

# STUDENT CONFERENCE ON CONSERVATION SCIENCE - BENGALURU

<http://sccs-bng.org/>



## 2016 CONFERENCE REPORT



COMPILED BY  
SCCS 2016 Organizing Committee

SCCS is strengthening the careers of young conservation scientists around the world

with events in Cambridge, Bengaluru, New York, Brisbane, Beijing and Hungary

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## OVERVIEW

The Student Conference on Conservation Science (SCCS) – Bengaluru 2016 was held from September 21st - 24th, bringing together students and young researchers in the science and practice of biodiversity conservation. SCCS first originated in Cambridge 16 years ago. The first SCCS sister conference began in Bengaluru, moving on to become an annual event since 2010. Today, there are SCCS sister conferences the world over in Beijing, Brisbane, New York and Tihany.

SCCS-Bengaluru facilitates interaction, encourages exchange of research ideas and methods, sharing of knowledge and experience related to conserving wildlife and helps build contacts and capacity. Our geographic focus is countries from Africa, South and South-East Asia. This year, we had 350 participants with 15 foreign participants from 5 countries. The largest contingent of foreign participants was from Sri Lanka.

The conference was a four-day affair, with Day 1, 2 and 4 featuring short workshops (14:00-16:30) and Day 3 featuring long workshops (09:00 to 16:00), with additional new sessions on 'Careers in Conservation' and 'Birds of Feather'. The 'Conservation through Films' session was extremely powerful in bringing conservation issues, challenges and on-going efforts to the forefront. More details about these sessions are below. SCCS 2016 was inaugurated by Professor R. Sukumar, Centre for Ecological Sciences at the India Institute of Science. We had 6 plenary talks, 15 student talks, 70 student posters, and 44 workshops this year. Bird, Tree and Loris walks were conducted early in the morning and late evenings and were extremely popular with the conference participants.

SCCS-Bengaluru is unique in that it is organized by a consortium of institutions and supported by a much wider set of institutions and individuals. This model has enabled us to run the conference efficiently, to control costs and draw upon a wide and diverse range of expertise and resources.

Study locations of SCCS 2016 participants (Map to be inserted)

## PLENARY TALKS

Our plenary speakers this year were

(a) **Anindya Sinha**, who is currently a Professor at the National Institute of Advanced Studies in Bangalore and Senior Scientist at the Nature Conservation Foundation in Mysore, talked about the socioecology of Bonnet Macaques in an anthropogenic world;

(b) **Palagummi Sainath**, introduced everyone to People's Archive of Rural India - the only digital platform dedicated solely to the Indian countryside;

(c) **Annu Jalais**, Professor of South Asian Studies at the National University of Singapore, talked about her interactions with islanders in the Sunderbans;

(d) **Harini Nagendra**, from the Azim Premji University, elucidated the existing knowledge and challenges for conservation in urban India;

(e) **Amita Baviskar**, an Associate Professor of Sociology at the Institute of Economic Growth, Delhi, provoked everyone to think about how we do conservation in the backdrop of the Indian political economy and global conservation history; and

(f) **Ritwick Dutta**, an eminent environmental lawyer, opened everyone's eyes to the harsh realities and challenges in legal processes for wildlife conservation in India

Videos of these plenary talks will be made available online on the [SCCS-Bengaluru YouTube Channel](#).



## ABSTRACT SUBMISSION AND REVIEW

We received 89 abstract submissions from students. Each abstract was evaluated by at least three external reviewers. We selected 85 abstracts for the conference that were assessed to be of fairly good quality. Of these, we selected 15 from diverse locations and fields to be presented as student talks, while the remaining were selected for student poster presentations.

The list of abstract reviewers is given later in this report. We sincerely thank them for their help and support with this process.

