



United Nations  
Educational, Scientific and  
Cultural Organization

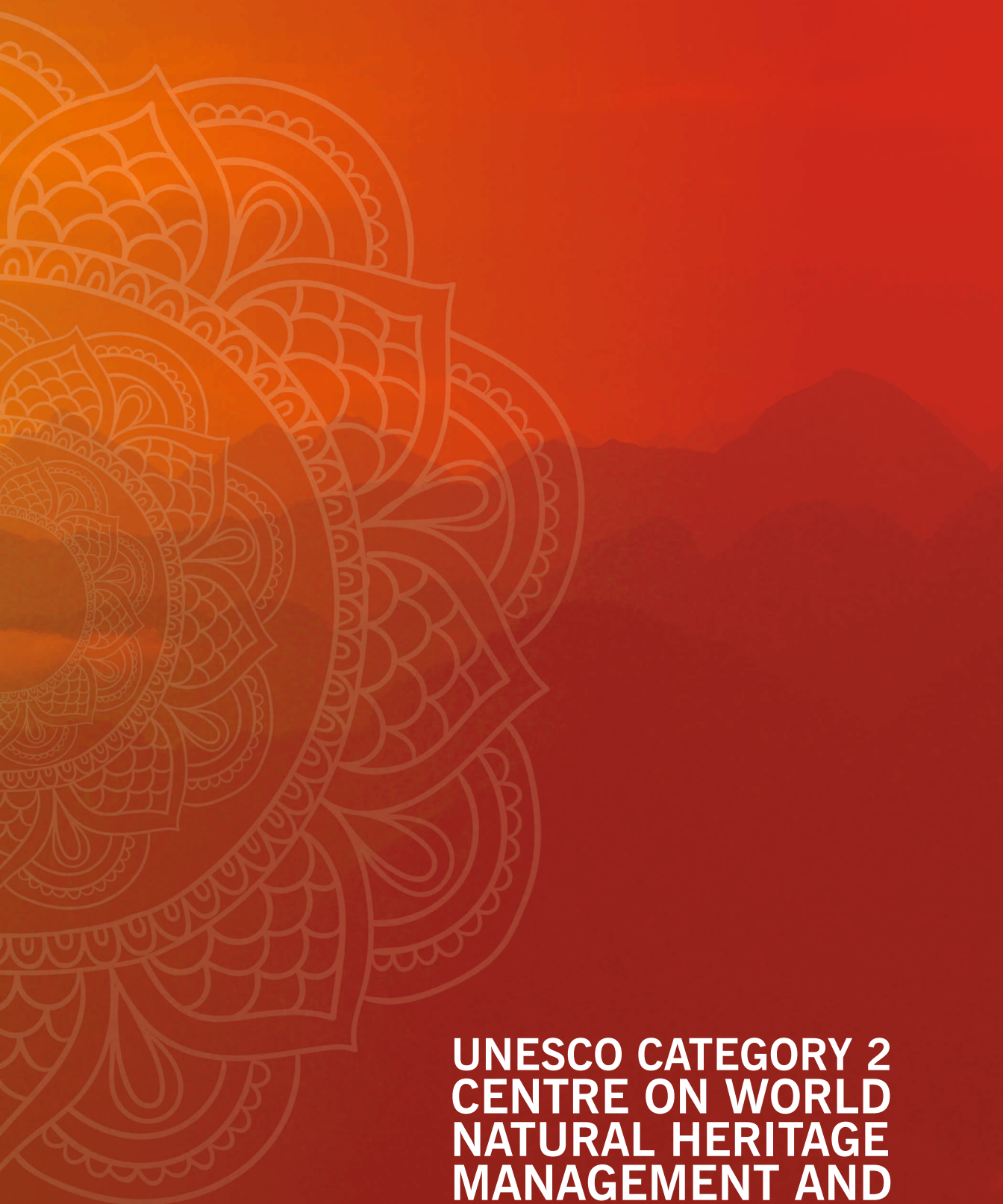


World  
Heritage  
Convention



World Natural Heritage  
Management and Training  
for Asia and the Pacific Region

annual report  
2016-17



**UNESCO CATEGORY 2  
CENTRE ON WORLD  
NATURAL HERITAGE  
MANAGEMENT AND  
TRAINING FOR ASIA  
& THE PACIFIC REGION  
AT WILDLIFE INSTITUTE OF INDIA, DEHRADUN**





United Nations  
Educational, Scientific and  
Cultural Organization



World  
Heritage  
Convention



World Natural Heritage  
Management and Training  
for Asia and the Pacific Region

---

annual report  
2016-17



भारतीय वन्यजीव संस्थान  
Wildlife Institute of India

# CONTENTS

---

<b>From the Director's Desk</b>	<b>1</b>
<b>Mission and Objectives</b>	<b>3</b>
<b>Activities undertaken in 2016-17</b>	
<b>1. NOMINATIONS/DOSSIERS</b>	<b>05</b>
1.A. Celebrating Indian World Heritage Site Inscriptions 2016	<b>06</b>
1.B. Nomination of Kailash Sacred Landscape (KSL) as UNESCO Mixed/cultural landscape (serial) World Heritage Site (14th June, 2016, 29th Aug, 2016 & 14th Oct, 2016, 23rd Nov)	<b>07</b>
1.C. Consultative Dialogue on Kailash Sacred Landscape as UNESCO World Heritage Site (23rd November, 2016)	<b>08</b>
1.D. Evaluation of Bhitarkanika World Heritage Nomination (Nov 2016)	<b>08</b>
1.E. Consultation meeting in Garo Hills, Meghalaya (Feb 2017)	<b>09</b>
1.F. Proposal for Minor Boundary Modification and State of Conservation Report for Manas World Heritage Site (Assam) (Feb 2017)	<b>10</b>
1.G. Proposal for nomination/addition of Goa (Western Ghats) World Heritage Site (Feb 2017)	<b>11</b>
<b>2. CAPACITY BUILDING TRAINING AND WORKSHOPS</b>	<b>12</b>
2.A. International Short Course on Disaster Damage and Loss Assessment in Natural Heritage and Cultural Sites using Geospatial Techniques (11th Sep- 2nd Oct, 2016)	<b>14</b>
2.B. Consultative Dialogue on Cultural landscapes, Mixed and Transboundary Heritage Sites (24th Nov, 2016)	<b>15</b>
2.C. 2016 Asian ESP Conference: Ecosystem Services for Nature Based Solutions (May 2016)	<b>15</b>
2.D. The Asian Ministerial Conference on DRR in New Delhi (3rd Nov, 2016)	<b>16</b>
2.E. Assam State Biodiversity Strategy and Action Plan Stakeholders Consultation Workshop, Guwahati, Assam (16th Nov, 2016)	<b>17</b>
2.F. Teaching module on Natural Heritage at Centre for Heritage Management, Ahmedabad University (Oct 2016)	<b>17</b>
2.G. UNESCO Visiting Fellow	<b>18</b>

---

2.H. Internship	18
2.I. Training and Workshops attended by C2C Staff	19
<b>3. ADVISORY SERVICES</b>	<b>22</b>
3.A. Interventions on behalf of State Party of India at 40th Session of the World Heritage Committee Meeting, Istanbul, July 2016	24
3.B. Manas State of Conservation report, December, 2017	25
<b>4. OUTREACH</b>	<b>26</b>
4.A. Celebration of World Heritage Day, 18th April, 2016	28
4.B. Celebration of Green Hub Festival, 14th May, 2016	29
4.C. Annual C2C Coordination Meeting (22nd November, 2016)	30
4.D. Celebrating Natural Heritage: In Literature, Arts & Culture' (7-12 February 2017)	30
4.E. Natural Heritage Bulletin	31
<b>5. RESEARCH &amp; MONITORING</b>	<b>32</b>
5.A. Water-quality monitoring at Keoladeo National Park (25th-29th July, 2016)	34
5.B. Evaluating the Outstanding Universal Values of Western Ghats (Sahyadri Sub-cluster) for provisioning & regulating ecosystem services in the region	34
5.C. Symbiosis of nature and culture: A case study of Apatani Cultural Landscape (Sep, 2016)	35
<b>6. COLLABORATIONS</b>	<b>36</b>
<b>7. ACCOUNTS</b>	<b>38</b>



# FROM THE DIRECTOR'S DESK

It gives me great pleasure to present the Annual Report 2016-17 of the UNESCO Category 2 Centre (C2C) on World Natural Heritage Management and Training for Asia and the Pacific Region at Wildlife Institute of India, Dehradun. In the second year of its operation, the Centre made special efforts in supporting nomination of World Heritage properties, capacity building, research and monitoring, and outreach programmes and accomplished its outlined mandate for the year 2016-17. A specialised training programme on Disaster Damage and Loss Assessment in Natural Heritage and Cultural Sites using Geospatial Techniques was organised for World Heritage professionals and stakeholders in Asia and the Pacific region. To mainstream local communities, media representatives and civil society organisations in World Heritage processes, the Centre has organised thematic workshops on Nature-Culture linkages, Cultural Landscapes, Mixed and Trans-boundary Heritage properties. The Centre also collaborated with Universities, Institutes and NGOs for internship programmes focusing on the objectives of the World Heritage Convention and related aspects in the field of heritage.

In 2016, India had the unique distinction of having three successful inscriptions on the World Heritage List viz. Khangchendzonga National Park, Sikkim, Archaeological Site of Nalanda Mahavihara (Nalanda University), Nalanda and The Architectural Work of Le Corbusier, Chandigarh. The Centre was instrumental in the nomination of Khangchendzonga National Park, Sikkim by providing technical support to the State and Central Governments for its inscription as India's first Mixed World Heritage Site.

Being the youngest member of the global UNESCO Category 2 Centres fraternity, it was the Centre's privilege to host the 5th Annual Coordination Meeting of the UNESCO World Heritage-related Category 2 Institutes and Centres in November 2016. This event at WII was also graced by Dr. Mechtild Rossler, Director, World Heritage Centre, Paris, along with representatives from other Category 2 Centres and World Heritage Advisory Bodies.

It is hoped that our second Annual Report will help us reach out to our stakeholders and enhance existing and potential linkages for natural heritage conservation.

**(Dr. V. B. Mathur)**



## BACKGROUND

The Agreement between Government of India and UNESCO for the establishment in Dehradun of a 'Centre for World Natural Heritage Management and Training for Asia and the Pacific Region' as a Category 2 Centre under the auspices of UNESCO was formally signed on 2nd September, 2015 by the Director General of Forests, Ministry of Environment, Forest and Climate Change, Government of India as counterpart to the signature by the Director General, UNESCO, Paris. The signing followed the approval of this Agreement by the Government of India's Cabinet of Ministers, chaired by Honorable Prime Minister, Mr. Narendra Modi on 5th August, 2015.

The UNESCO C2C at Wildlife Institute of India, Dehradun has accomplished Annual Work Programmes for the years 2014-15 and 2015-16. This Annual Report outlines the activities undertaken by the Centre during year 2016-17.



