



**Report of the One Day Awareness Workshops/Camps
Organized by the H.P. State Biodiversity Board to the
Stakeholders of Biodiversity of Development Blocks Namely;
Nadaun, Rait, Chauntara, Narkanda and Rohru About Biological
Diversity Act, 2002 and Biological Diversity Rules, 2004**



H.P STATE BIODIVERSITY BOARD

**State Council for Science Technology and Environment, H.P
34-SDA Complex, Kasumpti, Shimla-9
(Telephone 0177-2622489, 2622490, Fax: 0177-2620998)**

Introduction:

The H.P. State Biodiversity Board/State Council for Science Technology and Environment, H.P organised two one day awareness workshops to the stakeholders of biodiversity of Development Block of Balh (27-2-2013) District Mandi, Development Block Baijnath (2-3-2013) District Kangra, Development Block Chirgaon (12-3-2013), Development Block Theog, District Shimla, Development Block Rajgarh in District Sirmour (26-3-2013) and Development Block Rampur (29-3-2013) H.P. in the State.

Objectives:

The objectives of the one day awareness workshops were as follows:

- To create awareness to the stakeholders of biodiversity of the Development Blocks about Biodiversity, its importance and conservation and management.
- To create awareness to the stakeholders about the Biological Diversity Act, 2002 and Rules, 2004
- To apprise the stakeholders about the implication of Biological Diversity Act
- To apprise the stakeholders about Biodiversity Management Committees and its role for conservation
- To apprise the stakeholders about Biodiversity Register

Methodology Adopted:

- The Resource persons were selected from UHF, Nauni, Solan, H.P, Department of Agriculture, H.P and Govt. Degree College, Seema, Rohru, Shimla District, H.P and Principal Scientific Officer, State Council for Science Technology and Environment, H.P was the main Resource Person besides the Resource Persons from the above institutions.
- Local Block Development Officer assisted the State Council for Science Technology and Environment, H.P in co-ordinating the one day awareness workshop at their respective Development Blocks. The participating stakeholders were representative of the Panchayati Raj Institutions namely Zila Parishad Members, BDC members, Pradhans and Up-Pradhans and other members of the Panchayats, Representative of the NGOs, Mahila Mandals and Yuvak Mandals which were invited through the concerned Block Development Officer of the Development Block .
- Officers/officials from the line departments were invited by the State Council through their district/division Heads.
- Presentations given and lectures were delivered to the participating stakeholders about biodiversity and Biological Diversity Act, 2002.
- Literature on biodiversity in general and Biological Diversity Act, 2002 and Rules, 2004 distributed to the participants.

REPORT OF THE ONE DAY AWARENESS WORKSHOP ORGANISED AT DEVELOPMENT BLOCK, NADAUN, DISTRICT HAMIRPUR OF THE STATE OF H.P

Venue: Samiti Bhawan

Dated: 9.01.2014

The participants were registered at the venue of the workshop by the H.P. State Biodiversity Board before the start of the programme at the venue namely Samiti Bhawan, Development Block, Nadaun on 01-09-2014 (Annexure-I). The programme was organized as per the technical schedule prepared for organization of the one day awareness workshop to the stakeholders of the Nadaun Block by the H.P State Biodiversity Board (Annexure-II). Brochures were distributed to the participating stakeholders regarding Biodiversity and Biological Diversity Act, 2002.

The participants were welcomed on behalf of the H.P. State Biodiversity Board by Shri K. Kaisth, Principal Scientific Officer, H.P State Biodiversity Board cum State Council for Science Technology and Environment, H.P. The participants were briefed about the purpose of the one day awareness workshop. Thereafter, the participants were exposed to the concept of biodiversity, its importance, issues related to biodiversity/threats, conservation needs and sustainable utilization and implication of the Biological Diversity Act, 2002 and Biological Diversity Rules, 2004 for conservation, sustainable utilization, sharing of benefits accruing out of the use of biological resources and traditional knowledge based on biological resources by Sh. K.Kaisth, Principal Scientific Officer, State Biodiversity Board cum State Council.

