

# **Asia Pacific Network for Global Change Research (APN)**

## **Final Activity Report** of the Project on

### **Scoping Workshop on Global Change Impact Assessment for Himalayan Mountain Regions** for Sustainable Environmental Management and Sustainable Development

**(APN Project Ref: 2001-17)**

Submitted by  
**Institute for Development and Innovation**  
Lalitpur, Nepal  
March 2002

**Final Activity Report**  
**On**  
**APN Scoping Workshop on Global Change Impact Assessment for**  
**the Himalayan Mountain Regions**  
**2-5 October 2001, Kathmandu, Nepal**

## **1. Background**

Mountain regions occupy about one-fourth of the Earth's land surface, and provide goods and services to about half of humanity. More than half of the world's population depends on mountains for fresh water. Mountain regions, including directly adjacent areas, are home to around a quarter of the world population. They shelter over half of the world's biodiversity and nurture rich and varied cultures that have much to teach the rest of the world about sustainability and natural resource management.

Altogether, the environmental goods, protection, and services provided by mountainous regions are critical to the survival of the human species, both upstream and downstream. Accordingly, they received particular attention in "Agenda 21", a Programme for sustainable development into the next century adopted by the United Nations Conference on Environment and Development (UNCED) in June 1992 in Rio de Janeiro, and more recently by the UN Declaration for the year 2002 to be the "International Year of Mountains". All these clearly underscore the critical role of mountain ecosystems in providing a variety of goods and services for humanity such as water, forest products, refuge for biodiversity, the storage of carbon and soil nutrients, and unspoiled recreation areas for tourism.

Mountain ecosystems, that provide valuable resources and services to those living in the regions as well as to population in lowlands, are being threatened by the increasingly global scope of human impact on the Earth. It is predicted that the mountain regions would experience the impacts of the rapidly changing global environment more strongly than the lower regions. Also, mountains, with their sharp altitudinal gradients, often intensify and transmit environmental impacts to lowlands. The altitudinal gradients also result in characteristic distribution of species that may change markedly during global change and may serve as sensitive indicators of global change impacts to high and low lands. The change in snowmelt as well as the biological community covering the mountain watershed equally affect water yield to the down stream. Mountain regions thus provide unique opportunities and challenges for global change research, many of which are not given in other environments.

Global environmental change is broadly classified into two categories: Systemic Vs. Cumulative changes (cf. Turner et. al. 1990). While systemic changes affect the environment at global scales (e.g., GHG gas induced global change), cumulative changes are generated by processes that operate at a local scale but that are becoming globally

pervasive (e.g., land cover/use change, air pollution, loss of biodiversity). Both the two categories of changes seem to be equally significant in the mountain regions.

A third source of change in mountain environment is globalization, i.e., the growing global integration of social, political and economic relationships. Globalization as it affects mountain environment is reflected in: demographic changes, such as population growth, seasonal (including tourism) and permanent migration, and changing age/sex structures; excessive and unsustainable use of resources including land, forest and other natural resources; the incorporation of mountain economics into extra-regional economics; etc.

For the next few decades, globalization processes are likely to be at least as important as environmental changes as factors promoting changes in mountain regions. At the same time, the cumulative and systemic environmental changes may significantly threaten the ability of mountain regions to provide the critical goods and services like water, biomass and biodiversity, both to the mountain inhabitants and to supply the extra-regional demands of other down stream communities.

## **2. Introduction**

The Himalayan Mountain ranges are the highest and largest on earth. They are the youngest mountains and hence are highly fragile. People living in these mountains are in general marginalized and are very poor. With very sharp and steep cliffs, inaccessibility is another specificities of these mountains The Mountain ranges are home for over 100 million people living on them. These ranges trigger orographic precipitation and influence the South Asian Monsoon; store water as snow and ice and thus constitute the “water tower” for almost one-fifth of the world population living downstream in the Indo-Gangetic plains. They hold very many valuable medicinal plants and herbs and they also provide unique and sometimes the best opportunities to detect and analyze global change processes and phenomena.

In order to study the Global Change Impact Assessment on the Himalayan Mountain Regions for Environmental Management and Sustainable Development, APN granted the project (APN Ref: 2000-17) for organizing a Scoping Workshop at Kathmandu to assess and identify key issues relating global change impacts on the Himalayan Mountain environments and to work out a regional project proposal for a coordinate and integrated multidisciplinary study in the Himalayan Region, with the aims of detecting and articulating the consequences of global environmental changes and globalization in particular on the livelihood of the mountain people and informing policy processes at the local, regional to global scales with specific focus on natural resources management and sustainable development.