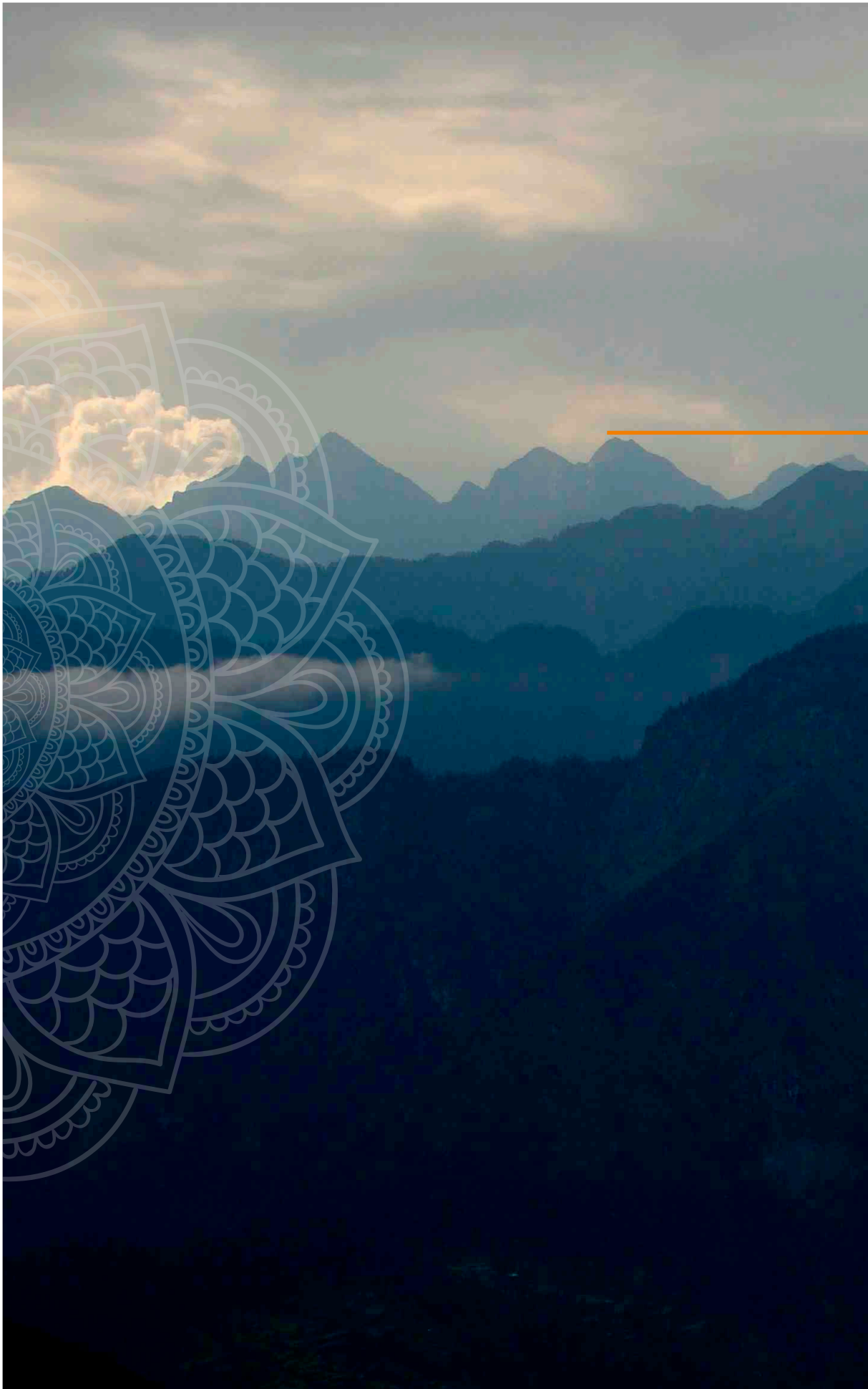




## MISSION AND OBJECTIVES

The Centre's mission is to strengthen implementation of World Heritage Convention in Asia and the Pacific Region by building the capacity of all those professionals and bodies involved with Natural Heritage site inscription, protection, conservation and management in Asia and the Pacific region, through training, research, dissemination of information and network building. The overall objective is to focus on Natural Heritage conservation issues with the aim to:

- contribute to the strengthening of capacities in the management of Natural World Heritage in the region;
- contribute to achieving a more balanced representation of properties from Asia and the Pacific on the World Heritage List;
- raise awareness among the general public and the youth in particular of the importance of Natural World Heritage and the need to protect it; and
- foster international cooperation on Natural World Heritage initiatives.



# 01

## NOMINATIONS/DOSSIERS

A key objective of the Centre is to contribute towards enhancing representation of properties on the World Heritage List. Towards this end, the Centre offers technical support to State Parties in the process of nomination of World Heritage Sites.

The Operational Guidelines of the World Heritage Convention has elaborate provisions for nomination of properties on the World Heritage List. The first step is for a State Party to make an 'inventory' of its important natural and cultural heritage sites termed as Tentative List. Thereafter, the State Party may prepare an exhaustive nomination file for a site which is submitted to the World Heritage Centre for review and to check it is complete. Once a nomination file is complete, the World Heritage Centre sends it to the appropriate Advisory Bodies for evaluation. A nominated property is independently evaluated (both by review of the nomination file and by site visit) by two Advisory Bodies mandated by the World Heritage Convention: the International Council on Monuments and Sites (ICOMOS) for cultural sites and the International Union for Conservation of Nature (IUCN) for natural sites.

Once a site has been nominated and evaluated, the intergovernmental World Heritage Committee makes the final decision on its inscription. Once a year, the Committee meets to decide which sites will be inscribed on the World Heritage List. It can also defer its decision and request further information on sites from the States Parties. To be included on the World Heritage List, sites must be of outstanding universal value and meet at least one out of ten selection criteria (six cultural and four natural criteria). A full nomination cycle from Tentative List to final inscription may take a minimum of two-and-a-half years or more.

# 01

## NOMINATIONS/DOSSIERS

1.A

### Celebrating Indian World Heritage Site Inscriptions 2016

To celebrate the new Indian World Heritage Site Inscriptions 2016 (Archaeological Site of Nalanda Mahavihara (Nalanda University) at Nalanda, Bihar; The Architectural Work of Le Corbusier, an Outstanding Contribution to the Modern Movement; and Khangchendzonga National Park, Sikkim), an event was organised by the UNESCO C2C, WII at the India International Centre, New Delhi on 4th August, 2016. Eminent personalities from Government of India's Ministry of Human Resources, Culture, Environment, Forest and Climate change and representatives from UNESCO, ICOMOS and IUCN participated in the event. The highlight

of the evening was the ceremonial handing over of the Inscription Certificates of the new World Heritage Sites by the distinguished guest, Dr. Mechtild Rössler, Director of UNESCO World Heritage Centre, Paris to the Chief Guest, Shri Vinay Sheel Oberoi, Secretary, Ministry of Human Resource Development, Government of India. The event was marked by an interesting talk on "Linking Nature and Culture: Cultural Landscapes and Mixed Sites in the framework of the World Heritage Convention" delivered by Dr. Mechtild Rössler [Annexure-1].



## 1.B

## Stakeholder Consultations for Nomination of Kailash Sacred Landscape (KSL) as a potential UNESCO Mixed/ Cultural Landscape (Serial) World Heritage Site, October 2016

A series of meetings to discuss the Road Map for Action have been held including the first consultation at the Ministerial level on 14th June, 2016 at the Ministry of Environment, Forest and Climate Change (MoEFCC), Government of India, wherein the UNESCO C2C, Dehradun was assigned the responsibility to coordinate the nomination process and also prepare the nomination dossier. This was followed by visit and discussion with ICIMOD officials at WII Dehradun on 29th August, 2016 where it was proposed to first interact with the local community and conduct a stakeholder consultation to create awareness and also get their consent for going ahead with the nomination process. The one-day Stakeholder Consultation at Pithoragarh on 14th October, 2016 was



part of this process. The consultation was a multi-level group work involving community and state representatives viz., MoEFCC, Uttarakhand Government (Revenue and Forest officials), conservation practitioners, NGO representatives, village panchayat members and technical experts from natural and social sciences. The consultation comprised discussions on the relevance of WHS nomination for KSL; the rationale for KSL as a transboundary WHS; challenges and opportunities; and future roadmap. Results of this consultation were taken forward in the Consultative Dialogue on Kailash Sacred Landscape as a World Heritage Site which was held at WII Dehradun in November 2016 with UNESCO and other experts [Annexure-2].



1.C

### **Consultative Dialogue on Kailash Sacred Landscape as a World Heritage Site (23rd November, 2016)**

A Consultative Dialogue was organised at WII, Dehradun on 23rd November, 2016 to discuss the different dimensions of Kailash Sacred Landscape as a proposed Cultural Landscape/Mixed World Heritage Site. Towards this end, the Consultative Dialogue attempted to develop a World

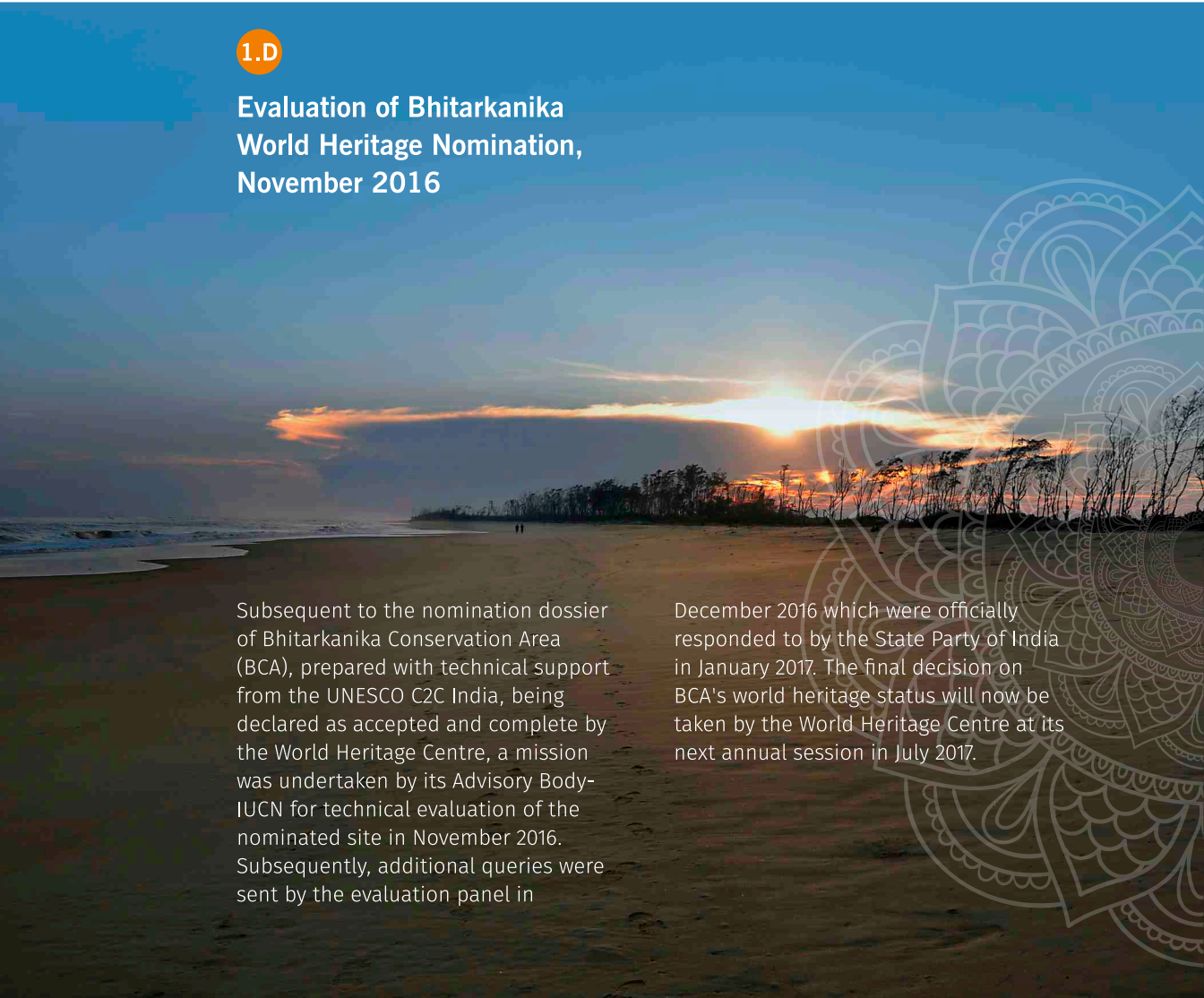
Heritage Landscape Governance Capacity Framework for Kailash Sacred Landscape, focusing on the capabilities to understand landscape dynamics, to achieve coherence in landscape diversity, to make institutions and policies work for the landscape, to create market value and to manage landscape resources. Participants included representatives from UNESCO and its Advisory Bodies viz. IUCN, ICOMOS and ICCROM; Head/ Representative of C2Cs, UNESCO Chair(s), ICIMOD and other invited