The Resource person besides Sh. K.Kaisth, Principal Scientific Officer, State Council for Science Technology and Environment, H.P was Dr. SomDutt Sharma, Institute of Biotechnology and Environmental Science, Neri, District Hamirpur, Dr. Y.S Parmar University of Horticulture and Forestry, H.P.

Sh.K.Kaisth, Principal Scientific officer, H.P. State Biodiversity Board cum State Council thereafter, explained with examples for the better understanding of the concept of biodiversity, its role and importance namely direct and indirect consumptive values to the participants in general on the earth and in the country in general and Himachal Pradesh in particular. He also elaborated about the various agro-climatic conditions which are responsible for composition of various kinds of vegetation i.e. flora and fauna at different and particular environmental conditions.

Sh. K.Kaisth, Principal scientific Officer apprised the participants that the implementation of the Biological diversity Act, 2002 would be done at three levels namely National level by National Biodiversity Authority, State Level by State Biodiversity Board and local level by Local Bodies / Panchayats etc. Foreigners or NRI/Body Corporate cannot extract/take biological resources for commercial purpose/use, survey or research purpose from the India without the approval of the National Biodiversity Authority. Indians are exempted but they will have to give prior intimation to the National Biodiversity Authority/State Biodiversity Board for undertaking survey,

commercial use. Local Practitioners/Hakim/Vaidys etc. are exempted from obtaining permission from the Authorities regarding extraction of the biological resources for their traditional uses. The various provisions of punishment enshrined under the Biological Diversity Act, 2002 and Biological Diversity Rules, 2004 were explained to the participating stakeholders.

The participants were informed about the Heritage Sites for conservation of biological resources under the Biological Diversity Act, 2002 namely Sacred Groves, traditional crops and wetlands etc. can be covered at their jurisdiction for further development and management. Ecosystem services being provided by the biodiversity at local level as well as helping in maintaining the environment on earth was explained to the participating stakeholders.

The Resource persons delivered lecture regarding the scope of medicinal herbs/plants and other commercial crops for livelihood and income generation in the area. Livelihood issues concerning biodiversity to the participants in Hamirpur district in general and Nadaun Block in particular were elaborated by Dr. SomDutt Sharma, Institute of Biotechnology and Environmental Science, Neri, District Hamirpur. Dr. SomDutt Sharma briefed the participants about the activities being carried out by the Institute of Biotechnology and Environmental Science, Neri, for the stakeholders of biodiversity of the area and how they can get benefit out of the cultivation of medicinal herbs for income generation in future. He explained in detail about the cultivation of high value medicinal plants like Tulsi (*Ocimum* Spp.), Sandal wood (*Santalum album*), Amla (*Emblica officinalis*) and Harad (*Terminalia chebula*) for livelihood and income generation in the area. He particularly gave emphasis on the cultivation of sandal wood in area infested with lantana weed as an alternative to upgrade the degraded area into productive area.

Shri Dinesh Gupta, Project Associate, H.P State Biodiversity Board cum State Council apprised the participants about the erosion of agricultural biodiversity and Technological knowledge in the State. He explained the participants about the high nutritive value and medicinal properties of the traditional crop like mandal/kodra, bathu, jow (barley) etc.

Thereafter, participants were briefed about format for constitution of Biodiversity Management Committees at Block and Local Body/Panchayat level and about preparation of Biodiversity Register by the Principal Scientific Officer, State Council for Science technology and Environment, H.P. The function and duties of Biodiversity Management Committee were explained to the participants through appropriate examples. The participants were briefed about the concept and procedure how Biodiversity Management Committees at local body level are constituted. He also explained about the role of the Biodiversity Management Committees for preparation of Biodiversity Registers and management of biological resources at local level. Panchayat functionaries were asked to collect the Format for constitution of BMCs at Local Body/Panchayat level from the BDOs Office. Discussions were also held with the participants.

At the end Sh. K. Kaisth, Principal Scientific Officer, State Council for Science Technology and Environment, H.P thanked the participating stakeholders for participation in the one day workshop.