### **3. Activities**

#### ***3.1 Initial Meeting***

An Initial Meeting was held in Kathmandu on 21-22 July 2001 for planning and finalizing the Programme of the Scoping Workshop. Thirteen participants attended the meeting. Besides the local participants, it was also participated by research collaborators one each from India and Pakistan. The Programme of the Initial meeting is shown in Annex-1 and the list of the participants is given in Annex-2.

At the beginning, Dr. K.L. Shrestha shed light on the objectives and scope of the Scoping Workshop (Annex-5) to be organized in Kathmandu under the sponsorship of the APN. The participants stressed on the need to focus during the workshop on specific mountain issues and to come up with a viable project proposal that would, on its implementation, help in identifying practical strategy options for coping with the consequences of global change and globalization in the Himalayan mountain regions. It was therefore agreed to hold technical sessions at the beginning of the workshop and to invite concerned experts for making presentations on mountain specific issues in the context of global change and globalization. It was also decided to concentrate, during the later part of the Workshop, on the improvement of the project proposal on the 'Global Change Impact Assessment for the Himalayan Mountain Regions' submitted to APN earlier and to work in close collaboration for a successful project execution.

Tentative Programme schedule as well as the dates and venue for the Scoping Workshop were then discussed and agreed upon. Tentative topics for presentations during the Technical Sessions of the Scoping Workshop as well as potential contributors in the respective topics were also identified. It was also agreed to identify potential institutions and researchers from each of the participating countries and communicated for issuing invitation to the Workshop.

The Initial Meeting also discussed the country specific global change issues in the Himalayan Mountains and came up with indicative parameters and data formats for inter-comparison at a later stage. Some of the indicative formats and the worked out conceptual frameworks for research studies are appended as Annex-6.

#### ***3.2 Organization of the Scoping Workshop***

As planned, the Scoping Workshop was held in Kathmandu from 2<sup>nd</sup> to 5<sup>th</sup> October 2001 on 'Global Change Impact Assessment for Himalayan Mountain Regions for Environmental Management and Sustainable Development'. The Workshop sponsored by APN was organized by the Institute for Development and Innovation under the aegis of the Ministry of Science and Technology of His Majesty's Government of Nepal. The Inaugural and the first two Technical sessions on the 2<sup>nd</sup> October were held in Kathmandu. From 3<sup>rd</sup> October onwards, the workshop was held in a typical mountain surroundings at a hilltop at Nagarkot, very close to the Himalayan ranges, and about 32

km east of Kathmandu. Nearly forty participants from Nepal, India and Pakistan took part in the workshop. Mr. Martin Rice represented APN and from the Mountain Research Initiative of IGBP, Prof. Lisa Graumlich and Dr. Mel Reasoner participated in the workshop. The Programme of the Workshop and the list of the participants are given in Annex- 3 and 4 respectively.

### *3.2.1 Inaugural Session*

At the Inaugural Session, the Chief Guest Dr. Jagadish Chandra Pokharel, Honorable Member of the National Planning Commission, stressed the need to carry out such studies and keep the policy makers and the planners informed of the consequences of global warming particularly in such vulnerable areas like the Himalayan Mountains so that timely measures could be undertaken for coping with or adapting to such situations. Prof. Kedar Lal Shrestha in his welcome address indicated the growing concern of a mountainous country like Nepal regarding the probable impacts of global change on the fragile mountains and their people, and the need to search for the possible mitigation and adaptation measures. Dr. A. P. Mitra also spoke on the occasion on the SASCOM activities related with global change in the region. Similarly, Prof. Graumlich and Dr. Reasoner shed light on the activities of the Mountain Research Initiative as well as the relevance and importance of the workshop in the context of global concern regarding global change. Mr. Rice highlighted the role of APN in Global Change Research in Asia and the Pacific and the importance it attaches to the building up of Research Capacity and Capability in the region.