1.D

### **Evaluation of Bhitarkanika World Heritage Nomination, November 2016**

Subsequent to the nomination dossier of Bhitarkanika Conservation Area (BCA), prepared with technical support from the UNESCO C2C India, being declared as accepted and complete by the World Heritage Centre, a mission was undertaken by its Advisory Body-IUCN for technical evaluation of the nominated site in November 2016. Subsequently, additional queries were sent by the evaluation panel in

December 2016 which were officially responded to by the State Party of India in January 2017. The final decision on BCA's world heritage status will now be taken by the World Heritage Centre at its next annual session in July 2017.





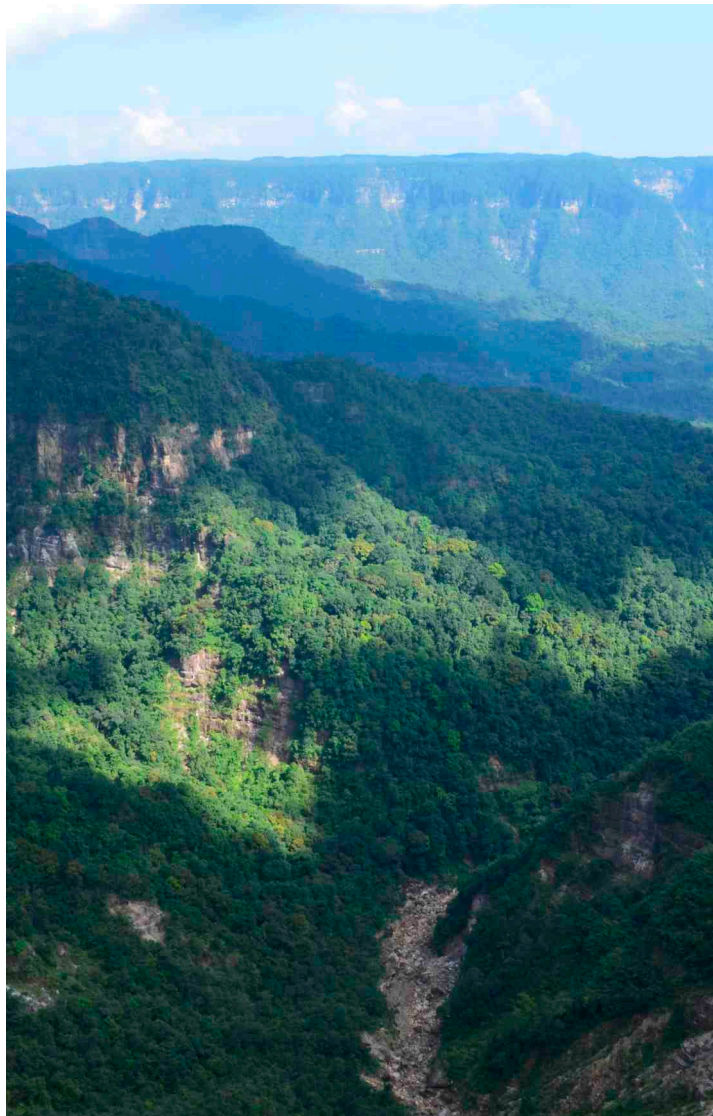
1.E

## Consultation meeting in Garo Hills, Meghalaya, February 2017

Mr. Vivek Sarkar, Project Biologist, UNESCO C2C accompanied Dr. George Schaller, internationally renowned wildlife scientist on a visit to Garo Hills, Meghalaya in February 2017. They were joined by other guests including Dr. Kashmira Kakati, Dr. Ron Chandler and Ms. Rita Banerji in Meghalaya where they undertook a tour of the Balpakram National Park to assess its status as a potential World Heritage Site. A Consultation Meeting was held on 18th February, 2017 attended by members from Forest Department, District Nokma Council, Achik Literature Society and Garo Graduation Union. The meeting included discussions on the natural and cultural attributes of the Garo Hills Conservation Area and sharing of the formal nomination process for a proposed World Heritage Site [Annexure-4].

national and international experts from the Government of India and State of Uttarakhand, academic institutions, non-government organizations among others. The event was conducted through lecture-presentations, group exercise and panel discussion. The dialogue helped to significantly enhance our understanding of the landscape and its issues, while providing greater clarity on the road map for inscription of Kailash Sacred Landscape as a World Heritage Site [Annexure-3].

© Kashmira Kakati



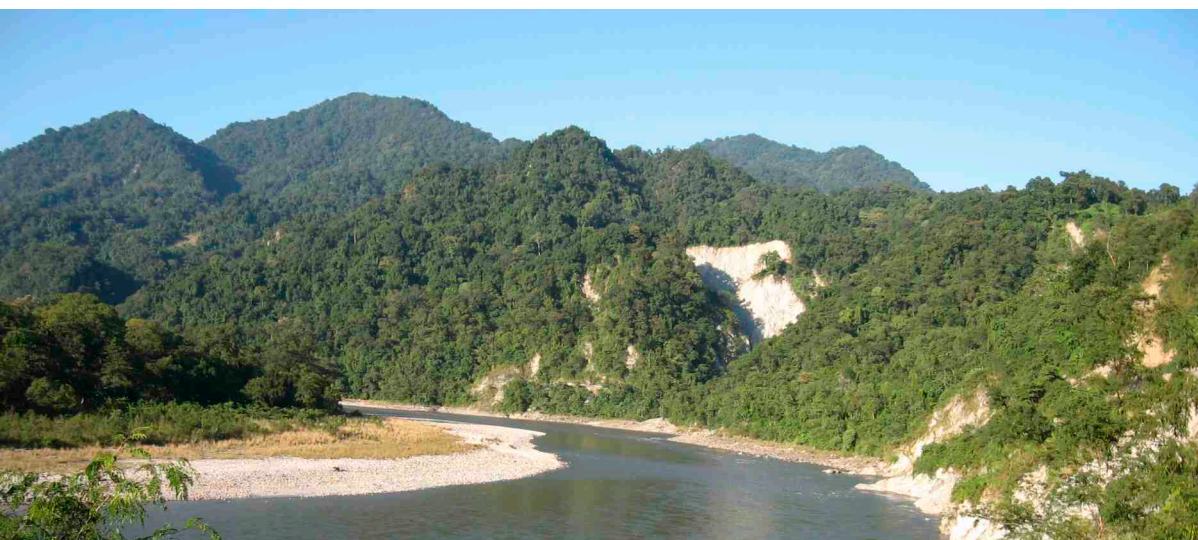


1.F

### **Proposal for Minor Boundary Modification and State of Conservation Report for Manas World Heritage Site (Assam), February 2017**

Manas World Heritage Site was inscribed in 1985 under the criteria – (vii), (ix) & (x). The Natural Heritage Site includes the area of Manas Wildlife Sanctuary (WLS) encompassing an area of 39,100 ha. On December 5, 1990 Manas WLS was upgraded to Manas National Park with an area of 50,000 ha by including the buffer area of Kokilabari Reserve Forest (5784 ha) in the northeastern part of the Wildlife Sanctuary under Bhuyanpara forest range of Manas; on the southern boundary the National Park included Kahitema Reserve Forest (3486 ha) under Bansbari range which falls between the Manas and Beki Rivers; and the National Park also included a portion of Panbari Reserve Forest (1630 ha) in the southeastern part from Bonsum forest beat to Panbari Range head quarter of Manas.

The additional modified area that constitutes Manas National Park is a contiguous extension of the present World Heritage Site (Manas Wildlife Sanctuary) in Eastern and Southern parts respectively. These additional Reserved Forests serve as buffer zones for the Wildlife Sanctuary-cum-World Heritage Site and include similar biodiversity as the core area. The additional area, thus, will not only secure the wildlife habitat of the buffer zone, but also of the core zone which is critical wildlife habitat for the tiger, one horned rhinoceros, Asian elephant, pygmy hog, hispid hare and Bengal florican. In essence, the boundary modification has served to incorporate the earlier buffer zones of the erstwhile Manas Wildlife Sanctuary as part of the core zone in the Manas National Park itself. The extension was also recommended by the World Heritage Committee recommendation WHC-11/35.COM/7A and draft decision 35 COM 7A.13 (2011) which calls for “Three-stage extension of the property” [Annexure-6]. The C2C at WII provided valuable professional inputs in finalization of the proposal.