Photographs of one day awareness workshop organized to the stakeholders of biodiversity of Development Block, Nadaun

Report of the one day awareness workshop organized at Development Block Rait, District Kangra on 28-1-2014

Venue: Samiti Bhawan

Dated: 28-1-2014

The H.P. State Biodiversity Board organized a one day awareness workshop about Biological Diversity Act, 2002 and Rules, 2004 to the stakeholders of biodiversity of Development8 Block Rait on 28-1-2014.

The participants were registered at the venue of the workshop by the H.P. State Biodiversity Board before the start of the programme at the venue namely Samiti Bhawan, Development Block, Rait on 28-1-2014. List of the participants is placed at Annexure-I. The programme was organized as per the technical schedule prepared for organization of the one day awareness workshop to the stakeholders of the Rait Block by the H.P State Biodiversity Board (Annexure-II). Literature regarding biodiversity and Biological Diversity Act, 2002 was distributed to the participating stakeholders.

The Resource person besides Sh. K.Kaisth, Principal Scientific Officer, State Council for Science Technology and Environment, H.P was Sh. Surjeet Singh Thakur, Block Development Officer, Rait, District Kangra, H.P.

At the outset the participants were welcomed on behalf of the H.P. State Biodiversity Board by Shri K. Kaisth, Principal Scientific Officer, H.P State Biodiversity Board cum State Council for Science Technology and Environment, H.P. The participants were briefed about the purpose of the one day awareness workshop by Shri K. Kaisth, Principal Scientific Officer. Thereafter, the participants were exposed to the concept of biodiversity, its importance, its status, issues related to biodiversity/ threats, conservation needs and sustainable utilization and implication of the Biological Diversity Act, 2002 and Biological Diversity Rules, 2004 for conservation, sustainable utilization, sharing of benefits accruing out of the use of biological resources and traditional knowledge based on biological resources by Sh. K.Kaisth, Principal Scientific Officer, State Biodiversity Board cum State Council.

Sh.K.Kaisth, Principal Scientific officer, H.P. State Biodiversity Board cum State Council thereafter explained with examples for the better understanding of the concept of biodiversity, its role and importance namely direct and indirect consumptive values to the participants in general and Himachal Pradesh in particular. He also elaborated about the various agro-climatic conditions which contribute in composition of various kinds of floral and faunal biodiversity at different and particular environmental conditions.

Sh. Surjeet Singh Thakur, Block Development Officer a Resource Person delivered lecture to the participants about “Biodiversity and livelihood” and implications of the Biological Diversity Act, with regard to conservation and management of the biological resources in the State. Sh. Thakur briefed the participants about the research and development activities being carried out by the

Research Institutes for the development of the State. Discussions were held with the stakeholders. He also stressed the need for conservation of the traditional crops.

Shri K.Kaisth, Principal Scientific Officer highlighted the importance of traditional agricultural crops namely cereals, pseudo-cereals, millets, pulses etc. in the State. He elaborated the importance of these crops and their nutritional values for the well being of mankind. He informed that due to the selective food habits and lifestyle the number of patients having diseases namely high/low blood pressure, heart diseases, anaemia, diabetes, kidney and liver/bile stone and fatigue etc. are increasing in the state which are not diseases but arisen because of our modern living style. Today, we have bade goodbye to everyday consumption of traditional nutritive food/crops grown and eaten on seasonal basis. It is now neither grown or eaten which is of high nutritive value and environment friendly as well. In medical terminology bacteria, viruses, fungus, mycoplasmas are causative agents of diseases in human beings but the intake of traditional food can help in controlling so called many modern diseases occurring in the human beings. Examples were given while elaborating and explaining the linkage of biodiversity in the food chain and food web on the earth to the mankind. The role of biodiversity in regulating the evolutionary process and its contribution in maintaining and balancing the natural environmental /ecological systems were highlighted to the participants. The importance of Sun, earth and biodiversity on earth and the role its components are playing in nature was explained to the participants.

