1	Dr Rajendra Dobhal	Chairman	Scientist
2	Shri STS Lepcha	Vice Chairman	Forester
3	Ms Binita Shah	Secretary	Development Professional
4	Sri Krishan Singh Rautela	Treasurer	Technocrat
5	Ms Vibha Puri Das	Councilor	Independent Development Professional
6	Shri Nrip Singh Napalchyal	Councilor	Former civil servant
7	Shri N Ravi Shankar	Councilor	Former civil servant
8	Dr BK Joshi	Councilor	Educationist
9	Dr Bhagat S Burfal	Councilor	Forester
10	Dr Rajesh Thadani	Councilor	Ecologist
11	Prof AN Purohit	Councilors	Educationist
12.	Shri Indu Kumar Pandey	Councilors	Former civil servant

The Himalachal

Sustainable Development Forum established

DEHRADUN, APR 8 (HTNS) Uttarakhand Sustainable Development Forum (SDF) was established in state with the objectives that it will help in collaborative initiative of large number of constituents from grassroot to policy making by united organizations and people from

course and narratives involving mountain regions. Also it will help in providing a platform for networking, sharing and bringing issues of mountains at a national level, for the benefit of all stakeholders.

Further the forum will help in developing or catalysing meaningful pilots for applying innovative ideas and experimentation in diverse socio-economic and geographical conditions. It will also encourage inter-agency studies and consultancies related to development

ecological, governance challenges and employment issues which are faced by populations. The forum will also help in the development of data-bank of the Himalayan region, organizations, organizations, activists etc. working in the field, with storage and retrieval systems to support an integrated approach for planning and project implementation. The forum will also encourage

Dr. R. Dobhal, Chairman, SDFU and G.S. Rawat, WII was nominated as councillor of IMI in 2017

Mr. Krishna Rautella, SDFU was appointed as returning officer in the electoral processes of IMI for 2017

Dr. RS Tolia award was given to Ms. Rashmi Bharti, Director AVNI in the year 2017.

formed that forum counselors include three ex-chief secretaries of Uttarakhand state, RS Toliya, N.S. Napatheyal, Ravishankar and ex-principal secretary Vibha Puri Das and present chairman of finance commission of Uttarakhand



FORUM NEWS



in Uttarakhand

servator, Forest Department, Uttarakhand

The Himalachal Times

Sustainable Development Forum established in Uttarakhand

DEHRADUN, APR 8 (HTNS)

Uttarakhand Sustainable Development Forum (SDF) was established in state with the objectives that it will help in collaborative initiative of large number of constituents from grassroots to policy making by united organizations and people from the political system, government, academics, civil society, media etc working towards the common vision and mission. The forum will work on issues and concerns such as water, climate change, livelihoods, energy, Himalayan ecosystem, and any other issues of importance to the mountain regions, etc. It will work towards enhancing the value for the Uttarakhand people by providing

course and narratives involving mountain regions. Also it will help in providing a platform for networking, sharing and bringing issues of mountains at a national level, for the benefit of all stakeholders.

Further the forum will help in developing or catalysing meaningful pilots for applying innovative ideas and experimentation in diverse socio-economic and geographical conditions. It will also encourage integrated studies and consultancies etc related to developmental, ecological, governance challenges and emerging issues which are faced by the populations of the Uttarakhand state. The forum will also help in establishment of data-base on the Himalayan region, populations, organizations, activists etc. work in the field, with storage systems



various sections of the mountain communities in inter-disciplinary pursuits, relevant to the needs of the region by supporting and enabling field trips, refresher and short-term courses and seminars. Binita Shah, organic farming and secretary of Uttarakhand

formed that forum counselors include three ex-chief secretaries of Uttarakhand state, RS Toliya, N.S. Napalchayal, Ravishankar and ex-principal secretary Vibha Puri Das and present chairman of finance commission of Uttarakhand Prof B K Joshi. The forum also includes several national and international environmental and subject matter experts from the field. Shah also informed that Dr Rajendra Dobhal, Director General, Uttarakhand State Council for Science and Technology (UCOST), Dehradun, was nominated as the Chairman of the newly developed forum. STS Lepcha, Chief Con-

servator, Forest Department, Uttarakhand, was selected as the Vice Chairman for the forum. Krishan Singh Rautela, technocrat, was nominated as the Treasurer of the forum.

