

About the Editors



Dr. G.C.S. Negi is Scientist-D (Forest Ecology) in GBPIHED. He obtained his M.Sc. and Ph.D. degrees in Botany with specialization in Forest Ecology from Kumaun University, Nainital. In his research career of about 25 years, Dr. Negi has extensively worked on structural and functional aspects of forests, grasslands and agro-ecosystems of Central Himalayan region. He has also worked on spring hydrology, watershed management, silvi-pasture development, conservation agriculture and environmental assessments of developmental projects. Currently, he is involved in research work on forest ecosystem services. He has published 50 papers in journals of international and national repute and was awarded Jawaharlal Nehru Visiting Fellowship in 1998. He was a LEAD (Leadership in Environment and Development) India Fellow in 2007.



Dr. P.P. Dhyani is the Scientist-G of the Institute (GBPIHED) and is currently the Head of Socio-Economic Development (SED) & Environment Assessment and Management (EAM) Group of the Institute. A plant eco-physiologist by training, he is the Fellow of the National Institute of Ecology and Member of the Mountain Protected Area (MtPA) Network of the World Conservation Union, USA. Dr. Dhyani has 115 research publications, including 3 books and 1 monograph, to his credit. He has research experience of 31 years in the field of eco-physiology, restoration ecology and conservation biology. Based on his outstanding contribution in the arena of scientific research, Dr. Dhyani has been named as one of the 'Leading Scientists of the World - 2009' by the IBC, Cambridge, U.K.; he has also been honored in 2009 by the 'Bharat Excellence Award' by the FFI, New Delhi and awarded by the 'Gold Medal of the Academy' in 2010 by the Indian Academy of Environmental Sciences (IAES), Hardwar.

Resolution Adopted by the United Nations General Assembly On the report of the Second Committee (A/61/422/Add.1 and Corr.1) 61/193, International Year of Forests, 2011

The General Assembly,

Reaffirming its commitment to the Non-legally Binding Authoritative Statement of Principles for a Global Consensus on the Management, Conservation and Sustainable Development of All Types of Forests and Agenda 21, adopted at the United Nations Conference on Environment and Development, the United Nations Millennium Declaration, adopted at the Millennium Summit in 2000, the Johannesburg Declaration on Sustainable Development and the Plan of Implementation of the World Summit on Sustainable Development, adopted at the World Summit on Sustainable Development, held in Johannesburg, South Africa, in 2002,

Recalling the Convention on Biological Diversity, the United Nations Framework Convention on Climate Change, the United Nations Convention to Combat Desertification in Those Countries Experiencing Serious Drought and/or desertification, Particularly in Africa, and other relevant conventions dealing with the complexity of forest issues,

Recognizing that forests and sustainable forest management can contribute significantly to sustainable development, poverty eradication and the achievement of internationally agreed development goals, including the Millennium Development Goals,

Recalling Economic and Social Council decision 2006/230 of 24 July 2006,

Emphasizing the need for sustainable management of all types of forests, including fragile forests ecosystems,

Convinced that concerted efforts should focus on raising awareness at all levels to strengthen the sustainable management, conservation and sustainable development of all types of forests for the benefit of current and future generations,

1. Decides to declare 2011 the International Year of Forests;
2. Requests the secretariat of the United Nations Forum on Forests of the Department of Economic and Social Affairs of the Secretariat, to serve as the focal point for the implementation of the Year, in collaboration with Governments, the Collaborative Partnership on Forests and international, regional and subregional organizations and processes as well as relevant major groups;
3. Invites, in particular, the Food and Agriculture Organization of the United Nations, as the Chair of the Collaborative Partnership on Forests, within its mandate, to support the implementation of the Year;
4. Calls upon Governments, relevant regional and international organizations, and major groups to support activities related to the Year, inter alia, through voluntary contributions, and to link their relevant activities to the Year;
5. Encourages voluntary partnerships among Member States, international organizations and major groups to facilitate and promote activities related to the Year at the local and national levels, including by creating national committees or designating focal points in their respective countries;
6. Requests the secretary-General to report to the General Assembly at its sixty-fourth session on the state of preparations for the Year.

83rd plenary meeting
20 December 2006



ENVIS Centre on Himalayan Ecology

G.B. Pant Institute of Himalayan Environment and Development
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Negi
Dhyani

GLIMPSES OF FORESTRY RESEARCH IN THE INDIAN HIMALAYAN REGION
Special Issue in the International Year of Forests - 2011

GLIMPSES OF FORESTRY RESEARCH IN THE INDIAN HIMALAYAN REGION

Special Issue in the International Year of Forests - 2011



Editors
G.C.S. Negi & P.P. Dhyani

About the Book

This special volume, dedicated for the International Year of Forests - 2011, contains articles/research papers on wide ranging and emerging areas of forestry and forest ecology contributed by leading researchers from various Institutes, Universities and NGOs working in the Indian Himalayan Region (IHR). Topics covered in this edited volume include climate change impacts on forest structure and functioning, ecosystem services, carbon sequestration, carbon markets and REDD+, community forestry, forest fire and invasion, and priority areas for forestry research in the RIO+20 Era. Readers will find that the articles indicate a paradigm shift from the traditional studies focusing on forest structure and functioning to contemporary global thinking on forests as a natural capital for sustainable growth and development. It is hoped, this publication will cater to the need of all those who are planning new research programmes in the field of forestry and forest ecology in the IHR in particular, and elsewhere in the country, in general.

About ENVIS Centre

ENVIS Centre on Himalayan Ecology at the G.B. Pant Institute of Himalayan Environment and Development (GBPIHED) was established in 1992-93 with the financial support from the Ministry of Environment and Forests (MoEF), Government of India, New Delhi. The Centre is collecting, collating, compiling and building quantitative and qualitative databases of information related to various aspects of Himalayan Ecology. Through print/electronic media, the Centre is regularly disseminating all available information, free of cost, to various stakeholders/users, which include all District Information Centres (working in the Himalayan states of the country), ENVIS Centres of the MoEF, Universities, Research Centers, Engineering Colleges, Govt. Institutions, NGOs and experts/individuals working in the Indian Himalayan region (IHR). The main mandate of the Centre is to spread environmental awareness and help research and development in areas related to Himalayan Ecology. For further details, ENVIS website : <<http://gbpihedenvs.nic.in>> may please be visited.

About the Institute

G.B. Pant Institute of Himalayan Environment and Development (GBPIHED) was established in 1988-89, during the birth centenary year of Bharat Ratna Pt. Govind Ballabh Pant, as an autonomous Institute of the Ministry of Environment and Forests (MoEF), Govt. of India. The Institute has been identified as a focal agency to advance scientific knowledge, to evolve integrated management strategies, demonstrate their efficacy for conservation of natural resources, and to ensure environmentally sound development in the entire Indian Himalayan region (IHR). The Institute has headquarters at Kosi-Katarmal, Almora (Uttarakhand) and four regional units, namely Himachal Unit at Mohal (Kullu, HP), Garhwal Unit at Srinagar (Garhwal, Uttarakhand), Sikkim Unit at Pangthang (Sikkim) and North East Unit at Itanagar (Arunachal Pradesh). For further details, please log on to the Institute's website <<http://gbpihed.gov.in>>.