The participants were exposed to the provisions of Biological Diversity, 2002 in general and Section 41 in particular by Shri K. Kaisth, Principal Scientific Officer, H.P. State Biodiversity Board vide which constitution of Biodiversity Management Committees is mandatory at every Local body/Panchayat level under Act. The participants were informed that the Biodiversity Register required to be prepared by the Biodiversity Management Committee all the local bodies in the country for maintaining the record of the biological resources and knowledge based on the local biological resources for regulation of the access, conservation and management of the biological resources and sharing of benefits accruing out of the use of biological resources and traditional knowledge based on biological resources on equity and gender basis at local body level in the State . Examples were given how access and benefit sharing at community level can be managed and regulated

Discussions were held with the participating stakeholders after lectures delivered by the Resource Persons during the one day awareness workshop at Rait.

At the end Sh. K.Kaisth, Principal Scientific Officer, State Council for Science Technology and Environment, H.P thanked the participating stakeholders for participation in the one day awareness workshop.



Photographs of one day awareness workshop organized to the stakeholders of biodiversity of Development Block, Rait on 28/01/2014



**Report of the One Day Awareness Workshops/Camps
Organized by the H.P. State Biodiversity Board to the
Stakeholders of Biodiversity of Development Blocks
Chauntara, About Biological Diversity Act, 2002 and
Biological Diversity Rules, 2004**



Date: 19/03/2014

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Report of the one day awareness workshop/camp about Biological Diversity Act, 2002 organised at Development Block, Chauntara in District Mandi, H.P

Venue: Samiti Hall, Block Development Office, Chauntara

Dated: 19.03.2014

The participants were registered at the venue of the workshop by the H.P. State Biodiversity Board before the start of the programme at the venue namely **Samiti Hall, Block Development Office, Chauntara** on 14-03-2014 (List of the participants is placed at Annexure-I). The programme was organized as per the technical schedule prepared for organization of the one day awareness workshop to the stakeholders of Chauntara Block by the H.P State Biodiversity Board (Annexure-II). Literature regarding biodiversity and Biological Diversity Act, 2002 was distributed to the participating stakeholders at the venue by the H.P. State Biodiversity Board cum State Council for Science Technology and Environment, H.P. The Resource person besides Sh.K.Kaisth, Principal Scientific Officer, State Council for Science Technology and Environment, H.P was Sh. Gautam, Block Development Officer, Chauntara, District Mandi, H.P.

At the outset of the programme the participants and officials of the H.P State Biodiversity Board cum State Council for Science Technology and Environment, H.P were welcomed by Sh. Gautam, Block Development Officer, Development Block, Chauntara, District Mandi, H.P . Thereafter, the participants were formally welcomed on behalf of the H.P. State Biodiversity Board cum State Council for Science Technology and Environment, H.P by Shri K. Kaisth, Principal Scientific Officer, H.P State Biodiversity Board cum State Council for Science Technology and Environment, H.P. The participants were briefed about the purpose of the one day awareness workshop fixed on the day at Chauntara by the H.P. State Biodiversity Board cum State Council for Science Technology and Environment, H.P.

Thereafter, the participants were exposed to the concept of biodiversity, its importance, issues related to biodiversity / threats, conservation needs and sustainable utilization and implication of the Biological Diversity Act, 2002 and Biological Diversity Rules, 2004 for conservation, sustainable utilization, sharing of benefits accruing out of the use of biological resources and traditional knowledge based on biological resources by Sh. K.Kaisth, Principal Scientific Officer, State Biodiversity Board cum State Council. Presentation was given at the venue by Sh. K.Kaisth, Principal Scientific Officer for thorough understanding of the concepts pertaining to Biodiversity and Biological Diversity Act, 2002 and Biological Diversity Rules.

Sh.K.Kaisth, Principal Scientific officer, H.P. State Biodiversity Board cum State Council explained with examples for the better understanding of the concept of biodiversity, its importance namely direct and indirect consumptive values biodiversity to the participants in general and in the Himachal Pradesh in particular and Biological Diversity Act, 2002 and Biological Diversity Rules, 2004. Present day threats/issues concerning biodiversity were highlighted in general pertaining to the State in general and Chauhara Block in particular to the participating stakeholders. He also elaborated about the various agro-climatic conditions which are responsible for composition of various kinds of vegetation i.e. flora and fauna at different and

particular environmental conditions. Status of biodiversity of the State was elaborated to the participants. The stakeholders were also briefed about the conservation needs for posterity of the State.