Sustainable Development Forum (SDF), will work in coordination with International Mountain Initiative (IMI) as a network partner, and will help in achieving its objectives through its work in Uttarakhand.

This initiative will not only help in development of the state and its people socio-economic condition, but will also help in drafting policy initiatives through sustainable developing of environmental and ecosystem of the entire hilly area of Uttarakhand.

Looking at the present environmental problems of the state the role of forum becomes of utmost importance, as it covers entire Uttarakhand. With the establishment of the present forum, it was expected that the state will get the sustainable solution for its current prevailing problems.

The Tribune

VOICE OF THE PEOPLE

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Dobhal to head sustainable development forum

TRIBUNE NEWS SERVICE

DEHRADUN, APRIL 8 Former bureaucrats, scientists, agriculturists and other technocrats have joined hands for setting up of a sustainable development forum (SDF) and boost environment-friendly development in the state. Dr Rajendra Dobhal, Director General, Uttarakhand State Council for Science and Technology (UCOST), Dehradun, will be the chairman of the forum while senior forest officer STS Lepcha will be vice-chairman. Krishan Singh Rautela, a technocrat, will be treasurer whereas Binita Shah, an organic farming expert, will be the secretary of the forum. The forum will work on issues such as water, climate change, livelihood,

energy, Himalayan ecosystem, and any other issues related to the importance to mountain regions. It will work towards enriching the lives of the people by impacting policy changes from the perspective of the mountain people. The forum will also help in providing a platform for networking, sharing and bringing issues of mountains at a national level for the benefit of all stakeholders.

Former chief secretaries RS Tolia, NS Napalchayal, Ravishankar, former Principal Secretary Vibha Puri Das, finance commission chairman Prof BK Joshi will be advisers to the forum. "The initiative will help in the development of the state and improving its socio-economic condition," Binita said.

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का समन्वयक
है कि उत्तराखण्ड
के और भौतिक
का ही विकास को
का जोड़ा जाएगा।
महा बैंक को तैयार
पत्रिका को नवनाओं
मदद करेगा।

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उत्तराखंड में सस्टेनेबल डेवलपमेंट फोरम का किया गया गठन



पर्यावरण संरक्षण की दिशा में काम कर रहे लोगों को एक मंच पर लाकर फोरम

DEHRADUN (8 April) : उत्तराखंड में ग्राम-स्तरीय पर नीति निर्धारण में समाज, पर्यावरण, आजीविका, ऊर्जा व शिक्षण पर स्थानीय स्तर के लोग को शामिल करने के लिए सस्टेनेबल डेवलपमेंट फोरम गठित किया गया है। फोरम का उद्देश्य ग्रामीण स्तर पर पर्यावरण, आजीविका, ऊर्जा व शिक्षण पर स्थानीय स्तर के लोगों को एक मंच पर लाकर फोरम का गठन किया गया है। फोरम का उद्देश्य ग्रामीण स्तर पर पर्यावरण, आजीविका, ऊर्जा व शिक्षण पर स्थानीय स्तर के लोगों को एक मंच पर लाकर फोरम का गठन किया गया है।

फोरम की की गई स्थापना

के पर्यावरण संरक्षण की दिशा में काम कर रहे लोगों को एक मंच पर लाकर फोरम का गठन किया गया है। फोरम का उद्देश्य ग्रामीण स्तर पर पर्यावरण, आजीविका, ऊर्जा व शिक्षण पर स्थानीय स्तर के लोगों को एक मंच पर लाकर फोरम का गठन किया गया है।

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Dehradun, Saturday, 9 April 2016 Page 12 Price ₹ 1.50

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DEHRADUN, SATURDAY APRIL 9, 2016 PAGES 16-12

Experts set up Sustainable Development Forum

DEHRADUN : A group of experts has set up a Sustainable Development Forum in Dehradun to address the needs of the community at the grassroots level. The forum will focus on environmental protection, livelihoods, energy, and education. It aims to provide a platform for local people to voice their concerns and participate in decision-making processes. The forum will also work towards creating awareness about sustainable development and its benefits. It will organize various activities, including seminars, workshops, and campaigns, to educate the public about the importance of sustainable development. The forum will also collaborate with government agencies and other organizations to implement sustainable development projects in the region.