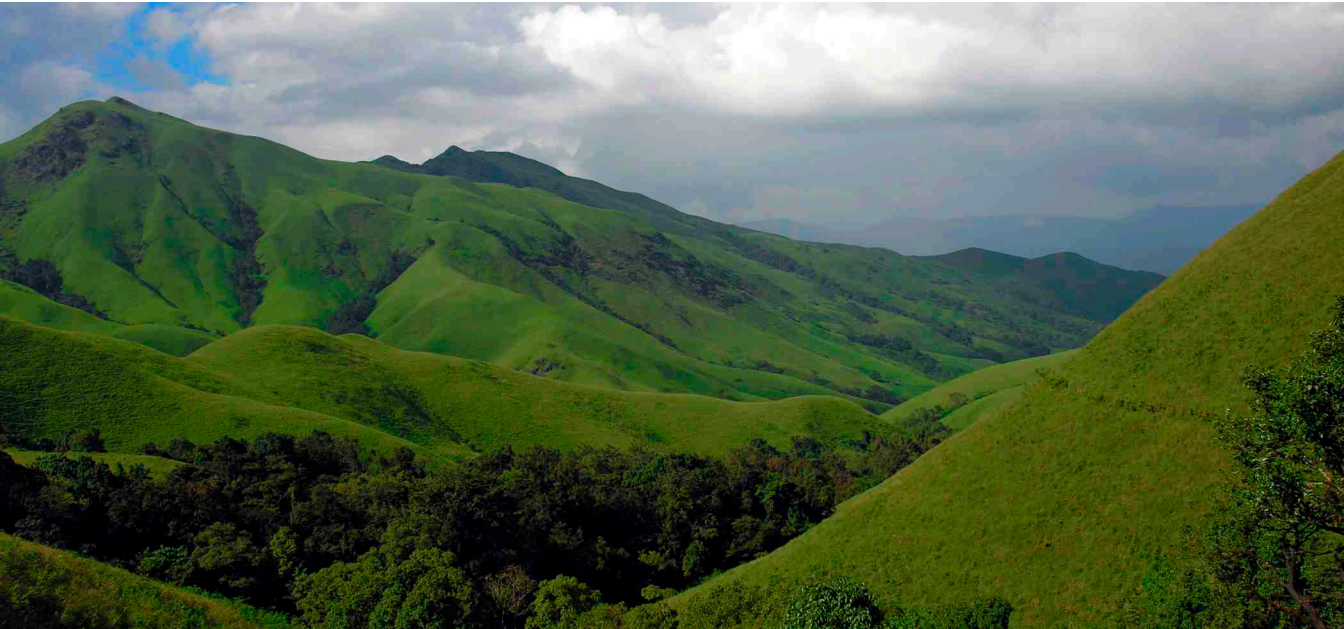




1G

## Proposal for nomination/addition of Goa (Western Ghats) World Heritage Site (February 2017)

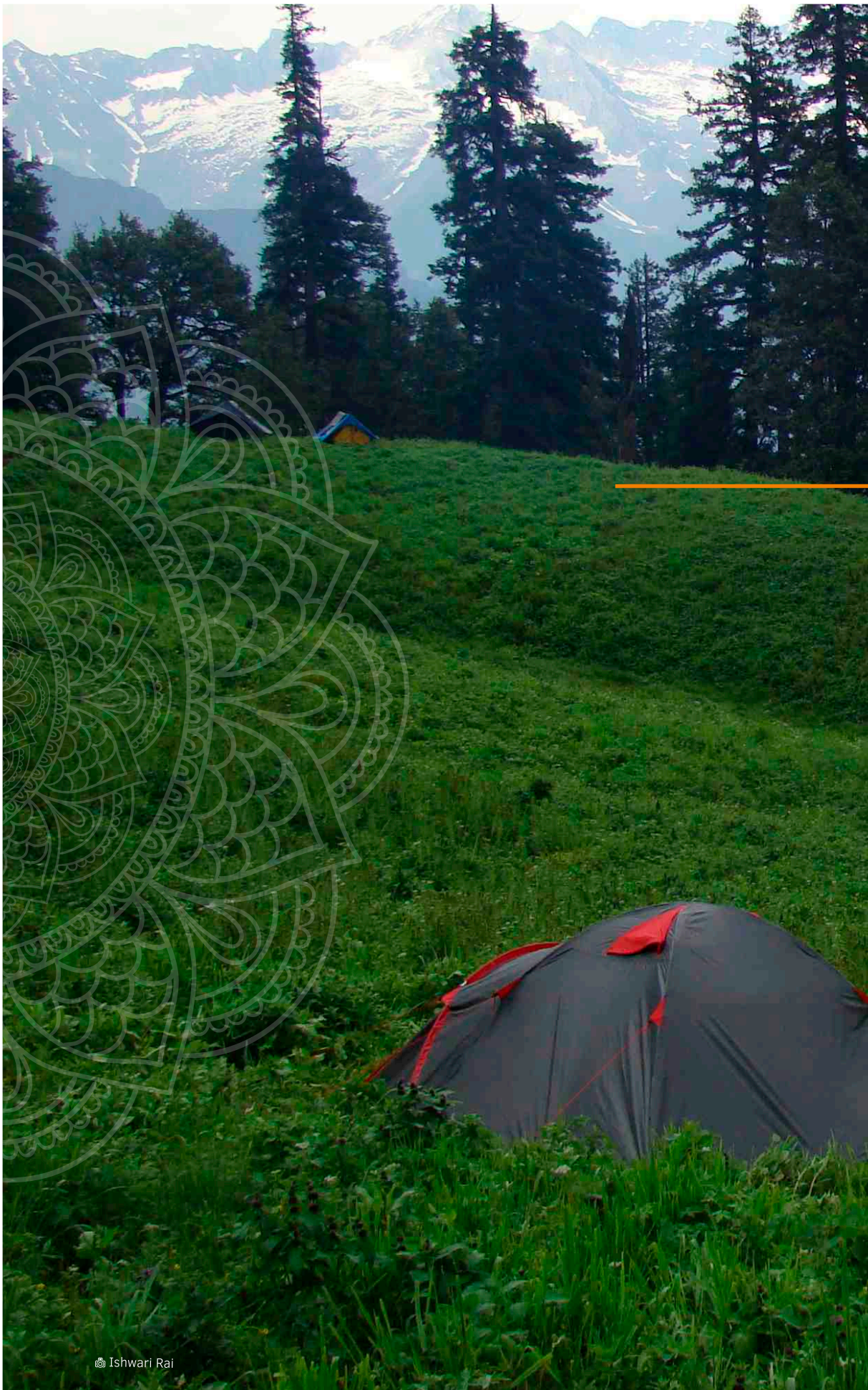
Karnataka Forest Department



The Western Ghats in India was inscribed as a serial site in the year 2012 under the criteria (ix) and (x). The site is internationally recognized as a region of immense global importance for the conservation of biological diversity, besides containing areas of high geological, cultural and aesthetic values. Comprising a chain of mountains running parallel to India's western coast, approximately 30-50 km inland, the Ghats traverse the States of Kerala, Tamil Nadu, Karnataka, Goa, Maharashtra and Gujarat. During the process of inscription which was initiated in the year 2006, out of the six States through which the Western Ghats traverses, only four States nominated their sites (39 site elements in all) while two States of Gujarat and Goa sought more time for a decision. Therefore, the inscribed property was

made up of 39 site elements grouped into 7 sub-clusters situated in 4 States in India.

However, a year after its inscription the State Government of Goa forwarded a proposal to include 5 sites in Goa within the Western Ghats World Heritage site: all five being existing Protected Areas viz. Madei Wildlife Sanctuary (208.48 km<sup>2</sup>); Bhagwan Mahaveer Wildlife Sanctuary (133 km<sup>2</sup>); Mollem National Park (107 km<sup>2</sup>); Netravali Wildlife Sanctuary (211.05 km<sup>2</sup>) and Cotigao Wildlife Sanctuary (85.65 km<sup>2</sup>). The State Party now wants to nominate these five site elements in the Western Ghats serial site. The UNESCO C2C India provided valuable professional inputs in finalization of this proposal.





# 02

## CAPACITY BUILDING TRAINING AND WORKSHOPS

Among the core functions of the Centre is to conduct short and long term capacity-building activities, including workshops, courses and international conferences. The Centre's mandate to contribute to the strengthening of capacities in the conservation and management of natural World Heritage is derived from the "World Heritage Capacity Building Strategy" which is based on the World Heritage Committee's focus on capacity building as one of its five strategic objectives (the 5Cs: credibility, conservation, communication, capacity building and community). The purpose of this strategy is to provide a framework which favours the development of effective actions and programmes to strengthen or develop capacities of practitioners, institutions, communities and networks for the conservation and management of World Heritage.

The World Heritage Capacity Building Strategy also foresees UNESCO Category 2 Centres in the regions working on World Heritage issues as appropriate institutions to take the lead in developing a regional capacity building strategy and associated programmes for strengthening capacities at the regional level.

# 02

## CAPACITY BUILDING TRAINING AND WORKSHOPS

### 2.A

#### **International Short Course on Disaster Damage and Loss Assessment in Natural Heritage and Cultural Sites using Geospatial Techniques (11th September- 2nd October, 2016).**

The first short course on “Disaster Damage and Loss Assessment in Natural Heritage and Cultural Sites using Geospatial Techniques” was organized from 11th September, 2016 to 2nd October 2016. It was a collaborative programme of two UN affiliated organizations, viz. UNESCO C2C at Wildlife Institute of India, Dehradun and Centre for Space Science and Technology Education in Asia and The Pacific (CSSTEAP), at the Indian

Institute of Remote Sensing (IIRS), Dehradun. 24 professionals and specialists from 11 countries viz. Bangladesh, Nepal, Bhutan, Sri Lanka, Maldives, Tajikistan, Cambodia, Mongolia, Kazakhstan, Vietnam and India, working in government institutes, universities, educational institutes, and involved in active research in conservation, protection, restoration of natural heritage and cultural sites in the Asia-Pacific Region participated in the training programme [Annexure-5].



**2.B****Consultative Dialogue on Cultural Landscapes, Mixed and Transboundary World Heritage Sites (24th November, 2016)**

A Consultative Dialogue was organised at WII, Dehradun on 24th-25th November, 2016 in order to facilitate information exchange and peer-to-peer learning on Cultural Landscapes, Mixed and Transboundary Heritage Sites under the World Heritage Convention. The dialogue had a thematic focus on the relevance of interdisciplinary and integrated approaches to the inscription and management of such sites. The event witnessed participation of professionals from UNESCO and its Advisory Bodies and other invited national and international experts from the Government of India and State of Uttarakhand, academic institutions, non-government organizations among others and with



generous financial support from Uttarakhand State Council for Science and Technology (UCOST). The dialogue offered productive discussions on the opportunities for 'Cultural Landscape' properties and the need for bridging the gap between natural and cultural attributes of World Heritage properties [Annexure-6].

**2.C****2016 Asian ESP Conference: Ecosystem Services for Nature Based Solutions**

UNESCO C2C India conducted a session titled 'Natural Heritage Sites and their roles in Ecosystem Services provisioning, Disaster Risk Reduction and Climate Change Adaptation in the Asia-Pacific Region' at the 2016 Asian ESP Conference:

Ecosystem Services for Nature Based Solutions held in Ansan-si, Republic of Korea on 3rd June 2016. UNESCO C2C was represented by Dr. Sonali Ghosh, Scientist-F and Ms. Rupa, World Heritage Assistant. The session featured expert speakers and a panel discussion. The session highlighted the role of protected areas (including Natural World Heritage Sites) as an ecosystem based DRR



strategy that can readily be incorporated in the planning and management of natural resources in Asia. At the same time World Heritage Sites are more vulnerable to disasters because of the uniqueness that they preserve in terms of the OUV. It is expected that DRR strategies will find a prominent place in the road map for action the emerged from the Asian ESP-Conference [Annexure-7].



## 2.D

### The Asian Ministerial Conference on DRR, New Delhi, 3rd November, 2016

The Asian Ministerial Conference on Disaster Risk Reduction was held on 3rd November, 2016 in New Delhi. The thematic session on the topic 'Making World Heritage Risk Resilient' was conducted by the UNESCO C2C which emphasised the need for countries to develop concerted policies and plans on disaster risk reduction for world heritage sites and also sought to examine how heritage can foster resilience [Annexure-8].



**2.E**

### **Assam State Biodiversity Strategy and Action Plan Stakeholders Consultation Workshop, Guwahati, Assam, 16th September, 2016**

The first Stakeholders' Consultation Workshop on Assam State Biodiversity Strategy and Action Plan was held on 16th September, 2016 at NEDFi Conference Hall in Guwahati. The workshop aimed at bringing together stakeholders belonging to different departments and experts

from relevant fields. Sensitization of participants about the project jointly undertaken by Assam State Biodiversity Board (ASBB) and Wildlife Institute of India (WII) along with questionnaire survey was carried out. The workshop was attended by representatives from 3 Government Departments, 5 NGOs, 8 Educational and Research Institutes, 5 board members of ASBB and 5 other high level dignitaries. In all, there were over 30 participants. Dr. V. B. Mathur, Director Wildlife Institute of India, gave a presentation titled 'NBSAP and formulation of Assam State Biodiversity Strategy and Action Plan' [Annexure-9].