Sh. K.Kaisth, Principal scientific Officer apprised the participants about the implementation of the Biological Diversity Act, 2002 would be done at three levels namely National level by National Biodiversity Authority, State Level by State Biodiversity Board and local level by Local Bodies/Panchayats etc. The participants were informed that foreigners or NRI/Body Corporate cannot take/ collect/extract / harvest biological resources for commercial purpose / use, survey or research purpose from the India without the approval of the National Biodiversity Authority. Indians are exempted but they will have to give prior intimation to the National Biodiversity Authority/State Biodiversity Board for undertaking survey, commercial use. Local Practitioners /Hakim/Vaids etc. are exempted from obtaining permission from the Authorities regarding extraction of the biological resources for their traditional uses. The various provisions of punishment enshrined under the Biological Diversity Act, 2002 and Biological Diversity Rules, 2004 were explained to the participating stakeholders. Importance of very important medicinal and traditional crops of Chauntara Block was highlighted to the participants. Utility of most important flora and fauna and future scope of its cultivation and regeneration for commercial and conservation purpose was explained to the participating stakeholders.

The participants were informed about the Heritage Sites for conservation of biological resources under the Biological Diversity Act, 2002 namely Sacred Groves, traditional crops and wetlands etc. can be covered at their jurisdiction for further development and management. Ecosystem services being provided by the biodiversity at local level as well as helping in maintaining the environment on earth was explained to the participating stakeholders.

Sh Rajender Singh Gautam, Block Development Officer, Resource person delivered lecture on Livelihood and Biodiversity. He apprised the participants about the schemes of the Block for the benefit of the stakeholders of Chauntara Block. He elaborated about the concept of traditional knowledge and documentation of traditional knowledge based on local bio-resources to the participants.

Thereafter, participants were briefed about the provisions of the Biological Diversity Act, 2002 and its implications at grassroots level to the participants namely constitution of Biodiversity Management Committees at Local Body/ Panchayat level and about preparation of Biodiversity Register by the Principal Scientific Officer, State Council for Science technology and Environment, H.P. The participants were briefed about the concept and procedure how Biodiversity Management Committees at local body level are to be constituted under the Biological Diversity Act, 2002 and Biological Diversity Rules. He also explained about the role of the Biodiversity Management Committees for preparation of Biodiversity Registers and management of biological resources at local level. Discussions were also held with the participants. The duties of Biodiversity Management Committees and H.P State Biodiversity Board and National Biodiversity Authority were explained to the participants. Clarifications

were given on the issues by the Principal Scientific Officer, State Council for Science Technology and Environment, H.P.

The participating stakeholders were aware about the conversion of pine needles biomass into briquettes by the Principal Scientific Officer, State Council for Science Technology and Environment, H.P and Sh. Kalit Bhardwaj, Senior Technical Assistant, Appropriate Technology Centre, Sundernagar District Mandi, H.P. They were exposed to the conversion techniques concerned with coal formation and how to prepare briquettes from carbonized pine biomass by mixing with clay soil. The briquettes already prepared were burnt at the venue in the stove during the awareness demonstration at the closing session.

At the end Sh. K.Kaisth, Principal Scientific Officer, State Council for Science Technology and Environment, H.P thanked the participating stakeholders for participation in the one day workshop and also thanked the Block Development office, Chauntara for co-ordination of the one day workshop/camp to the stakeholders of biodiversity of Development Block of Chauntara in Mandi District.