अमर उजाला

जानता की समस्याएं सुलझाएगा एसडीएफ



देहरादून : एक समूह के विशेषज्ञों ने देहरादून में एक 'सustainable Development Forum' (एसडीएफ) की स्थापना की है। यह फोरम ग्रामीण स्तर पर पर्यावरण, आजीविका, ऊर्जा व शिक्षण पर स्थानीय स्तर के लोगों को एक मंच पर लाकर फोरम का गठन किया गया है। फोरम का उद्देश्य ग्रामीण स्तर पर पर्यावरण, आजीविका, ऊर्जा व शिक्षण पर स्थानीय स्तर के लोगों को एक मंच पर लाकर फोरम का गठन किया गया है।

₹ 19 अंक 340
 ₹ 24+4=28
 देहरादून, शिवाग्र
 10 अप्रैल 2016
 नगर संस्करण
 मूल्य ₹ 4.00

देहरादून, शिवाग्र
 10 अप्रैल 2016
 नगर संस्करण
 मूल्य ₹ 4.00

राष्ट्रीय महाराष्ट्र

been selected as the Chairman for the forum. Singh Rautela. Techno...

Dobhal to head newly constituted Uttarakhand Development Forum

DEHRADUN: Dr Rajendra Dobhal, the Director general of the state council for science and technology has been nominated as the chairman of the newly constituted Uttarakhand Development Forum (UDF) that will assist the government in drafting policies for sustainable development in the state.

सस्टेनेबिल डेवलपमेंट फोरम का गठन किया

देहरादून। राज्य में सस्टेनेबिल डेवलपमेंट फोरम का गठन किया गया है। इस फोरम का अध्यक्ष डॉ. राजेंद्र दोबhal को नियुक्त किया गया है।

Logo of Uttarakhand Development Forum (UDF) with text: नगर संस्करण, राधिका • 10 अप्रैल • 2016

Garhwal Post

For Tomorrow's People | Sunday, 10 April, 2016 | Pages 16 | Price ₹ 1

Uttarakhand Development Forum (SDF) established in Uttarakhand



By OUR STAFF REPORTER DEHRADUN. A Sustainable Development Forum (SDF) established in state with following objectives. It will help in collaborative initiatives of large number of concerned members to policy making by grass roots and people from the political system, government, academia, civil society, media etc working towards the common vision and goal of the state.

विवेक जागर

राज्य में सस्टेनेबिल डेवलपमेंट फोरम का गठन

देहरादून। राज्य में सस्टेनेबिल डेवलपमेंट फोरम का गठन किया गया है। इस फोरम का अध्यक्ष डॉ. राजेंद्र दोबhal को नियुक्त किया गया है।

as Binita Sha farming exper secretary of The forum issues such mate char



GOYAL BHANOT & CO
Chartered Accountants

GURUGRAM

150 Vipul Trade Centre,
Sohna Road, Gurugram,
Haryana - 122018
t. 0124 4301908
0124 6541114

DEHRADUN

23, EC Road,
Dehradun
Uttarakhand - 248001
t. 0135 2711730
e: info@gbc-ca.com
w: www.gbc-ca.com

AUDITOR'S REPORT

To,
The Members
Sustainable Development Forum-Uttaranchal,
Dehradun, Uttarakhand.

We have audited the accompanying Financial Statements of **Sustainable Development Forum-Uttaranchal** which comprise the Balance Sheet as at 31st March 2017 and Income & Expenditure account for the year ended on that date.

The management of **Sustainable Development Forum-Uttaranchal** is responsible for the preparation of these Financial Statements in accordance with law. This responsibility includes the design, implementation and the maintenance of the internal control relevant to the preparation and the presentation of the financial statements that give true and fair view and free from the material misstatement, whether due to fraud or error.

Our responsibility is to express an opinion on these Financial Statements based on our audit. We have conducted our audit in accordance with the applicable Standards on auditing issued by the Institute of Chartered Accountants of India. Those Standards require that we comply with ethical requirement and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements.

An Audit involves performing procedures to obtain evidence about the amounts the disclosure in the financial statement. The procedures selected depend on the auditor's judgement, including the assessment of the risk of material misstatements of the financial statement, whether due to fraud and error. In making those risk assessments of the financial statements, the auditor considers internal control relevant to the preparation and fair presentation of the financial statement in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimate made by the management, as well as evaluating the overall presentation of the financial statements. We believe that the audit evidence that we have obtain is sufficient and appropriate to provide a basis for our audit opinion.