## STUDENT PRESENTATIONS

We continued with the tradition of having a single talk session (no parallel sessions) at a time with 15 minutes allotted for each student talk. Students gave presentations on a variety of topics, including density and feeding patterns of leopards in the urban Mumbai setting, distribution of Royle's Pika in scenarios of changing climatic conditions, human-wildlife conflict in different contexts and impact of migratory livestock grazing in the Trans-Himalayas on vegetation and wild herbivores. While these are highlights of talks on research by Indian students, talks by students from



Sri Lanka, Papua New Guinea, Benin, and Nepal were also scheduled. Jayamini Jayawardhane from Sri Lanka elaborated on the effects of restoration activities on the regeneration of native plant species and found that diversity and densities of seedlings of woody plants was greater in the restored Pine plantations in comparison to sites with Pine monocultures. Dzarina Susuke from Papua New Guinea investigated the traditional knowledge that exists in the local communities with regards to Cassowary birds and if their role as seed dispersers was known. Although most of the interviewed men knew about the cultural relevance of Cassowaries, very few were aware of their importance as seed dispersing agents. There were 70 student posters on display on different interesting topics such as the whistle characteristics of Indian Ocean Humpback Dolphins, bird species richness and abundance in conventional, organic and native-shade-tree tea plantations and seasonal polyphenism in the Common Evening Brown Butterfly. List of all [student talks](#) and [student posters](#) can be accessed on our website.



## Student Talks



A student in the audience asking a question to the presenter



Student Poster sessions

## PUBLIC ENGAGEMENT AT SCCS 2016

Increasing public awareness about conservation issues is a mainstay of the conference -- and an important way in which it differs from other conferences. The evening plenary talks by P. Sainath, Harini Nagendra and Ritwick Dutta were open to the public. These talks were announced widely through posters within Bengaluru and also on social media.

We screened four short films - 'Demon or Deity?' by Kalyan Varma and 'Wild Seve' by IoraPro on Day 1 and 'Latana camara' by Tariq Thekaekara and 'The Race to Save the Amur Falcon' by Ramki Sreenivasan and Shekar Dattatri on Day 4. These powerful, 20-minute films brought challenging conservation issues to the forefront. Topics ranged from challenges in elephant conservation in a landscape that experiences extremely frequent human-elephant interactions, investigation into the large congregations and slaughter of Amur Falcons in Nagaland and the campaign launched to save them, experiences of the forest department staff at Bandipur Tiger Reserve in dealing with the widespread invasive – *Lantana camara* and WCS's Wild Seve conservation intervention project to assist communities living around Bandipur

and Nagarhole National Parks who experience crop damage and livestock predation by wild animals.

These sessions were open to public and were followed-up by Q&A sessions with the film-makers.

This year again, SCCS was extremely active on social media -- Facebook and Twitter. Shakthi Sritharan, who participated in the Who's Who session at SCCS, took charge of keeping various social media forums updated with live conference feeds.

Vrushal Pendharkar, an independent science reporter, participated in SCCS and put together a short write-up of each day's activities (see Appendix).



## WHO'S WHO IN CONSERVATION

The Who's Who in Conservation session provides a platform for conservation agencies including NGOs, research institutions and university departments to showcase their work. This session provides an opportunity for conference participants to learn about the work of these agencies as well as discuss possible career opportunities and collaborative work.

This year, we had 19 Who's Who participants, with a mix of conservation action groups, a crowd-funding platform, NGOs, magazines and research institutions:

1. BitGiving



2. Wildlife Research & Conservation Society
3. Wild Otters
4. Shen - Snow Leopard Enterprises, part of Nature Conservation Foundation
5. Turtle Survival Alliance – India
6. Equitable Tourism Options (EQUATIONS)
7. Nature Conservation Foundation
8. Foundation for Ecological Security
9. Ravi Sankaran Fellowship
10. Wildlife SOS
11. Madras Crocodile Bank Trust/ Centre for Herpetology
12. SPROUTS Environmental Trust
13. Dakshin Foundation
14. Ashoka Trust for Research in Environment and Ecology (ATREE)
15. Current Conservation
16. Raptor Research & Conservation Foundation
17. Wildlife Conservation Society
18. Royal Society for Protection of Birds
19. Greenpeace India



Who's Who in Conservation at SCCS 2016

## WORKSHOPS

The skill-based and capacity building workshops offered at SCCS have always been the highlight of the conference. This year we had 13 long workshops, and 31 short workshops. Long workshops were held from 09:00 - 16:00 on Day 3 of SCCS, while the short workshops were conducted from 14:00 - 16:30 on the remaining three days.