**2.F**

### **Teaching module on Natural Heritage at Centre for Heritage Management, Ahmedabad University (Oct 2016)**

UNESCO C2C India collaborated with Centre for Heritage Management, Ahmedabad University for a teaching module on Natural Heritage. Dr. Sonali Ghosh, Scientist-F, UNESCO C2C was associated with designing the teaching module and delivered lectures to the students of Master's Programme in Heritage Management, Ahmedabad University. The main objective of the course was:

- a. To explain the history of evolution of the concept of cultural landscapes as well as ecological and environmental management approaches,
- b. To articulate the key issues and opportunities pertaining to such larger domains of heritage management, particularly the holistic context it thrives upon,
- c. To appraise various approaches devised and followed by different institutions for different scale and nature of environment and landscapes, including cultural influence on them,
- d. To discuss the issues and approaches of environment and cultural landscapes management in local, national as well as international frameworks including that of world heritage,
- e. To conceptualize a management framework for such broader aspects of heritage management, particularly connecting them with the intangible heritage issues as well as tangible/built heritage and development issues.
- f. The course was attended by 15 participants.



## 2.G

### UNESCO Visiting Fellow

UNESCO C2C India, Dehradun introduced a 'Visiting Fellows Programme' in the current year. The programme is intended to host scholars and practitioners working on subjects relevant to World Natural Heritage. The objectives of the programme are to:

- exchange professional experience and collaborate on diverse issues of World Natural Heritage Sites.
- build and enhance capacity for management of natural heritage sites.
- contribute to research and policy on natural heritage sites.
- build linkages, networks and partnerships with other organisations and experts.

- provide an opportunity to work in a multi-cultural, multidisciplinary organisation.

Based on call for applications for the fellowship for 2016-17, Dr. (Ms) Shalini Sharma, Assistant Professor, Tata Institute of Social Sciences, Guwahati, Assam was selected as a Visiting Fellow at the UNESCO C2C. During her tenure from October 2016 to February 2017, Dr. Sharma was associated with the process of inscription of Kailash Sacred Landscape as a transboundary, mixed World Heritage Site and also with the event 'Celebrating Natural Heritage: In Literature, Arts & Culture' held at WII, Dehradun and Great Himalayan National Park, Himachal Pradesh.

## 2.H

### Internship

As a part of the Centre's mandate, it is important to undertake research on identified priority areas related to Natural World Heritage protection and management, with particular focus on models of community participation. With this goal, post-graduates from reputed institutes and universities are engaged to take up their internship with our centre.

- **Ms. Vaishali Rawat**, B.Sc in Zoology from Delhi University, served as an intern and conducted the event 'Celebrating Natural Heritage: In Literature, Arts & Culture' organised at Wildlife Institute of India and at Great Himalayan National Park, Himachal Pradesh.
- **Mr. Parixit Kafley**, Mr. Pramod Saikia, Mr. Mordecai from the organization Green Hub Assam, worked as interns. The topic for their dissertation was video and photo documentation of Apatani Cultural Landscape in Arunachal Pradesh and Garo Hills Conservation Area in Meghalaya.
- **Ms. Amruta Dhotarkar**, M.A./M.Sc in Disaster Management from Tata Institute of Social Sciences, Mumbai worked as an intern. Her dissertation was on 'Review of World Heritage Sites and Tiger Reserves with special reference to impacts of DRR policy in Western Ghats (Sahyadri Sub-cluster)'.
- **Mr. Partha Das**, M.A./M.Sc in Disaster Management from Tata Institute of Social Sciences, Mumbai worked as an intern. His topic of dissertation was 'A Framework for Strategic Environmental Assessment (SEA) for Kaas Plateau with respect to Tourism'.
- **Mr. Praveen Krishna Bonu**, M.A./M.Sc in Disaster Management from Tata Institute of Social Sciences, Mumbai worked as an intern. His topic of dissertation was 'Retaining the



Outstanding Universal Values of Kaas: Post-World Heritage Site -Inscription for an Eco-Disaster Risk Reduction approach'.

- **Mr. Rishabh Maheshwari**, M.A./M.Sc in Disaster Management from Tata Institute of Social Sciences, Mumbai worked as an intern. His topic of dissertation was 'Traditional

knowledge and its role in Eco-DRR and Biodiversity conservation strategies as adopted by people residing in the vicinity of Sahyadri Tiger Reserve'.

## 2.1

### Training and Workshops attended by C2C Staff

- **Dr. Sonali Ghosh**, IFS and Scientist 'F', UNESCO C2C India attended a landscape governance workshop from 6th-8th July, 2016 organized by ICIMOD in Kathmandu, Nepal. This training-of-trainer's workshop was part of the

series of events for 'Transboundary Landscape Governance-Learning Journey' that seeks inputs from active implementing partners and lead agencies involved in the activities in ICIMOD's trans-boundary landscapes initiatives. The three-day workshop was guided by expert trainers from ICIMOD and Wageningen University-





Centre for Development Innovation. A framework for a future ToT Course package on trans-boundary governance was formulated through participatory mapping and discussion processes during the workshop.

- **Dr. V.B. Mathur**, Director, WII & UNESCO C2C, India participated in the 40th Session of the UNESCO World Heritage Committee Meeting from 13th-17th July, 2016 at Istanbul, Turkey as member of the State Party of India's delegation.
- **Dr. V.B. Mathur**, Director, WII & UNESCO C2C India participated in the IUCN World Conservation Congress in Hawaii, USA in September 2016 and was one of the key speakers of the session on World Heritage Sites for Biodiversity Conservation and Ecosystem based-Disaster Risk Reduction. The session was aimed at further integrating DRR into WHS management at various levels including a possible new approach through Periodic Reporting and cross-sectoral policies.
- **Ms. Persis Farooqy**, World Heritage Assistant, UNESCO C2C, India attended a Capacity Building Workshop on Nature Culture Linkages in Heritage Conservation in Asia and the Pacific from 17th-30th September 2016 in Japan. It was organized by the University of Tsukuba in cooperation with UNSECO World Heritage Centre, IUCN, ICCROM and ICOMOS. The main focus of this workshop was agricultural landscapes which have been defined in the context of the World Heritage List as testimonies of

humanity's interaction with the land, and as unique examples of coexistence and interaction between people and nature. Persis presented the case of Apatani Cultural Landscape which is in India's Tentative List of World Heritage Sites since 2014.

- **Mr. Niraj Kakati**, Technical Officer, UNESCO C2C, India participated in the first Regional Training-of-Trainers on Transboundary Landscape Governance from 25th September – 5th October, 2016 in Chitwan, Nepal. The two-week workshop was supported and conducted by expert trainers from ICIMOD and Wageningen University-Centre for Development Innovation. The ToT included participants from Afghanistan, Bangladesh, Bhutan, China, India, Myanmar, Nepal and Pakistan. The main objective of this learning journey was to strengthen the participant's knowledge on landscape scale dynamics, governance, multi-stakeholder processes and institutional interfaces. The ToT also had a module field-tested in transboundary areas of India (Valmiki Tiger Reserve) and Nepal (Chitwan National Park).
- **Mr. Niraj Kakati**, Technical Officer, UNESCO C2C, India participated as a panelist in the Sustainable Development Summit on “Towards United Nations Sustainable Development Goals” in Guwahati, Assam during 5th-6th December, 2016. It was organized by Institute of Bioresources and Sustainable Development (IBSD), Imphal, Manipur

& North East Development Foundation (NEDF). He was associated with Technical Session on UN SDG 15: Life on Land.

- **Mr. Dhruv Verma, Ms. Poonam Sati and Ms. Persis Farooqy** from UNESCO C2C attended the training programme titled “Education for Sustainable Development (ESD) Leadership

Training”, organized by UNESCO, in collaboration with The Energy and Resources Institute (TERI) from 15–16 February 2017 at New Delhi. The Programme focused on building the capacity of young ESD leaders, and aimed at creating a youth-led ESD network for exchange and collaboration.







# 03

---

## ADVISORY SERVICES

The Centre offers advisory services and technical inputs on World Natural Heritage issues, including for conservation and management of World Heritage Sites, State of Conservation reports, State Party interventions at World Heritage Centre sessions among others to Central and State Governments of India, other countries on request, UNESCO Advisory Bodies and other relevant institutions.

# 03

## ADVISORY SERVICES

3.A

### **Interventions on behalf of State Party of India at 40th Session of the World Heritage Committee Meeting, Istanbul, July, 2016**

The 40th Session of the UNESCO World Heritage Committee (WHC) was held at Istanbul, Turkey from 10th to 20th July, 2016. 21 new inscriptions took place on the World Heritage List, including 12 Cultural, 6 Natural and 3 Mixed Sites. Dr. V. B. Mathur, Director WHI & UNESCO C2C India was a member of the State Party of India's delegation to the WHC and made key interventions during the discussions.



▶ Sandesh Kadur



### 3.B

## Manas State of Conservation Report, December 2016

UNESCO C2C India provided advisory service and technical support to the Forest Department, Government of Assam for preparation of the State of Conservation report of Manas Wildlife Sanctuary, which was submitted to UNESCO World Heritage Centre in December 2016.









# 04

## OUTREACH

A basic objective of the Centre is to raise awareness among the general public and youth, in particular of the importance of natural World Heritage and the need to protect it. This includes development of outreach and communication tools to explain the key concepts and processes of the World Heritage Convention and ensuring all stakeholders are able to make the most effective use of the Convention to support world heritage conservation. The World Heritage Committee also encourages raising awareness of the need to preserve World Heritage and supports the development of educational materials, activities and programmes towards this end.

# 04

## OUTREACH

4.A

### **Celebration of World Heritage Day, 18th April, 2016**

The UNESCO Category 2 Centre on World Natural Heritage Management and Training for Asia and the Pacific Region at Wildlife Institute of India, Dehradun, India celebrated World Heritage Day on its campus on 18th April, 2016 with great enthusiasm by organizing a series of events. With youth as the focus, the event was enriched with the presence of nearly 40 students residing near two UNESCO World Heritage Sites (WHS) of India namely, Nanda Devi & Valley of Flowers National Parks (Uttarakhand) and Great Himalayan National Park

Conservation Area (Himachal Pradesh), as well as from Model School, The National Institute for the Empowerment of Persons with Visual Disabilities, Dehradun. The celebration was focused on raising awareness and exposure of school students. A visit to the Forest Research Institute museum was organized for the students in the morning. A presentation featuring the rationale and background of UNESCO World Heritage Programme with excellent visuals of important World Heritage Sites of the Asia-Pacific region was exhibited. This was followed by a Drawing- Painting Competition on themes related to nature, wildlife, cultural and natural world heritage sites. There was active participation by the students of all the



three schools. An animated motion picture on conservation titled 'Delhi Safari' was also screened for the students. A guided Nature Walk was organised on the Institute campus for the students to enhance their appreciation of nature and its bounty and to encourage them for its preservation. A cultural programme in the evening was also organized, which included folk, classical and popular film songs and dance performances. On this occasion, the second issue of the Natural Heritage E-Bulletin published by the UNESCO C2C was also released [Annexure -10].



#### 4.B

### Celebration of Green Hub Festival in Assam, 14th May, 2016

UNESCO C2C India hosted a session on "World Heritage Sites in Northeast India" on 14th May, 2016 on the occasion of Greenhub Festival, a video documentation centre in Tezpur, Assam. UNESCO C2C was represented by Dr. Sonali Ghosh, Scientist-F and Ms. Jyoti Negi, World Heritage Assistant. Around 100 participants from different organizations such as Forest Department, NGOs, journalists, academicians and film makers participated in the programme. Site representatives of different heritage sites of North East India gave presentations on opportunities and challenges to document the 'OUVs of World Heritage'. Further, a panel discussion was conducted on the topic 'Taking Heritage to the Commons' in which media professionals, NGOs, and academicians provided their inputs [Annexure-11].