On the occasion, Dr. Gabriel Campbell, Director General, ICIMOD, also referred to earlier initiatives undertaken by ICIMOD in organizing a workshop on Predicting Global Change Impacts on Mountain Hydrology and Ecology in 1996 and indicated the continuing interest of ICIMOD in this subject. He assured full cooperation and support from ICIMOD to any such endeavors relating impacts of global change on the mountains. Mr. Adarsha Pokharel, the Acting Secretary of the Ministry of Science and Technology, in his concluding remarks from the Chair highlighted the changes already being observed in the climate as well as some of their impact in the Himalayas and urged the research community to come up with suitable strategy options to cope with the situation.

### *3.2.2 Technical Sessions*

In the first two days of the workshop, during the four Technical Sessions, 20 papers by various speakers were presented dealing with the various aspects of the global change issues in the Himalayan Mountain regions. The list of the papers is provided in Annex-7. The papers including some country presentations covered areas like global change impacts on agriculture and vegetation in the Himalayan mountain regions. Likewise, the impacts on glaciers, the incidences of growing glacial lake formations, water quality of rivers, sediment transports from mountains were the subjects of other presentations. All the presentations were followed by lively discussions. Himalayan Mountain specificities and vulnerability analysis together with their interactions with and impacts on human society as well as the impacts of globalization were also presented and discussed. Presentations were also made on the research initiatives of the Mountain Research

Initiatives under IGBP as well as the research capability building initiatives of APN. All the presentations have been compiled and already published in the form of a monograph.

### *3.2.3 Workshop*

During the Scoping Workshop, in the remaining two days, participants deliberated in particular on the regional project proposal submitted earlier to APN for funding on the topic of the workshop. In course of the deliberations, the need and importance of such a study focusing specifically on the Himalayan Mountains and the mountain people were recognized. Climate change and variability, demography and land use intensification were all identified as some of major driving forces causing stress to the human society.

Considering the vulnerability and the associated risk to the livelihood of the mountain people, it was then decided coconsciously to concentrate to begin with, on the impacts of global change on two major aspects namely food security and water resource. Details were worked out covering the site selection in the participating countries namely India, Nepal and Pakistan, the data requirements and their collection procedures, and the illustrative synthesis exercises for deriving possible strategy options. A sketch of the improved project proposal covering a period of two years was also drafted. The participating institutions as well as a tentative list of the researchers from the three countries namely Nepal, India and Pakistan were also identified.

For the global change impact assessment study in the Himalayan mountain region, representative mountain regions and river basins draining different parts of Himalaya were chosen. The following sites were determined as optimal for comparative case studies: 1) Kali-Gandaki Valley in Nepal; 2) Alaknanda valley (Uttaranchal State) in India; and 3) Siran watershed in Pakistan. The site selection criteria included a) availability of data on relevant parameters such as climate, land use, hydrology; b) between site complementarily such as similar elevation ranges and land use patterns; c) between site contrasts in terms of east-west variation in the timing and intensity of monsoon-delivered rainfall; and d) presence of adequate altitudinal relief to provide elevational transects within each watershed. It was decided to identify at least three elevational transects within each watershed for studies on altitudinal and human intervention variations.

The goal of the study was set for a fully integrated assessment. The agreed elements of the assessment to be included were major components of mountain agro-ecosystems, including crop production, livestock, horticulture and farm/agro forestry systems. Likewise, in assessing water resources in the 'high energy' environment in the mountains, it was decided to include elements including snow, ice and glaciers at high altitudes and lakes, as well as surface and subsurface flows in the forms of rivers and rivulets.

It was also agreed that, in the dual context of global change and globalization, a vulnerability framework would be utilized to assess biophysical and socio-economic aspects of risk in the mountain regions. Interaction between these changes and mountain specificities like inaccessibility, fragility and marginality, diversity, niche affecting environmental stability in the mountains will also be considered while assessing the overall risk. Synthesis activities will be carried out to assess relative importance and interaction of global change factors. Illustrative research synthesis questions were also posed and discussed. The publications of the Mountain Research Initiative (MRI) of

IGBP and other relevant works were considered while developing the research guidelines. The tentative framework of the project proposal that was agreed upon is presented in Annex-8.

The Workshop concluded on the 5th October 2001 with a positive note to work collectively in assessing the global change impacts on the Himalayan Mountain regions and in identifying measures for the mitigation of potential hazards. Stress was also laid in sensitizing and informing the policy-making processes at national and regional levels regarding the expected impacts and their mitigation measures and also in establishing a public web site for disseminating research results.