We made it a point to have at least one open workshop (that did not require prior registration by participants) every day, with no cap on the number of participants.

In order to expand the range of workshops offered at SCCS, we ensured that there was a wider call for workshop proposals on our website as well as social media handles. Twenty two workshops were new this year and conducted for the first time and have been highlighted in the list of workshops on the following pages.

A majority of the workshops received tremendous positive feedback from participants. An overwhelming 88% of participants found that attending workshops of their choice enhanced their understanding of the subject and/or equipped them with additional skill sets.



What's behind a scientific article?      Field Experiments in plant ecology research



Improving conservation outcomes  
through multi-stakeholder engagement

Conservation story-telling with  
images

S. No.	SHORT WORKSHOPS	RESOURCE PERSONS
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1	Tools to identify and mitigate the impact of linear infrastructure on wildlife and wildlife habitat <b>NEW</b>	Shashank Srinivasan
2	Observational study of animal behaviour & its importance for animal conservation	Nishant M.S, Shreekanth Deodhar and Samira Agnihotri
3	Use of non-invasive techniques to understand the conservation physiology of free-ranging animals <b>NEW</b>	Sanjeeta Sharma Pokharel and Sukesh Bhupathi
4	Improving conservation outcome through multi-stakeholder engagement <b>NEW</b>	Supriya Jhunjhunwala and Aaron Lobo
5	Making effective presentations	Yateendra Joshi
6	Elements of effective study design	Kavita Isvaran and Advait Edgaonkar
7	Writing Grants & Fellowships in Ecological Sciences <b>NEW</b>	Sabuj Bhattacharyya and Monica Kaushik
8	The sea, the beach, the endlessness of the oceans & all that lives within <b>NEW</b>	Elrika D'souza, Murali M, Dipani Sutaria, Naveen Namboothri and Vardhan Patankar
9	Finding Common Ground: Landscape Architecture-Planning & Conservation Sciences <b>NEW</b>	Peeyush Sekhsaria, Mohan Rao and Swati Sahasrabudhe
10	Conservation story-telling with images	Kalyan Varma
11	Language & Ecology - Communicating Nature Through Local Languages	P. Jeganathan and S. Theodore Baskaran
12	Understanding personality traits in animal species and its applications in wildlife conservation <b>NEW</b>	V. V. Binoy and Sindhu Radhakrishnan
13	Publishing in Open Access journals - Tools & tips to find quality OA journals <b>NEW</b>	Leena Shah
14	Introduction to basic photography	Prasenjeet Yadav
15	Applications of molecular phylogenetics in conservation biology	Praveen Karanth
16	'Data entry' as an academic	Nachiket Kelkar and Aniruddha

	process: basics of data management and organization	Marathe
17	Why and how of primate census & survey techniques <b>NEW</b>	Rishi Kumar and Narayan Sharma
18	Field experiments: a tool in plant ecology research <b>NEW</b>	Atul Joshi, Priyanka Runwal and Yadugiri V.T.
19	Culling: Beyond the sound and fury <b>NEW</b>	Nimesh Ved and Imran Siddique
20	Crowdfunding 101: The BitGiving Way <b>NEW</b>	Prarthana Gupta
21	Introducing QGIS for wildlife research <b>NEW</b>	Swati Saini
22	What's behind a scientific article? What can sociological/ethnographical studies tell us about how we write scientific papers & think about our science?	Pankaj Sekhsaria, John Matthew, Hari Sridhar and Madhuri Ramesh
23	Mobile Field Data Collection using OpenDataKit (ODK)	Shashank Srinivasan
24	Trust, Instinct, Common sense: Managing people & teams	Gopakumar Menon and Vena Kapoor
25	Thinking Quantitatively	Suhel Quader
26	Why and how: basic methods of primate behavioural research <b>NEW</b>	Narayan Sharma and Rishi Kumar
27	The challenge of coordinating conservation for Asia's Critically Endangered Vultures. Lessons and application for other conservation examples	Chris Bowden
28	Designing an Effective Ecological Study <b>NEW</b>	Ghazala Shahabuddin and Rajkamal Goswami
29	Advocacy and Conservation : Working with the Press and approaches to spur conservation action	Neha Sinha and Ritwick Dutta
30	The power of Oral Stories as a strong medium of conservation <b>NEW</b>	Vikram Sridhar
31	Thinking about ethics in	Anindya Sinha and Naveen