4.C

**Annual Coordination Meeting of the UNESCO World Heritage C2C Institutes and Centres (22nd November, 2016)**

The 5th Annual Coordination Meeting of the UNESCO World Heritage related Category 2 Institutes and Centres was hosted by the UNESCO C2C India at Wildlife Institute of India, Dehradun on 22nd November, 2016. This meeting built upon the previous four coordination meetings that took place in 2010 at

Manama, in 2012 at Milan, in 2013 at Oslo and in 2014 at Shanghai. The participation of Dr. Mechtild Rossler, Director, World Heritage Centre and Division for World Heritage, UNESCO Paris along with 19 other representatives from UNESCO's Advisory Bodies, Chairs and Category 2 Centres resulted in very fruitful discussions on building institutional capacity and strategic collaborations to implement Global Sustainable Development Goals and World Heritage Convention priorities by the C2Cs. [Annexure-12].



4.D

**Celebrating Natural Heritage: In Literature, Arts & Culture' (7th-8th & 11th-12th February, 2017)**

UNESCO C2C India, Dehradun, organized a two-venue event as part of an innovative festival titled 'Celebrating Natural Heritage: In Literature, Arts & Culture' on 7th-8th February 2017 at WII

Dehradun and from 11th-12th February at Sairopa, Great Himalayan National Park and Conservation Area, a UNESCO World Heritage Site in Himachal Pradesh. The primary objective of the festival was to reinforce the appreciation of environmental heritage and connection with nature through popular forms of visual and written media, and to bring together various fields of conservationists that seldom interact,

including nature writers, poets, journalists, photographers, filmmakers, travellers, academics and researchers from various backgrounds. This was the first attempt of its kind where a nature-culture linkage through creative writings, poetry and history of the place was being explored. The sub-sessions included plenary talks by distinguished authors and the conservationists on various aspects of nature writing in the mountains, historical perspectives

through illustrations, poetry and texts on evolution of nature conservation, use of audio visual media for nature documentation with special awareness sessions for media and youth. Special guest at the fest was world renowned naturalist and conservationist, Dr George Schaller, and other eminent ecologists, authors, editors, media personalities and poets. The Fest was generously supported by the Himachal Pradesh Forest Department. [Annexure-13].

4.E

### Natural Heritage Bulletin

The Centre publishes a quarterly e-bulletin that is a compilation of news and relevant articles pertaining to Natural World Heritage sites in the Asia-Pacific region. Four issues have been successfully published during 2016-17 viz. Spring, Summer, Monsoon and Winter Issues, including Special Issue on World Heritage Day 2016. The Spring Issue was released on World Heritage Day (April 2016) while the Monsoon Issue was released at the C2C Coordination meeting in Dehradun (November 2016) by Dr. Mechtild Rossler, Director World Heritage Centre, UNESCO Paris. [Annexure NHB A-C]



Inside this Issue:

- FROM THE EDITOR'S DESK
- UNESCO World Heritage Sites
- UN Security Council Resolves for Heritage Protection
- Threats to World Heritage Sites
- International Volunteer Service Partnership Meeting
- China Joins the Paris Party to Save Paris
- International Year of Sustainable Tourism 2017
- Case Studies in Long Bay Biosphere Reserve
- WORLD HERITAGE SITES
- Shri Ram Janaki Temple, Ayazpur, Jammu and Kashmir
- UNESCO activities

UNESCO Category 2 Centres for World Natural Heritage Management and Training for Asia and the Pacific Region, Wildlife Institute of India, Dehradun, India

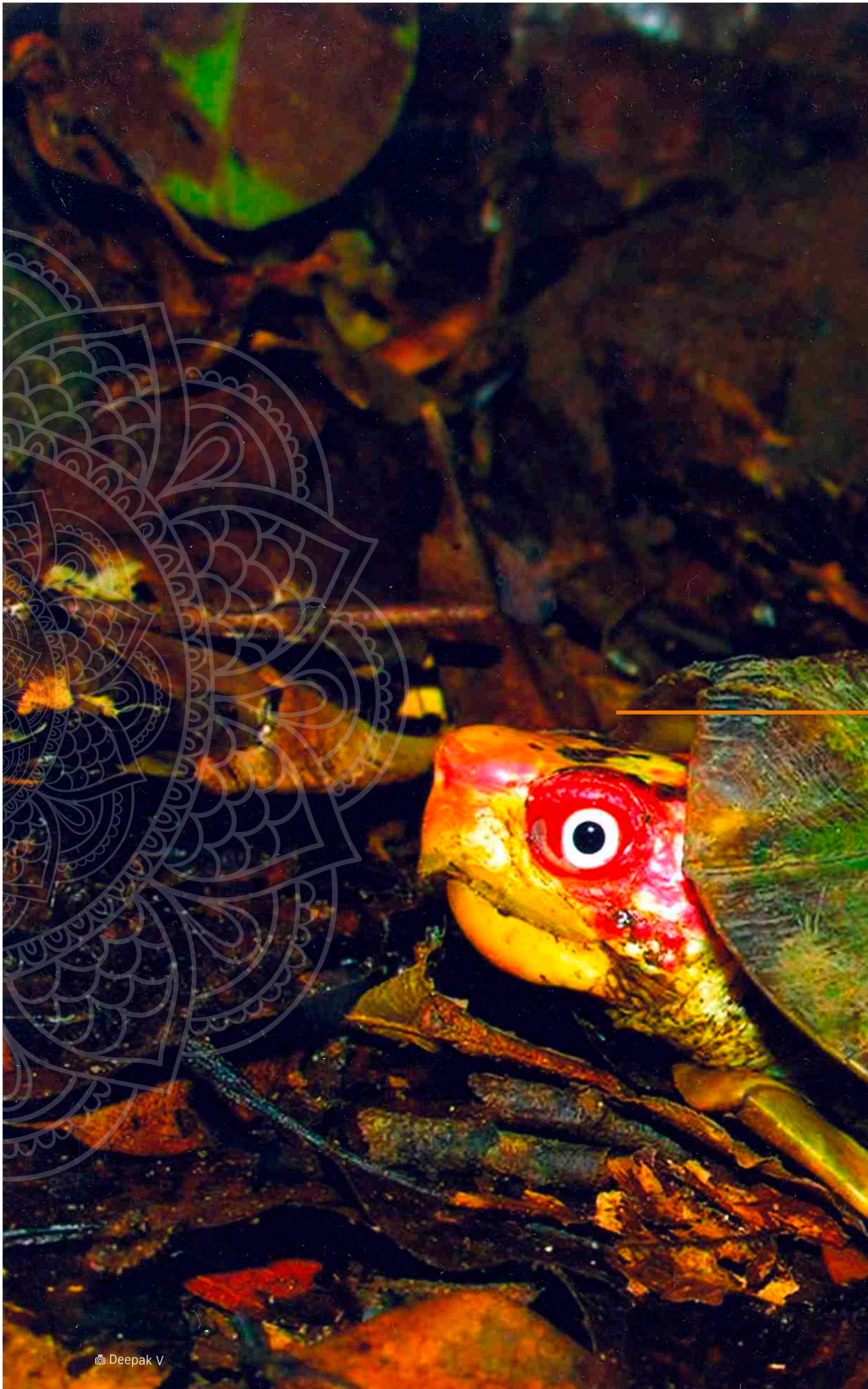
The Natural Heritage Bulletin is a compilation of information on World Natural Heritage Sites in the Asia-Pacific Region which is obtained from field and publicly available sources such as the internet, newspapers and other publications. The publication of the Bulletin does not make any claim on the authenticity of the content of the secondary sources of information. The information does not necessarily represent any official views of the publishing institutions.

Inside this Issue:

- FROM THE EDITOR'S DESK
- UNESCO World Heritage Sites
- UNESCO activities
- Threats to World Heritage Sites
- International Volunteer Service Partnership Meeting
- China Joins the Paris Party to Save Paris
- International Year of Sustainable Tourism 2017
- World Heritage Day
- Challenges for Heritage and Tourism
- International Year of Sustainable Tourism 2017
- World Heritage Day
- UNESCO activities
- WORLD HERITAGE SITES
- Shri Ram Janaki Temple, Ayazpur, Jammu and Kashmir
- UNESCO activities

UNESCO Category 2 Centres for World Natural Heritage Management and Training for Asia and the Pacific Region, Wildlife Institute of India, Dehradun, India

The Natural Heritage Bulletin is a compilation of information on World Natural Heritage Sites in the Asia-Pacific Region which is obtained from field and publicly available sources such as the internet, newspapers and other publications. The publication of the Bulletin does not make any claim on the authenticity of the content of the secondary sources of information. The information does not necessarily represent any official views of the publishing institutions.





# 05

---

## RESEARCH & MONITORING

A function of the Centre is to undertake research on identified priority areas related to natural World Heritage protection and management, including focus on models of community participation. The World Heritage Committee also encourages State Parties to support research, since knowledge and understanding are fundamental to the identification, management and monitoring of World Heritage properties.

# 05

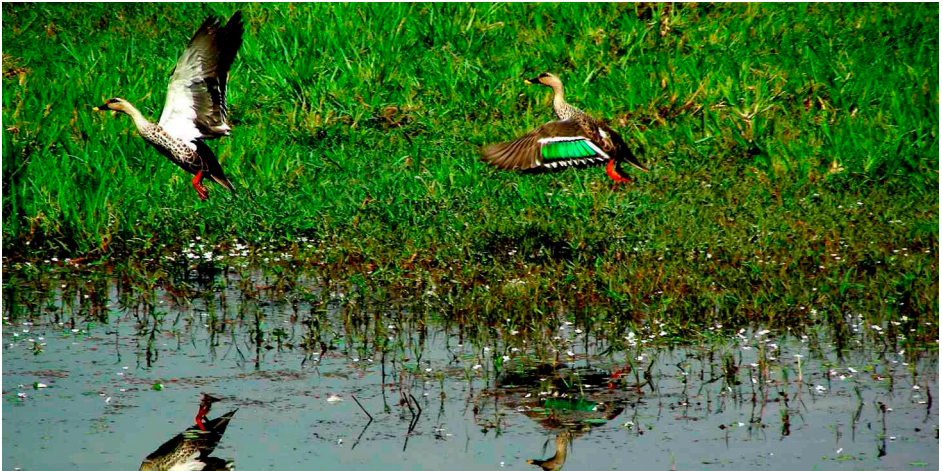
## RESEARCH & MONITORING

5.A

### Water-quality monitoring at Keoladeo National Park, India (25th-29th July, 2016).

Dr. Bhumesh Singh Bhadouria, Technical Officer and Mr. Chitiz Joshi, Assistant Technical Officer, UNESCO C2C, WII undertook a field tour to the Keoladeo National Park and World Heritage Site from 25th-29th July 2016 to monitor the water released from Pachna Dam and Goverdhan canal project. During the visit, a rapid assessment of the entire National Park was conducted for its water management system which has significant bearing on the unique avifauna and aquatic fauna of the site.