Photographs of one day awareness workshop organized to the stakeholders of biodiversity of Development Block, Chauntra



**Report of the One Day Awareness Workshops/Camps
Organized by the H.P. State Biodiversity Board to the
Stakeholders of Biodiversity of Development Blocks
Narkanda , About Biological Diversity Act, 2002 and
Biological Diversity Rules, 2004**



Date: 22/03/2014

H.P STATE BIODIVERSITY BOARD

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Detail of the awareness workshop organised at Development Block, Narkanda in Shimla District, H.P

Venue: Samiti Hall, Block Development Office , Narkanda

Dated: 22-03-2014

The participants were registered at the venue of the workshop by the H.P State Biodiversity Board on **19-03-2014** (Annexure-I). The programme was organized as per the technical schedule prepared for organization of the one day awareness workshop to the stakeholders of the Narkanda Block by the H.P State Biodiversity Board (Annexure-II). Literature regarding biodiversity and Biological Diversity Act, 2002 was distributed to the participating stakeholders. The Resource Person for the one day awareness workshop besides Sh. K.Kaisth, Principal Scientific Officer, State Council was Agriculture Development Officer, Department of Agriculture, H.P at Narkanda, H.P.

At the outset of the programme the participants were welcomed on behalf of the H.P. State Biodiversity Board by Shri K. Kaisth, Principal Scientific Officer, H.P State Biodiversity Board cum State Council for Science Technology and Environment, H.P. The participants were briefed about the concept biodiversity, its importance, issues related to biodiversity/threats, conservation needs and sustainable utilization and implication of the Biological Diversity Act, 2002 and Biological Rules, 2004 for conservation, sustainable utilization, sharing of benefits accruing out of the use of biological resources by Sh. K.Kaisth, Principal Scientific Officer, State Biodiversity Board cum State Council for Science Technology and Environment, H.P.

Sh. K. Kaisth, Principal Scientific officer, State Council through presentation with examples for the thorough understanding of the stakeholders present explained about the concept of biodiversity, its importance, uses and its role and ecosystem services on earth. He also elaborated about the prevailing various agro-climatic conditions contributing in composition of different kinds of vegetation i.e. flora and fauna at various habitats and particular climatic conditions .

Sh. K. Kaisth, Principal Scientific officer , State Council highlighted about the flora and fauna of the Narkanda Block and the medicinal herbal wealth of Narkanda Block to the participating stakeholders. He highlighted about the most useful medicinal herbs/plants and their future scope and potential for livelihood /income generation in addition to the present cash crops grown in agriculture and horticulture in the area/block. The threatened species of medicinal herbs/plants and animals notified by the H.P State Biodiversity Board from MoEF, GoI were explained and shown to them through presentations.

Agriculture Development Officer, Department of Agriculture, H.P at Narkanda Block apprised the participating stakeholders about the schemes of the Agriculture Department, H.P related to agriculture and what benefit they can take from the Department. Importance of the traditional agriculture crops which used to be grown by the local stakeholders of biodiversity in their fields

was also highlighted. Importance of local indigenous breeds of domesticated animals of the area was highlighted to the participants and need for conservation of such breeds was explained to the stakeholders at the venue. Sh K.Kaisth, Principal Scientific Officer, State Council for Science Technology and Environment, H.P briefed the participants about cultivation of medicinal herbs/ plants for livelihood/ income generation at their fields.

Provisions of the Biological Diversity Act, 2002 and Biological Diversity Rules, 2004 were highlighted to the participating stakeholders by Sh. K. Kaisth, Principal Scientific Officer. The participants were briefed about the constitution of Biodiversity Management Committees at Local Body/ Panchayat Level and about preparation of Biodiversity Register by the Principal Scientific Officer, State Council for Science Technology and Environment, H.P. The participants were briefed about the role of the Biodiversity Management Committees for preparation of Biodiversity Registers and management of biological resources in future. The participants were informed about the Sacred Groves and their role in conservation of biodiversity at local level. Provisions of the Biological Diversity Act, 2002 were highlighted for declaration of Sacred Groves under Heritage Sites for conservation of bio-resources.