conservation research and Namboothri  
practice **NEW**

S. No.	LONG WORKSHOPS	RESOURCE PERSONS
1	Study design in ecology and conservation	Advait Edgaonkar and Kavita Isvaran
2	Advanced conservation genetics	Shomita Mukherjee, Subhankar Chakraborty and Vishnupriya Kolipakam
3	Occupancy sampling, modelling and estimation: what, why & how? <b>NEW</b>	Devcharan Jathanna, Divya Vasudev and Varun Goswami
4	Introduction to Statistics <b>NEW</b>	Anne Theo
5	Four ways to tell a science story using your smartphone <b>NEW</b>	Pavithra Sankaran
6	Animal handling & basic taxonomy of amphibians & reptiles <b>NEW</b>	Varad Giri
7	Freshwater fish conservation: concepts, techniques & strategies	V.V.Binoy, Rajeev Raghavan, Nilesh Dhanukar and Umesh Katwate
8	Bird Ringing for Science & Conservation	Farah Ishtiaq
9	How R you doing? Using the R platform for managing & analyzing ecological datasets	Raman Kumar
10	Basics of regression analysis <b>NEW</b>	Suhel Quader
11	Conservation & the qualitative social sciences	Nitin Rai, Annu Jalais, Rohini Chaturvedi and Arshiya Bose
12	'Data entry' as an academic process: basics of data management and organization	Nachiket Kelkar and Aniruddha Marathe
13	The nitty-gritty of writing & presenting research	Yateendra Joshi



## NEW AT SCCS 2016

### CAREERS IN CONSERVATION

This year we organised a new hour-long moderated panel discussion, open to the public, on careers in conservation. Our hope was to introduce students to the diversity of careers that exist and to give them the opportunity to interact with invited panelists who work and contribute to different aspects of conservation. The invited panellists interacted with students and spoke to them about their career choices, how they came to choose it, and the learning from their current jobs including the challenges they face. For students who are mostly ecologists and conservation biologists early in their academic careers, we had hoped that this session would enable them to think beyond the traditional research-related careers.

Our panel on the day consisted of Leo Saldana, an environmental lawyer with the Environment Support Group; Aditi Chanchani of Equations, an organisation working on equitable and sustainable tourism; Karthikeyan S, Chief Ecologist and Nature Educator with the Jungle Lodges and Resorts, Karnataka; Arshiya Bose a conservation entrepreneur with Black Baza Coffee Company and Pavithra Sankaran who heads Communication, Outreach and Fundraising with the Nature Conservation Foundation.

Some of the initial feedback from the participants was that while this session was useful it required more time since it was an interactive session and therefore in the future may be useful as a long workshop format instead of a short panel discussion.



Interactive Q&A session with the panelists

## BIRDS OF A FEATHER SESSION

Based on feedback from previous years, this year on Day 1 (21st, Wednesday) of SCCS - 2016 we had a dedicated networking session called "Birds of a Feather". This session was meant as an icebreaker and to provide space and time for networking with other participants and resource people working in the participant's area of interest.

We identified in advance a few broad conservation themes, which allowed for participants and resource people to group together during this session.

We also wanted to encourage and facilitate participants with specific research ideas/interests to submit their own topics and meet each other and forge collaborations. We also encouraged participants to use SCCS-Bengaluru's Facebook and Twitter handles to form their own interest groups and pose research queries and interests.

A number of conservation scientists attend SCCS every year and we also encouraged their participation during this session.