© Bhumesh Singh





5.B

### Evaluating the Outstanding Universal Values of Western Ghats (Sahyadri Sub-cluster) for provisioning and regulating ecosystem services in the region

The Sahyadri Tiger Conservation Foundation, Maharashtra is supporting a project on 'Evaluating the Outstanding Universal Values of Western Ghats (Sahyadri Sub-cluster) for provisioning &

regulating ecosystem services in the region' to be implemented by the UNESCO C2C at WII. The Sahyadri Sub-cluster is part of the serial sites of UNESCO's World Heritage Site of the Western Ghats cluster containing four site elements viz. Radhanagiri wildlife Sanctuary, Chandoli National Park, Koyna Wildlife Sanctuary and the Kaas Plateau. It also forms part of the Sahyadri Tiger Reserve that was constituted under the Wildlife (Protection) Act, 1972 in 2007.



 Anukul Nath
 

Studies indicate that biodiversity is an important underlying factor accounting for Ecosystem Services (ES), and today these services in India and other Asian countries are likely to be derived from the more intact ecosystems found in Protected Areas (PAs). Hence, this study was proposed to document and assess the key ecosystem services provided by Western Ghats (Sahyadri sub-cluster) which would be essential towards better management of the site and also for the long-term perpetuity of its Outstanding Universal Values (OUVs). The project was initiated from July 2016 and researchers



from UNESCO C2C undertook their first spell of field work in the Sahyadri during November – January 2016. The project will continue through 2017 [Annexure-14].

## 5.C

### Symbiosis of nature and culture: A case study of Apatani Cultural Landscape (Sep, 2016)

A field visit to Apatani Cultural Landscape in Arunachal Pradesh for 10 days was undertaken by Ms. Persis Farooqy, World Heritage Assistant, UNESCO Category 2 Centre. She was accompanied by two GreenHub fellows - Pramod Saikia and Parixit Kafley for photo and video

 Persis Farooqy
 


documentation under their internship programme. There were two objectives of this tour –

1. To undertake a short term research on nature-culture linkages related to fish-cum-paddy cultivation of Apatani tribe in Ziro Valley.
2. To mentor the GreenHub fellows on their documentation to capture the OUVs of Apatani Cultural Landscape. The outcome of the tour was a research paper titled Symbiosis of nature and culture: A case study of Apatani Cultural Landscape which was submitted to University of Tsukuba, Japan as part of their training in September 2016 and images and videos on fish-cum-paddy cultivation of Apatani tribe in the digital library of UNESCO C2C-WII [Annexure-15].



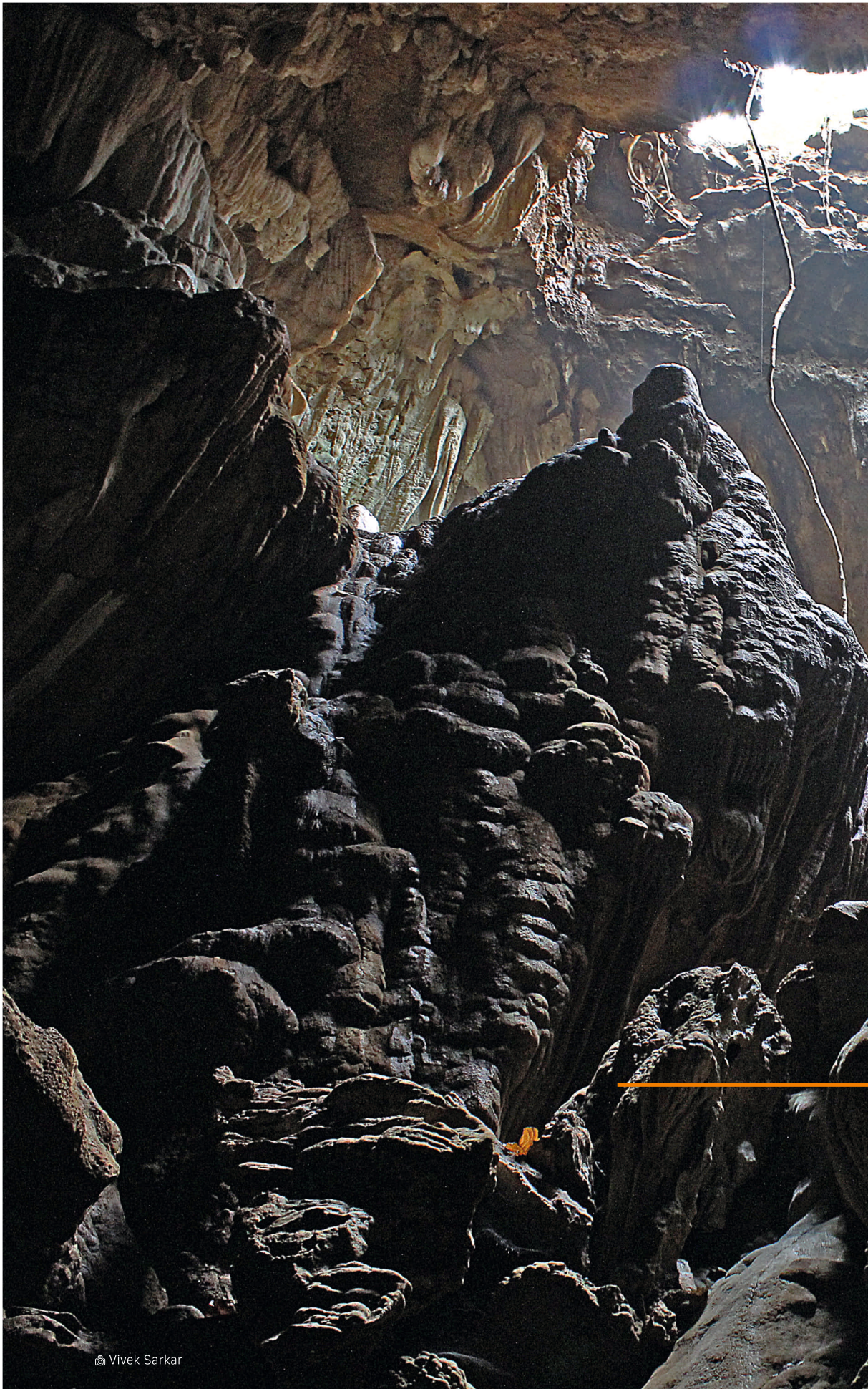
# 06

## COLLABORATIONS

UNESCO C2C India is collaborating with a range of sub-national, national and international institutions and organizations:

- Uttarakhand State Council for Science and Technology (UCOST), Dehradun
- International Centre for Integrated Mountain Development (ICIMOD), Nepal
- Centre for Space Science and Technology Education in Asia and the Pacific (CSSTEAP), IIRS, Dehradun
  - Manipur Forest Department
  - Odisha Forest Department
  - Assam Forest Department
  - Assam State Biodiversity Board
- Indo-US MoU for Natural World Heritage Conservation
  - Green Hub, Tezpur, Assam
- National Disaster Management Authority
- Tata Institute of Social Sciences, Mumbai
- Himachal Pradesh Forest Department
- Maharashtra Forest Department







07

---

ACCOUNTS



# 07

---

## ACCOUNTS

### 1. Accounting Convention

The Financial Statement is prepared on the basis of historical cost convention, unless otherwise stated and on the accrual method of accounting.

### 2. Inventory Valuation

a. Stores and Spares (Including Machinery Spare) are valued at cost.

### 3. Investments

a. Investments classified as “long term investments” are carried at cost.

b. Investment classified as current are carried at lower cost & fair value. Provision for short fall in the value of such investment is made for each investment considered individually and not on a global basis.

c. Cost includes acquisition expenses like brokerage, transfer stamps.

### 4. Fixed Assets

a. Fixed Assets are stated at cost of acquisition inclusive of inward freight, duties & taxes, incidental & direct expenses related to acquisition. In respect of projects involving constructions, related pre operational

(Including interest on loan for specific project prior to its completion), form part of the value of the assets capitalized.

b. Fixed assets received by way of non-monetary grants, (other than towards the corpus fund ) are capitalized at values stated by corresponding credit to capital reserve.

### 5. Depreciation

a. Depreciation is provided on Written Down Value method as per rates specified in the Income Tax Act, 1961.

b. When an asset is discarded or sold or deleted the original Cost is deducted from the Gross Block, the W.D.V. is deducted from the W.D.V. Block and accumulated Depreciation on the asset upto the date of deletion is deducted from accumulated depreciation of the respective block.

c. In respect of addition to/ deduction from fixed assets during the year, depreciation is considered on half yearly basis.

## 6. Miscellaneous Expenditure

Deferred revenue expenditure is written off over a period of 5 years from the year it is incurred.

## 7. Accounting for Sales

Sales include taxes if any, and are net of sales returns, rebate and trade discount.

## 8. Government Grants /Subsidies

- a. Government grants of the nature of contribution towards capital cost are transferred to Capital reserve/ Corpus Fund directly.
- b. Government grants of the nature of contribution towards Revenue cost are transferred to Income & Expenditure account ( to the extent of grant utilized for revenue purpose) and the surplus or deficit after deducting all the expenses is transferred to Grant Fund / Corpus fund.
- c. Government Grants in respect of contribution towards Earmarked / Endowment Funds are directly transferred to the respective fund account.
- d. Government grants / subsidy are accounted on realization basis.

## 9. Foreign Currency Transactions

- a. Transactions denominated in foreign currency are accounted at the exchange rate prevailing at the date of the transaction.
- b. Current assets, foreign currency loans and current liabilities are converted at the exchange rate prevailing at the year end and the resultant gain / loss is adjusted to cost of fixed assets, if the foreign currency liability is related to fixed assets, and in other cases is considered to revenue.
- c. As reported there are no payments on account of foreign travel during the financial year 2016-17



ACCOUNT

**BALANCE SHEET AS ON 31ST MARCH 2017**

(All amounts in Indian ₹)

Particulars	Schedule	Amount	
		2016-17	2015-16
<b>Liabilities</b>			
Grant Fund	A	1,06,23,867.00	2,16,74,432.00
Fixed Asset Capital Fund	B	13,57,450.00	13,46,740.00
General Fund	C	9,16,845.00	3,25,843.00
Current Liabilities		-	-
<b>Total in Rs.</b>		<b>1,28,98,162.00</b>	<b>2,33,47,015.00</b>
<b>Assets</b>			
Gross Fixed Assets	D	13,57,450.00	13,46,740.00
Less : Accumulated Depreciation		8,92,446.00	6,85,912.00
Net Fixed Assets		4,65,004.00	6,60,828.00
Current Assets, Loans and Advances	E	1,24,33,158.00	2,26,86,187.00
<b>Total in Rs.</b>		<b>1,28,98,162.00</b>	<b>2,33,47,015.00</b>
"Significant Accounting Policy & Notes to Account"	G		

"As Per Our Separate Report of Even Date"

For Goyal Bhanot & Co.  
Chartered Accountants

-Sd-

**CA Rajnish Bhanot**

[FCA, PARTNER]

-Sd-

**Rajiv Gupta**

[ Finance Officer]

-Sd-

**Dr. V.B Mathur**

[Director]

Date: 26/05/2017

Place: Dehradun



**INCOME & EXPENDITURE A/C FOR THE YEAR ENDING 31ST MARCH 2017**

PARTICULARS	Amount	Amount
	2016-17	2015-16
<b>INCOME</b>		
By Grants in Aid (from National CAMPA Advisory Council, Government of India )	1,17,24,102.00	1,04,12,367.00 -
By Interest from Bank	7,97,536.00	7,09,138.00
By Miscellaneous Income	-	92,624.00
By Other Grants	23,50,941.00	10,02,370.00
<b>Total in Rs. (A)</b>	<b>1,48,72,579.00</b>	<b>1,22,16,499.00</b>
<b>EXPENDITURE</b>		
To Salaries & Wages		
Scientists	5,96,502.00	15,86,057.00
Office Staff	50,25,876.00	45,40,671.00
To Activity Expenses	48,32,173.00	36,09,104.00
To Operational Expenses	9,39,353.00	7,69,159.00
To Visiting Faculty Expenses	3,30,198.00	-
<b>To Depreciation</b>	<b>2,06,534.00</b>	<b>4,13,626.00</b>
To Expenses on Other Grants	23,50,941.00	10,02,370.00
<b>Total in Rs. (B)</b>	<b>1,42,81,577.00</b>	<b>1,19,20,987.00</b>
Excess of Income Over Expenditure (A-B) Transfer to General Fund	5,91,002.00	2,95,512.00

"As per our foot note on the balance sheet of even date."