#### **4. Outcomes/Products**

- As per the activities scheduled in the Project, both the Initial Meeting as well as the Scoping Workshop has been held attending all the targeted objectives.
- An improved APN project proposal for 2002-2003 has also been developed after extensive deliberations at the Scoping Workshop and the proposal in its final form has already been sent to APN for its consideration and needful action.
- All the papers presented during the Scoping Workshop have been collected, compiled and already published as a Monograph containing the status and issues relating Global Change in the context of Himalayan Mountain Ecosystem. (CD form of the Monograph is included.)
- Based on the collection of data and information, Visualizations have also been prepared and distributed.

#### **5. Definitive Two-Year Project**

Based upon the various exercises and the recommendations from the above-mentioned APN Scoping Workshop held in Kathmandu, Nepal during 2-5 October 2001, a two-year project proposal with Nepal, India and Pakistan as the participating countries have been formulated and submitted to APN for its consideration for funding.

The Objectives of the proposed project are:

- To assess the relative importance of global change impacts on the Himalayan mountain environments in order to prioritize monitoring efforts and to anticipate consequences with respect to food security and water resources including transfer of resources between uplands and lowlands;
- To assess the vulnerability of mountain people to global change and to investigate the factors that promote resilience of these groups in the face of multiple and interacting environmental stresses; and
- To synthesize and aggregate national assessments and other pertinent studies to inform on the scientific basis the policymaking processes at local to regional scales regarding global change impacts on food security and water resources in the

Himalayan Mountains as well as response strategies for coping/adapting with the changes.

The expected Outputs of the project are:

- Information on and scenarios of global and cumulative change impacts on Himalayan mountain environment and the anticipated consequences with respect to food security and water resources;
- Assessments of vulnerabilities of mountain people to global change and identification of factors that promote resilience of these groups;
- Mountain specific frameworks for monitoring systems and response strategies at local to regional scales to address, on the scientific basis, the key global change and globalization issues for improved food security and water availability through environmental management and sustainable development; and
- Informed public policy making processes at the local, national and regional levels as well as public web sites disseminating research results.

The study will begin with acquisition, collection and analysis of all pertinent available data set for three selected river basins in the Himalayan Range in the three participating countries. A workshop for the researchers of the three participating countries will be organized at the very beginning to develop strategies for cross-site comparisons of data and analysis. Collection and collation of primary data for identified essential parameters including local/traditional knowledge will also be carried out. At the end of the first phase (2002-2003), a project review meeting will be held in Dhaka, Bangladesh in conjunction with a meeting of SASCOM/START. During the meeting, plan for the second phase will also be reviewed and finalized. In the second phase (2003-2004), vulnerability scenarios based on the available data and field studies will be developed and presented at the workshop/seminar at the end of the period. They will also be reported in research papers as well as a compendium and disseminated through public web sites set for the purpose. Briefings will be arranged for planners, policy makers as well as decision makers regarding the key findings and available information.

**Initial Meeting on  
Scoping Workshop on Global Change Impact Assessment for  
Himalayan Regions  
21 – 22 July 2001**

**Date: Saturday, 21 July 2001**

**Venue: Hotel Himalaya**

<u>Time</u>	<u>Programme</u>	<u>Activities</u>
09:30 – 11:15		Presentation and Discussion on APN Scoping Workshop: Objectives and expected Outputs
11:15 – 11:30		Tea Break
11:30 – 12:30		Discussion on Scoping Workshop: Tentative Dates, Venue, and programme schedule.
12:30 – 13:30		Lunch Break
13:30 – 15:00		Discussion on Scoping Workshop Programme Identification of Themes and Paper Presenters
15:00 – 15:15		Tea Break
15:15 – 16:30		Discussion on country specific issues

**Date: Sunday, 22 July 2001**

**Venue: Hotel Himalaya**

<u>Time</u>	<u>Activities</u>
09:30 – 11:15	Discussion on Research Framework, Data Availability, Data Formats, Data Gaps
11:15 - 11:30	Tea Break
11:30 – 13:00	Identification of Partner Institutions, Experts, Research sites and Linkage Mechanisms
13:00 – 14:00	Lunch Break
14:00 – 15:15	Discussion on selection of research sites
15:15 – 15:30	Tea Break
15:30 – 16:30	Finalization and Conclusions