Some of the proposed conservation themes for the Birds of a Feather Session were:  
Human- Wildlife Conflict

Community Ecology and Biogeography  
Behavioural Ecology  
Population Ecology & Wildlife Management  
Conservation Genetics  
Landscape ecology, Remote sensing and GIS  
Social sciences & Political ecology  
Conservation Education and Outreach  
Marine Conservation

Again, this session was well received but from feedback we gathered that this session also required a bit more structure and time and we hope we can plan for this next year.



Birds of feather, flock together

## COLLABORATIVE EVENTS AT SCCS 2016

### Ravi Sankaran - Inlaks Fellows' Meet - 20th September 2016

A one-day meeting was organized to get the recipients of the Ravi Sankaran Inlaks fellowship since 2010 to meet each other, discuss their work and their ideas about conservation and to interact with senior conservation practitioners. This meeting was held at the National Centre for Biological Sciences, Bengaluru, just ahead of SCCS and was attended by 15 Ravi Sankaran Inlaks fellows.

The meet was split into 2 sessions: the morning session (10am to 3pm) consisted of a Science Communication workshop delivered by Ms Harini Barath, Programme Manager for Science Communication at IndiaBioscience; the afternoon session (3:30pm to 5pm) was dedicated to a focused discussion on the fellows' vision for the future of the RS-Inlaks Fellowship.



Group photo of attendees and resource person at RS-Inlaks fellows meet

## NATURE WALKS AT SCCS 2016

### BIRD WALKS

Birding sessions took place on the IISc campus on mornings of Day 2 and 3 during SCCS. This green patch with avenues of May Flower (*Delonix regia*), Rain Tree (*Samanea saman*) and Mahogany (*Swietenia mahogany*) is a haven for birds, especially as we reach the winter season and migrants arrive from further north. Finding some of these migrants was the focus for the 50 students, armed with binoculars, who

joined leaders Ramit Singal, Pronoy Baidya and Mike Prince over three mornings. Everyone was very grateful for the well-tuned ears of the leaders, for in the often drizzly weather it proved much easier to hear birds than see them!

The Greenish Warblers that were heard and seen each day had freshly arrived here from their breeding grounds in the NW Himalayas and beyond into Europe. A similar looking bird caused the leaders some excitement on the second day when they pointed out the different song of a Large-billed Leaf Warbler, a bird that should be wintering in the Western Ghats and not in central Bangalore! For most of the visiting birders some of the resident birds put on the best displays however, and everyone was treated to fine views of barbets, bulbuls, sunbirds and white-eyes and, probably the highlight, a lovely singing Tickell's Blue Flycatcher.

All the birds seen were logged in the bird recording platform eBird, which provides a repository of currently more than 4 million bird sightings across India to support conservation efforts. The lists from the three mornings can be viewed at <http://ebird.org/ebird/india/view/checklist/S31700962>, <http://ebird.org/ebird/india/view/checklist/S31713333> and <http://ebird.org/ebird/india/view/checklist/S31726520>.

## TREE WALK

The primary aim of the tree walk organised by Navendu Page on the second day of SCCS was to get the participants familiar with the process of tree identification or more precisely the process of distinguishing one species from the other, and without getting bogged down by the intimidating glossary of botanical terms and Latin names. In an hour long walk, 15 participants with varied backgrounds walked through a small part of IISc campus looking at all different species of trees that they encountered along the way. Taking a slightly different approach from a conventional tree walk, this walk focused on giving the participants a slightly different perspective of looking at trees, and give them some tips they will find useful to distinguish different plant species not just in IISc but any place inhabited by trees.

## LORIS WALKS

On behalf of Urban Slender Loris Project (USLP) 'Loris walk' was conducted during 2nd and 3rd day of SCCS . USLP is a citizen science initiative to map out the current



and past distribution of lorises and also study their ecology in an urban setup. The loris walks during SCCS-2016 was conducted inside IISc campus along the roadside.

40 participants each day split into two groups were headed by the core team members of USLP. A good number of lorises were spotted, also heard the loris calls at various levels of the walk on both the days of the walk.