In our opinion and to the best to our information and according to the explanations given to us, the aforesaid Financial Statements gives the information required by the Act in all material respects and give a true and fair view in conformity with the Accounting Principles generally accepted in India:

- (a) in the case of the Balance Sheet, of the state of affairs of the Society as at March 31st, 2017; and
- (b) in the case of the Income & Expenditure Account, of the cash flows for the year ended on that date.

Date:
Place: Dehradun



For Goyal Bhanot & Co
Chartered Accountants

CA Mukesh Goyal
[Partner, FCA]
MRN- 400697
FRN- 012376C

SUSTAINABLE DEVELOPMENT FORUM - UTTARANCHAL			
5/6(NEW 25), LANE NO.3, TEG BHADUR ROAD , DALANWALA,DEHRADUN-248001			
BALANCE SHEET AS ON 31/03/2017			
Liabilities	Amount(Rs.)	Assets	Amount(Rs.)
Capital Fund	27,000.00		
		Cash at Bank	26,985.00
General Fund	(15.00)		
	26,985.00		26,985.00

**For Sustainable Development
Forum Uttranchal**

"As per our Audit Report of even date annexed"
FOR Goyal Bhanot & Co.
Chartered Accountants

(Chairman)

(Secretary)

CA Mukesh Goyal
(FCA, PARTNER)

M NO 400697

FRN 012376C

Dated:

Place: Dehradun



SUSTAINABLE DEVELOPMENT FORUM - UTTARANCHAL			
5/6(NEW 25), LANE NO.3, TEG BHADUR ROAD , DALANWALA,DEHRADUN-248001			
INCOME & EXPENDITURE A/C FOR THE YEAR ENDED 31/03/2017			
Particular's	Amount(Rs.)	Particular's	Amount(Rs.)
Bank charges	15.00	Defecit	15.00
	15.00		15.00

"As per our Audit Report of even date annexed"

**For Sustainable Development
Forum Uttranchal**

**FOR Goyal Bhanot & Co.
Chartered Accountants**

(Chairman)

(Secretary)

**CA Mukesh Goyal
(FCA, PARTNER)**

Dated:
Place: Dehradun

M NO 400697
FRN 012376C





GOYAL BHANOT & CO
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Date:
Place: Dehradun



For Goyal Bhanot & Co
Chartered Accountants

CA Mukesh Goyal
[Partner, FCA]
MRN- 400697
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SUSTAINABLE DEVELOPMENT FORUM - UTTARANCHAL					
5/6(NEW 25), LANE NO.3, TEG BHADUR ROAD , DALANWALA,DEHRADUN-248001					
BALANCE SHEET AS ON 31/03/2018					
Liabilities		Amount(Rs.)	Assets		Amount(Rs.)
Capital Fund:					
Opening Balance	27,000.00				
Add: During the Year	12,000.00	39,000.00	Cash at Bank		20,158.22
General Fund:					
Opening Balance	(15.00)				
Less: Defecit	(18,826.78)	(18,841.78)			
		20,158.22			20,158.22

For Sustainable Development
Forum Uttranchal

"As per our Audit Report of even date annexed"
FOR Goyal Bhanot & Co.
Chartered Accountants

(Chairman)

(Secretary)



CA Mukesh Goyal
(FCA, PARTNER)
M NO 400697
FRN 012376C

Dated:
Place: Dehradun

SUSTAINABLE DEVELOPMENT FORUM - UTTARANCHAL			
5/6(NEW 25), LANE NO.3, TEG BHADUR ROAD , DALANWALA,DEHRADUN-248001			
INCOME & EXPENDITURE A/C FOR THE YEAR ENDED 31/03/2018			
Particular's	Amount(Rs.)	Particular's	Amount(Rs.)
Incorporation Expenses	12,000.00	Interest Income	1,219.39
Website Expenses	8,000.00	Defecit	18,826.78
Bank charges	46.17		
	20,046.17		18,826.78

For Sustainable Development
Forum Uttranchal

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FOR Goyal Bhanot & Co.
Chartered Accountants

(Chairman)

(Secretary)



Dated:
Place: Dehradun

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