Sh. K.Kaisth, Principal Scientific Officer apprised the participants about the implementation of the Biological Diversity Act, 2002 which would be done at three levels namely National level by National Biodiversity Authority, State Level by State Biodiversity Board and local level by Local Bodies / Panchayats etc. The participants were informed that foreigners or NRI/Body Corporate cannot take/ collect/extract/ harvest biological resources for commercial purpose / use, survey or research purpose from the India without the approval of the National Biodiversity Authority. Indians are exempted but they will have to give prior intimation to the National Biodiversity Authority/State Biodiversity Board for undertaking survey, commercial use. Local Practitioners /Hakim/Vaids etc. are exempted from obtaining permission from the Authorities regarding extraction of the biological resources for their traditional uses. The various provisions of punishment enshrined under the Biological Diversity Act, 2002 and Biological Diversity Rules, 2004 were explained to the participating stakeholders.

Importance of very important medicinal and traditional crops of Narkanda Block was highlighted to the participants namely *Thuna(Taxus baccata)*, *Bankakrhi (Podophyllum hexandrum)*, *Atish*, *Patish*, *Chora*, *Karoo*, *Salam Panja*, *Dhoop* and other agricultural crops namely *Ogla*, *Phaphra*, *Chabru*, *Kulath*, *Koda*, *China* , *Kavni* , *Bathu*, *Tulsi*, *Jau* etc.

At the end the participants were thanked for participation in the one day awareness workshop / camp on behalf of the H.P. State Biodiversity Board by Sh. K.Kaisth, Principal Scientific Officer, H.P. State Biodiversity Board cum State Council for Science Technology and Environment, H.P.



Photographs of one day awareness workshop organized to the stakeholders of biodiversity of Development Block, Narkanda



**Report of the One Day Awareness Workshops/Camps
Organized by the H.P. State Biodiversity Board to the
Stakeholders of Biodiversity of Development Blocks Rohru ,
About Biological Diversity Act, 2002 and
Biological Diversity Rules, 2004**



Date: 29/03/2014

H.P STATE BIODIVERSITY BOARD
State Council for Science Technology and Environment, H.P
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Report of the one day awareness workshop organized at Development Block, Rohru in District Shimla

Venue: Gram Panchayat, Rantarhi

Dated: 29.03.2014

The participants were registered at the venue of the workshop by the H.P. State Biodiversity Board before the start of the programme at the venue namely **Gram Panchayat, Rantarhi** on 29-03-2014. List of the participants is placed at Annexure-I. The programme was organized as per the technical schedule prepared for organization of the one day awareness workshop to the stakeholders of the Rohru Block by the H.P State Biodiversity Board (Annexure-II). Literature regarding biodiversity and Biological Diversity Act, 2002 was distributed to the participating stakeholders. The Resource person besides Sh. K.Kaisth, Principal Scientific Officer, State Council for Science Technology and Environment, H.P was Dr. Umesh Narta, Assistant Professor, Department of Botany, Govt. Post Graduate College , H.P.

At the outset of the programme the participants and officials of the H.P State Biodiversity Board cum State Council for Science Technology and Environment, H.P were welcomed by Sh. Kiran Kumar Ranta, President, Gram Panchayat, Rantarhi cum Chairman, Biodiversity Management Committee, Gram Panchayat, Rantarhi, Tehsil Rohru, District Shimla, H.P. Thereafter, the participants were formally welcomed on behalf of the H.P. State Biodiversity Board cum State Council for Science Technology and Environment, H.P by Shri K. Kaisth, Principal Scientific Officer, State Council for Science Technology and Environment, H.P. The participants were briefed about the purpose of the one day awareness workshop fixed on the day at the Panchayat on behalf of the Block Development Office, Rohru by the H.P. State Biodiversity Board cum State Council for Science Technology and Environment, H.P.

Thereafter, the participants were exposed to the concept of biodiversity, its importance, issues related to biodiversity / threats, conservation needs and sustainable utilization and implication of the Biological Diversity Act, 2002 and Biological Diversity Rules, 2004 for conservation, sustainable utilization, sharing of benefits accruing out of the use of biological resources and traditional knowledge based on biological resources by Sh. K.Kaisth, Principal Scientific Officer, State Biodiversity Board cum State Council. Presentation was given at the venue to the participating stakeholders by Sh. K.Kaisth, Principal Scientific Officer for thorough understanding of the concepts pertaining to Biodiversity and Biological Diversity Act,2002 and Biological Diversity Rules.