Five USLP core team members lead these walks including Soumya K V, Harshitha, Hari Prakash, Vidisha Kulkarni, Poornima. Purpose of the walk was to familiarise the participants with the elusive nocturnal creature that is found within the IISc campus.



Early risers on Day 2 - all enthusiastic to learn about trees in the IISc campus



Happy faces of SCCS participants post-Loris walks on Day 2 and Day 3

## WEBSITE

In an effort to go paperless, everything from participant registration, abstract submission and review, to workshop registration was done online via the [SCCS website](#).

This year too we received positive feedback on two key website features - the reviewer dashboard and workshop organiser dashboard which was designed as part of the website feature.

The former allowed abstract reviewers to sign into the website to view and score abstracts assigned to them. The latter allowed workshop organisers to view the participants registered for their workshops and gave them the ability to upload resource materials as well as email the registered participants directly.

## WASTE MANAGEMENT

Being a conservation conference, we ensure that we reduce the waste that we generate and manage our waste responsibly.

Any left-over food from lunch and dinner on the conference days was distributed to the V-CARE Hospital staff (R.T Nagar, Bengaluru).

All the presenters, participants and volunteers were given the option and highly encouraged to opt for e-certificates this SCCS. This initiative was positively received and many opted for e-certificates. We also requested all participants to return the plastic pouches and lanyards from their nametags, to be reused at next year's conference.

## **STUDENT AWARDS (need to confirm this info with Abishek)**

Evaluators chose three noteworthy/exceptional talks and three poster presentations. They took cognizance of different attributes of the study including academic rigour, enterprise of the researcher, novelty of the research, the background in which the research was conducted and potential impact the research may have on conservation research, practice and/or its discourse – all-important factors that go into making conservation research relevant and important in the real world. The above criteria were provided as pointers and not as a prescriptive list; referees decided amongst themselves what attributes they thought were important, based on the presentations they evaluated.

Additionally, referees were also requested to provide written/online feedback to each individual presenter ranging from their presentation style, the quality of their science, research and conservation recommendations, and the improvements they suggested.

All talks were evaluated by a single panel, while different groups of referees evaluated posters in different themes.

Abishek Harihar from the Organising Committee coordinated the entire process.

## **TALK AND POSTER AWARD WINNERS**

Exceptional talks and Shivarama Karanth Conservation Award winners:  
Abhishek Goshal, Nikit Surve and Rutuja Chitra-Tarak.

Exceptional posters and Shivarama Karanth Conservation Award winners:  
Isha Bopardikar, Chayant Gonzales and Sridhar Halali.

Cash prizes were awarded to the winners. These were sponsored/contributed by Dr. Krithi Karanth by in the name of late Mr. Shivaram Karanth.



A student receiving an award in the exceptional talks category

Awards for exceptional student posters

## FUNDING AND SPONSORSHIPS

SCCS-Bengaluru is developing long-term relationships with many of its donors and is glad to be supported by a diverse set of institutions and individuals. The finances for SCCS 2016 were managed by Nature Conservation Foundation, Asian Nature Conservation Foundation, Foundation for Ecological Security, National Centre for Biological Sciences and Indian Institute of Science.