## Initial Meeting on Scoping Workshop

## List of Participants

S.N.	Name of the Participants	Contact Address
1	<b>Dr. G. C. S. Negi</b>	Scientist (Land & Water Resources Mgmt) G.B. Pant Institute of Himalayan Environment & Development, Garwal Unit, P.B. 92 Srinagar, Garwal (Uttaranchal) India (PIN 246174) Phone: 91-1388-52603 Fax: 91-1388-52424 Email: gbpgu@nde.vsnl.net.in
2	<b>Dr. Kishore Sherchand</b>	Chief, Agricultural Environment Section Nepal Agricultural Research Council (NARC) Khumaltar, Lalitpur Phone: 977-1-535981 Fax: 977-1-521197 Email: env_narc@col.com.np
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5	<b>Mr. Adarsha P. Pokharel</b>	Dept. of Hydrology and Meteorology P. O. Box 406 Kathmandu Phone: 262411 Email: adarsha@dhm.gov.np
6	<b>Mr. Tara Man Gurung</b>	Centre Region Irrigation Directorate Bhanimandap, Lalitpur Phone: 535002 (off.), 226808 (res.) Email: tara@mangrg.mos.com.np
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9	<b>Mr. Dhan Lall Shrestha</b>	Water & Energy Commission Secretariat Singha Durbar, Kathmandu, Nepal Email: dlshrestha@weecs.gov.np
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**Scoping Workshop on Global Change Impact Assessment for  
Himalayan Mountain Regions for Environment Management and  
Sustainable Development**

**2<sup>nd</sup> – 5<sup>th</sup> October 2001**

Venue: Hotel Himalaya, Pulchowk, Lalitpur

**Sponsored by Asia Pacific Network for Global Change Research (APN) and  
Organized by Institute for Development and Innovation (IDI) under the aegis of  
Ministry of Science and Technology (MoST), HMG/N**

**PROGRAMME : INAUGURAL SESSION**

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9:30 a.m. - 10:00 a.m.	Registration of the Participants
10:00 a.m.	Arrival of the Chief Guest Hon. Dr. Jagadish Chandra Pokharel, Member, National Planning Commission
10:05 a.m.	Session Starts Chairperson – Mr. Adarsha Pokharel, Acting Secretary, Ministry of Science and Technology
10:05 a.m. - 10:10 a.m.	Welcome Address by Prof. Dr. Kedar Lal Shrestha, Advisor, Ministry of Science and Technology (MoST)
10:10 a.m. – 10:15	Introductory Remarks by Mr. Martin Rice, Programme Officer, APN
10:15 a.m.	Inauguration of the Workshop by the Chief Guest.

REMARKS BY:

10:15 a.m. - 10:20 a.m.	Prof. Dr. Lisa Graumlich, Mountain Research Initiative, IGBP
10:20 a.m. - 10:25 a.m.	Dr. G. Campbell, Director, ICIMOD
10:25 a.m. - 10:30 a.m.	Dr. A.P. Mitra, Director, SASRC
10:30 a.m. - 10:40 a.m.	Inaugural Address by the Chief Guest
10:40 a.m. - 10:45 a.m.	Vote of Thanks
10:45 a.m. - 11:55 a.m.	Chairperson's Remarks and Conclusion of the Inaugural Session
11:00 a.m. - 11:30 a.m.	Refreshments

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## Technical Sessions

2<sup>nd</sup> October 2001

Venue: Hotel Himalaya, Lalitpur

**11:30 – 13:30**

**Technical Session - 1**

**Session Chair:**

**Dr. A.P. Mitra**

**Rapporteur:**

**Dr. Kishor Rajbhandari**

*Speakers:*

**Dr. Lisa Graumlich**

*Globalisation and Mountain Regions*

**Dr. V. Subramanian**

*Water quality of the Himalayan Rivers*

**Dr. Narpat S. Jodha**

*Economic Globalisation and Fragile Mountains –  
Imperatives and Adaptations*

**Dr. Narendra Man Shakya**

*Applications of Hydrological Modelling – A  
tool for Impact Assessment in Mountainous  
Catchments of Nepal*

**Dr. Swayambhu M. Amatya**

*Mountain Forest Resources and Climate Change*

**13:30 n.m. - 14:30 n.m.**

**LUNCH BREAK**

**14:30 – 17:30**

**Technical Session – 2**

**Session Chair:**

**Dr. A.P.Mitra**

**Rapporteur:**

**Dr. Bal Krishna Sapkota**

*Speakers:*

**Prof. K.L.Shrestha and  
Mr. M. Ghimire**

*Environmental Vulnerability Analysis: An  
Indicative Approach*

**Dr. Arun B. Shrestha**  
*Change?*

*Tsho Rolpa Glacier Lake-Is It Linked to Climate*

**Mr. Narendra Raj Khanal**

*Land Use and Land Cover Change Changes In  
Mountain Regions of Nepal*

**Annex-3 (Contd.)**

**Mr. Pradeep Mool**

*The Glacial Lakes and Glacial Lake Outburst Flood events in the Hindu Kush-Himalayan Region*