Sh.K.Kaisth, Principal Scientific officer, H.P. State Biodiversity Board cum State Council explained with examples for the better understanding of the concept of biodiversity, its importance namely direct and indirect consumptive values to the participants in general and in the Himachal Pradesh in particular. Present day threats/issues concerning biodiversity were highlighted in general and Rohru area in particular to the participating stakeholders. He also elaborated about the various agro-climatic conditions which are responsible for composition of

various kinds of vegetation i.e. flora and fauna at different and particular environmental conditions.

Sh. K.Kaisth, Principal scientific Officer apprised the participants about the implementation of the Biological diversity Act, 2002 would be done at three levels namely National level by National Biodiversity Authority, State Level by State Biodiversity Board and local level by Local Bodies / Panchayats etc. The participants were informed that foreigners or NRI/Body Corporate cannot take/ collect/extract / harvest biological resources for commercial purpose / use, survey or research purpose from the India without the approval of the National Biodiversity Authority. Indians are exempted but they will have to give prior intimation to the National Biodiversity Authority/State Biodiversity Board for undertaking survey, commercial use. Local Practitioners /Hakim/Vaids etc. are exempted from obtaining permission from the Authorities regarding extraction of the biological resources for their traditional uses. The various provisions of punishment enshrined under the Biological Diversity Act, 2002 and Biological Diversity Rules, 2004 were explained to the participating stakeholders. Importance of very important medicinal and traditional crops of Rohru Block was highlighted to the participants. Utility of Red rice of Rohru and future scope of its cultivation for commercial purpose was explained to the participating stakeholders.

The participants were informed about the Heritage Sites for conservation of biological resources under the Biological Diversity Act, 2002 namely Sacred Groves, traditional crops and wetlands etc. can be covered at their jurisdiction for further development and management. Ecosystem services being provided by the biodiversity at local level as well as helping in maintaining the environment on earth was explained to the participating stakeholders.

Dr. Umesh Narta, Resource person delivered lecture regarding the scope of medicinal herbs/plants of the area and other probable crops for livelihood and income generation in the area. livelihood issues concerning biodiversity to the participants in Rohru Block in particular were elaborated by Dr. Umesh Narta. He apprised the participants about the local flora and fauna of Rohru Block. He elaborated the concept of traditional knowledge and documentation of traditional knowledge to the participants. He assured the participants that Botany department would raise nursery of endangered medicinal herbs in the Greenhouse for which the proposal for setting up of the Green house has been submitted to State Council for Science Technology and Environment, H.P by the Principal, Govt. P.G. College, Rohru.

Thereafter, participants were briefed about the provisions of the Biological Diversity Act, 2002 and its implications at grassroots level to the participants namely constitution of Biodiversity Management Committees at Local Body/ Panchayat level and about preparation of Biodiversity Register by the Principal Scientific Officer, State Council for Science technology and Environment, H.P. The participants were briefed about the concept and procedure how Biodiversity Management Committees at local body level are to be constituted under the Biological Diversity Act, 2002 and Biological Diversity Rules . He also explained about the role of the Biodiversity Management Committees for preparation of Biodiversity Registers and

management of biological resources at local level. Discussions were also held with the participants.

The participating Panchayat Pradhans were distributed the proforma/format for constitution of Biodiversity Management Committees at their Panchayats at the end of the programme.

At the end Sh. K.Kaisth, Principal Scientific Officer, State Council for Science Technology and Environment, H.P thanked the participating stakeholders for participation in the one day workshop and also thanked the Pradhan and members of Gram Panchayat, and Biodiversity Management Committee of Gram Panchayat Rantari for co-ordination of the one day camp on behalf of the Block Development office, Rohru.



Photographs of one day awareness workshop organized to the stakeholders of biodiversity of Development Block, Rohru

List Brochures:

- Biodiversity Status and Initiatives in Himachal Pradesh.
- Pine Needle Biomass Into Briquettes
- Organic Farming Practices
- Biological Diversity Act, 2002 and Biological Diversity Rules 2004: Constitution of Biodiversity Management Committees