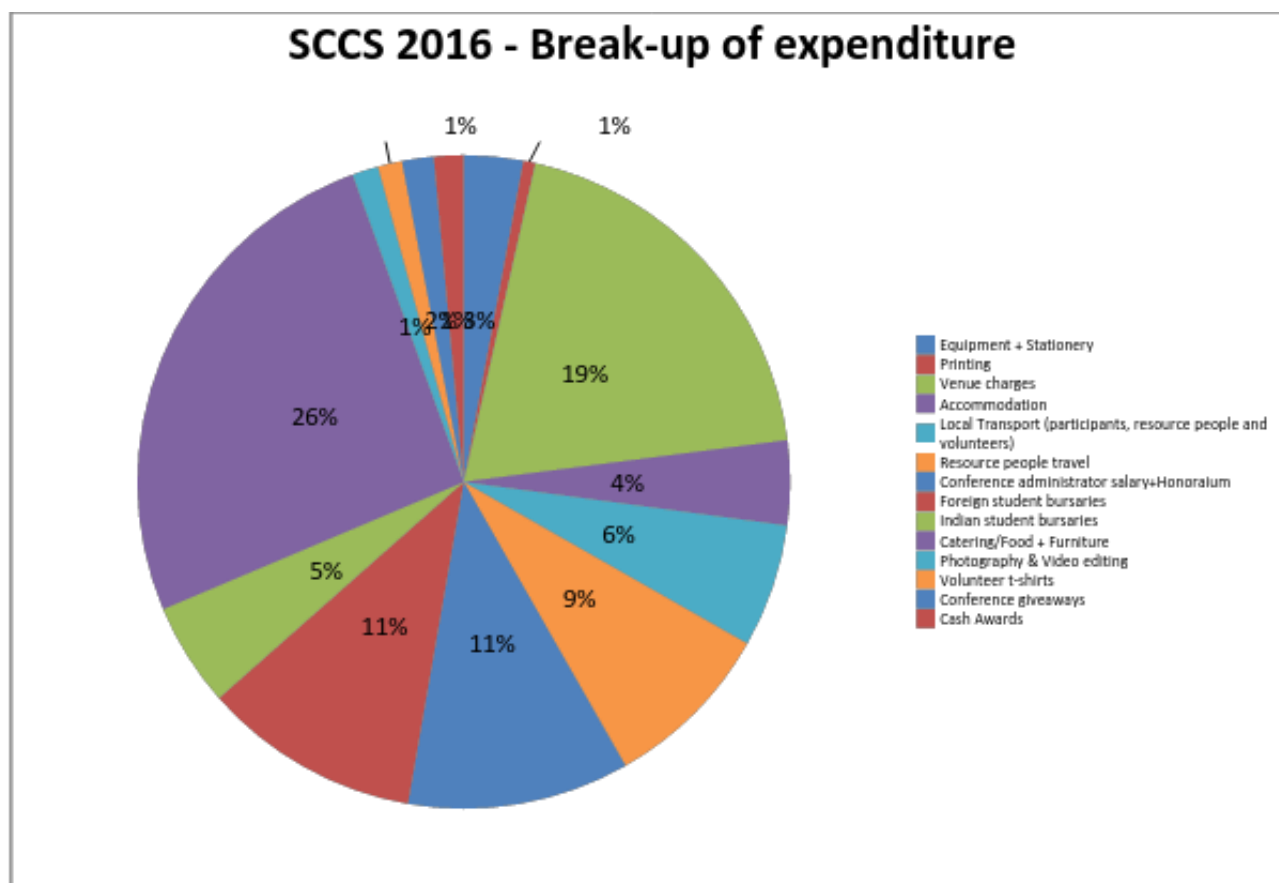
A pie chart below gives the break-up of expenditure we had incurred to conduct the conference. We gratefully acknowledge the financial support we received from the donors listed below.

1. AMM Foundation
2. Wildlife Conservation Trust
3. Wildlife Trust of India
4. National Centre for Biological Sciences
5. Greenpeace India
6. Ashoka Trust for Research in Ecology and Environment
7. Royal Norwegian Embassy
8. Foundation for Ecological Security
9. Nature Conservation Foundation
10. Duleep Matthai Nature Conservation Foundation
11. Bombay Natural History Society of India
12. Inlaks India Foundation
13. Ravi Sankaran Foundation
14. World Wildlife Fund
15. Royal Society for the Protection of Birds
16. Indian Institute of Sciences
17. Krithi Karanth

18. Aroon Raman
19. Dakshin Foundation

We gratefully acknowledge in-kind support from the following individuals and organisations:

1. Prasenjeet Yadav – Photography
2. Shakthi Sritharan – Social media during conference
3. Former SCCS Organising Committee members – Hari Sridhar, Janhavi Joshi and V.V. Robin
4. Indian Academy of Sciences - Hostel facilities
5. Centre for Ecological Sciences (IISc), National Centre for Biological Sciences, Nature Conservation Foundation, Ashoka Trust for Research in Ecology and Environment, Dakshin Foundation, National Institute for Advanced Studies, St. Joseph's College (Bangalore), Bangalore University – Volunteers



(Pie chart: need to recheck E+S head; for now 60k added as the amount for NCBS expenditure – poster boards + equipment hired)



## BURSARIES

With the support of our donors, the conference provided partial travel reimbursements to student presenters to attend the conference from their hometowns. This year SCCS has supported 43 Indian students and 15 foreign students to attend the conference.