**Dr. Mel Reasoner**

*Overview on Mountain Research Initiative*

**17:30**

**Leave for Nagarkot by bus**

**3rd October 2001**  
**Nagarkot**

**Venue: Himalayan Club,**

**9:00 – 11:00**

**Technical Session – 3**

**Chairman:**  
**Rapporteur:**

**Dr. Lisa Graumlich**  
**Mrs. Bina Shrestha**

*Speakers:*

**Dr. Kishor Sherchan**

**Global Climate Change and  
Mountain Agriculture**

**Prof. Dr. Muhammed Bashir Chaudhary** *Global Change Impact Assessment for  
Himalayan Mountain Regions for Resource  
Management and Sustainable Development*

**Dr. Tirtha Bahadur Shrestha**

*Natural Vegetation and Climate change in  
Nepal Himalayas*

**Dr. R. K. Mazari**

*Climate Change Impacts in the Himalayas*

**Mr. Khurram Mehmood**

*Selection of Site for Global Change Study in  
the Mountain Regions of Pakistan*

**11:00 – 11:15**

**Tea Break**

**11:15 – 13:30**

**Technical Session – 4**

**Chairman:**  
**Rapporteur:**

**Prof. V. Subramanian**  
**Dr. Shree Krishna Giri**

*Speakers:*

**Prof. K.L. Shrestha**

*Global Change and Himalayan Mountain  
Ecosystem: Impacts and Adaptations*

**Annex-3 (Contd.)**

**Dr. Keshav Prasad Sharma**

*Global change impact on sediment flux in a Himalayan basin*

**Dr. G. C. S. Negi**

*Impact of land use/land cover on watershed hydrology - Water shade as a unit for global change impact assessment for environmental management and sustainable development: Case Study from India.*

**Dr. Khalid M. Siddiqui**

*Sustainable Mountain Development and Global Change in Pakistan*

**Er. Kireet Kumar**

*Status report of land and water resources management in the Western Himalayan region*

**1300: - 14:00**

**Lunch Break**

**14:00 – 15:00**

**Workshop Session**

**Chairman:  
Rapporteur:**

**Prof. Dr. Muhammed Bashir Chaudhary  
Dr. Kishor Sherchand**

*General Discussion on  
APN Project Proposal:*

*Conceptual framework, Objectives, Action/output*

**15:00 – 15:15**

**Tea Break**

**15:15 – 17:00**

**Workshop Session (contd.)**

*Discussion on Research Guidelines*

**4th October 2001  
Nagarkot**

**Venue: Himalayan Club,**

**9:30 – 11:15**

*Discussion on APN Project Proposal*

**11:15 – 11:30**

**Tea Break**

**Annex- 3 (Contd.)**

**11:30 – 13:00**                      *Discussion on APN Project Proposal*

<b>13:00 – 14:00</b>	<b>Lunch Break</b>
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**14:00 – 15:15**                      *Discussion on Draft Proposal*

<b>15:15 – 15:30</b>	<b>Tea Break</b>
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**15:30 – 17:30**                      *Discussion on Draft Proposal*

**5th October 2001**  
**Nagarkot**

**Venue: Himalayan Club,**

**9:30 – 11:00**

**Final Session**

*Draft Proposal Presentation and Discussion*

<b>11:00 – 11:15</b>	<b>Tea Break</b>
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**11:15 – 13:00**

**Concluding Session**

*Finalization of the Project Proposal*  
*Remarks and Vote of Thanks*

<b>12:00 – 13:00</b>	<b>Lunch</b>
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<b>13:30</b>	<b>Departure for Hotel Himalaya by Bus</b>
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<b>14:30 – 18:30</b>	<b>Free Time</b>
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<b>18:30 – 20:30</b>	<b>Dinner at Hotel Himalaya</b>
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**List of Participants to the Scoping Workshop on "Global Change Impact Assessment for the Himalayan Mountain Regions" 2nd to 5th October 2001, Kathmandu**

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