For Goyal Bhanot & Co.  
Chartered Accountants

-Sd-

**CA Rajnish Bhanot**

[FCA, PARTNER]

-Sd-

**Rajiv Gupta**

[ Finance Officer]

-Sd-

**Dr. V.B Mathur**

[Director]

Date: 26/05/2017

Place: Dehradun

**SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31ST MARCH 2017****SCHEDULE " A" - GRANT FUND**

Particulars	Amount
	<b>2016-17</b>
	Grants in Aid from National CAMPA Advisory Council, Government of India
Opening balance	1,92,07,145.00
Add: Grants Received during the year	-
Add: Inter transfer	
Less : Transfer to Fixed Asset Capital Fund	(10,710.00)
Less : Transfer to Income & Expenditure Account	1,17,24,102.00
<b>Total in Rs.</b>	<b>74,72,333.00</b>

**SCHEDULE " B" - FIXED ASSET CAPITAL FUND**

Particulars	Amount
	<b>2016-17</b>
Opening Balance	13,46,740.00
Add : Transfer from Grant Fund Account	10,710.00
<b>Total in Rs.</b>	<b>13,57,450.00</b>

-Sd-

**Rajiv Gupta**

[ Finance Officer]

-Sd-

**Dr. V.B Mathur**

[Director]

	Total	Amount
	2016-17	2015-16
Other Grants (Schedule F)		
24,67,287.00	2,16,74,432.00	50,03,174.00
30,35,188.00	30,35,188.00	2,82,06,657.00
	(10,710.00)	(1,20,662.00)
23,50,941.00	1,40,75,043.00	1,14,14,737.00
<b>31,51,534.00</b>	<b>1,06,23,867.00</b>	<b>2,16,74,432.00</b>

Amount
2015-16
12,26,078.00
1,20,662.00
<b>13,46,740.00</b>

**SCHEDULE FORMING PART OF BALANCE SHEET AS ON 31ST MARCH 2017****SCHEDULE " C" - GENERAL FUND**

Particulars	Amount
	<b>2016-17</b>
Opening Balance	3,25,843.00
Add : Transfer from Income & Expenditure Account	5,91,002.00
<b>Total in Rs.</b>	<b>9,16,845.00</b>

**SCHEDULE " D" - FIXED ASSETS & DEPRECIATION**

Particulars	Gross Block			Total
	Balance as on <b>01.04.2016</b>	Addition during the year Before <b>30.09.2016</b>	After <b>30.09.2016</b>	
PLANT & MACHINERY				
Office & Laboratory	5,45,283.00	-		5,45,283.00
COMPUTER & PRINTERS	8,01,457.00	10,710.00		8,12,167.00
<b>Total in Rs.</b>	<b>13,46,740.00</b>	<b>10,710.00</b>	<b>-</b>	<b>13,57,450.00</b>

-Sd-

**Rajiv Gupta**

[ Finance Officer]

-Sd-

**Dr. V.B Mathur**

[Director]

	Amount
	<b>2015-16</b>
	30,331.00
	2,95,512.00
	<b>3,25,843.00</b>

Rate	Depreciation			Net Block	
	Upto <b>31.03.2016</b>	For the Year <b>31.03.2016</b>	Total	Balance as on <b>31.03.2016</b>	Balance as on <b>31.03.2017</b>
15%	1,08,863.00	65,463.00	1,74,326.00	4,36,420.00	3,70,957.00
60%	5,77,049.00	1,41,071.00	7,18,120.00	2,24,408.00	94,047.00
	<b>6,85,912.00</b>	<b>2,06,534.00</b>	<b>8,92,446.00</b>	<b>6,60,828.00</b>	<b>4,65,004.00</b>

**SCHEDULE " E" - CURRENT ASSETS LOANS & ADVANCES**

Particulars		Amount
		2016-17
<b>I</b>	<b>CURRENT ASSETS</b>	
	1) Bank Balances with Scheduled Banks	
	UBI Saving A/c No. 518502010054034	68,02,416.00
	2) TDS [ On Interest on Fixed Deposit F Y 2014-15]	14,424.00
	3) TDS [ On Interest on Fixed Deposit F Y 2015-16]	2,288.00
<b>II</b>	<b>LOANS &amp; ADVANCES</b>	
	1) Advances	
	Building Advance To Central Construction Unit [ Capital Work in Progress ]	50,00,000.00
	2) Forest Advance	31,404.00
	3) Travel Advance	82,626.00
	4) Loan to WII	5,00,000.00
	<b>Total in Rs.</b>	<b>1,24,33,158.00</b>

**SCHEDULE " F" -DETAILS OF OTHER GRANTS**

S. No.	Details of Other Grants	Date of receipt
1	University of Montana - Eco Tourism	22/03/2016
2	GHNP- Conduction Wild Life Training	08/03/2016
3	Orisa Govt. Nomination Dossier of the Bhitarkanika Cons. Area	13/08/2015
		28/12/2015
		22/03/2016
4	Open Standard Workshop	12/04/2016
5	Assam State Biodiversity Board Grant	08/12/2016
6	Director UCOST	30/12/2016
7	Assam State Biodiversity Board Grant	02/06/2016
		07/12/2016
8	Grant - The Sahyadri Tiger Cons Foundation	03/08/2016
		23/09/2016
	<b>Total in Rs.</b>	

-Sd-

**Rajiv Gupta**

[ Finance Officer]

-Sd-

**Dr. V.B Mathur**

[Director]

## Amount

**2015-16**

1,75,05,984.00

14,424.00

2,288.00

50,00,000.00

25,000.00

1,38,491.00

**2,26,86,187.00**

Opening Balance	Amount	Amount Expended	Balance
67,283.00	-	-	67,283.00
18,746.00	-	-	18,746.00
6,99,058.00	-	8,36,288.00	(1,37,230.00)
11,20,000.00	-		11,20,000.00
5,62,200.00	-		5,62,200.00
-	19,888.00	-	19,888.00
	5,68,800.00	4,95,591.00	73,209.00
	4,00,000.00	4,85,614.00	(85,614.00)
	5,00,000.00		5,00,000.00
	5,00,000.00		5,00,000.00
	7,47,500.00	5,33,448.00	2,14,052.00
	2,99,000.00		2,99,000.00
<b>24,67,287.00</b>	<b>30,35,188.00</b>	<b>23,50,941.00</b>	<b>31,51,534.00</b>

**RECEIPTS & PAYMENT A/C FOR THE YEAR ENDING 31ST MARCH 2017**

PARTICULARS	Amount	Amount
	2016-17	2015-16
<b>Receipts</b>		
<b>Balance as on 01.04.2016</b>		
<b>Cash at Bank</b>		
UBI Saving A/c No. 518502010054034	1,75,05,984.00	2,91,367.00
To Grant from Compensatory Afforestation Fund Management and Planning Authority		2,47,37,000.00
To Receipts Other Grants	30,35,188.00	34,69,657.00
To Bank Interest	7,97,536.00	7,09,138.00
To Miscellaneous Receipts	-	92,624.00
<b>Total in Rs. (A)</b>	<b>2,13,38,708.00</b>	<b>2,92,99,786.00</b>
<b>Payments</b>		
<b>By Salaries &amp; Wages</b>		
Scientists	5,96,502.00	15,86,057.00
Office Staff	50,25,876.00	45,40,671.00
By Activity Expenses	48,32,173.00	43,78,263.00
By Operational Expenses	8,83,488.00	-
By Visiting Faculty expenses	3,30,198.00	-
<b>Capital Expenditure from Grant of FY 2015-16</b>		
By Office & Labortary	10,710.00	1,20,662.00
<b>Total carried forward</b>	<b>1,16,78,947.00</b>	<b>1,06,25,653.00</b>
<b>PARTICULARS</b>		
	<b>Amount</b>	<b>Amount</b>
	<b>2015-16</b>	<b>2014-15</b>
Total brought forward	1,16,78,947.00	1,06,25,653.00
By Expenses on Other Grants	23,50,941.00	10,02,370.00
By Loan To WII	5,00,000.00	
By Forest Advance	6,404.00	25,000.00
By Travel Advance	-	1,38,491.00
By TDS [ On Interest on Fixed Deposit]	-	2,288.00
<b>Total in Rs. (B)</b>	<b>1,45,36,292.00</b>	<b>1,17,93,802.00</b>
By Balance (A-B) as on 31 March 2016		
Cash at Bank		
UBI Saving A/c No. 518502010054034	68,02,416.00	1,75,05,984.00

"As per our foot note on the balance sheet of even date."

For Goyal Bhanot & Co. Chartered Accountants

-Sd-

**CA Rajnish Bhanot**

[FCA, PARTNER]

-Sd-

**Rajiv Gupta**

[ Finance Officer]

-Sd-

**Dr. V.B Mathur**

[Director]

Date: 26/05/2017

Place: Dehradun



# C2C TEAM



Dr. V.B. Mathur  
Director



Dr. Sonali Ghosh, IFS,  
Scientist-F



Dr. Manoj Nair, IFS,  
Scientist-F



Dr. Malvika Onial  
Scientist-E



Mr. Niraj Kakati  
Technical Officer



Dr. Bhumesh Singh  
Technical Officer



Dr. Chitiz Joshi  
Asst. Technical Officer



Mr. Anukul Nath  
Asst. Technical Officer



Mr. Dhruv Verma  
World Heritage Assistant



Ms. Persis Farooq  
World Heritage Assistant



Ms. Rupa  
World Heritage Assistant



Ms. Jyoti Negi  
World Heritage Assistant



Ms. Shilpi  
World Heritage Assistant



Mr. Kehar Singh  
Administrative Officer



Mr. Rajeev Thapa  
IT Officer



Mr. Rajiv Gupta  
Finance Officer



Mrs. Poonam Sati  
Office Assistant



Mr. Vivek Sarkar  
Project Biologist



Ms. Shalini Sharma  
Visiting Fellow



Ms. Mamatha Prasad  
Project Fellow



Mr. Nazrul Islam  
Project Fellow



Ms. Preeti Sharma  
Project Fellow



Ms. Surabhi Walavalkar  
Project Fellow

*For further information,  
please contact :*

**UNESCO Category 2 Centre,**  
Wildlife Institute of India,  
Chandrabani, Dehradun - 248001, Uttarakhand

Tel: +91-135 2646297/298/293,  
Fax: +91-135 2640117  
Email : [contact.c2cindia@wii.gov.in](mailto:contact.c2cindia@wii.gov.in)