## PEOPLE BEHIND THE CONFERENCE

The seventh edition of SCCS was largely successful due to excellent assistance and support of key people.

We were supported by a fairly large team of 60 volunteers from institutions located in Bengaluru (ATREE, BUB, CES, IISc, Dakshin Foundation, NCBS, NIAS, NCF & SJC). Our volunteers were vital as in previous years for the efficient running of the conference and their names are listed later in this report.

## CONFERENCE TEAM

### Organising Committee:

R Sukumar (Lead Organiser, Centre for Ecological Sciences, Indian Institute of Science)

Kavita Isvaran (Centre for Ecological Sciences, Indian Institute of Science)

Ravi Chellam (Greenpeace & Asian Nature Conservation Foundation & Madras Crocodile Bank Trust)

Tarsh Thekaekara (The Shola Trust)

Vena Kapoor (Nature Conservation Foundation)

Arshiya Bose (Black Baza Coffee Co.)

Abishek Harihar (Panthera)

### **Administrative and Support team:**

Priyanka Runwal (Conference Administrator)

S. Nirmala (Centre for Ecological Sciences, Indian Institute of Science)

Bhavya S (National Centre for Biological Sciences)

K. P. Pandian (National Centre for Biological Sciences)

Thomas George (Foundation for Ecological Security)

Neeraj Tripathi (Foundation for Ecological Security)

M. O. Sriram (Asian Nature Conservation Foundation)

Shivanandana Lakshmanan (Greenpeace India)

Anandan Govindarajan (GR Infotech)

### **Advisory Committee:**

1. M.D. Madhusudan (Nature Conservation Foundation)
2. Suhel Quader (Nature Conservation Foundation)
3. Kartik Shanker (Centre for Ecological Sciences, Indian Institute of Science)
4. Firoz Ahmed (Aaranyak)
5. Asad Rahmani (Bombay Natural History Society)
6. Ghazala Shahabuddin (Researcher and Consultant in Biodiversity; Senior Fellow, Centre for Ecology, Development and Research (CEDAR))

7. Krithi Karanth (Associate Conservation Scientist, Wildlife Conservation Society (USA))
8. Mewa Singh (Mysore University)
9. Advait Edgaonkar (Indian Institute of Forest Management)
10. Asmita Kabra (Ambedkar University Delhi)
11. Nitin Rai (Ashoka Trust for Research in Ecology and the Environment)
12. Rhys Green (SCCS - Cambridge)
13. V.B. Mathur (Wildlife Institute of India)
14. Ravi Bhalla (Foundation for Ecological Research, Advocacy and Learning)
15. Uma Ramakrishnan (National Centre for Biological Sciences)
16. Sejal Worah (WWF-India)
17. Gopi Sundar (International Crane Foundation and Nature Conservation Foundation)
18. K.V. Devi Prasad (Head, Dept. of Ecology and Environmental Sciences, Pondicherry University)
19. Kamal Bawa (University of Massachusetts & Ashoka Trust for Research in Ecology and the Environment)
20. Shomita Mukherjee (Sálim Ali Centre for Ornithology and Natural History, Coimbatore)

### **Working Groups:**

#### **Plenaries Working Group**

1. Krithi Karanth
2. M D Madhusudan
3. Nitin Rai
4. Tarsh Thekaekara
5. Arshiya Bose

#### **Talks and Posters Working Group**

1. Hari Sridhar
2. Navendu Page
3. Nikita Zacharia
4. Advait Edgaonkar
5. Maria Thaker
6. Kavita Isvaran
7. Abishek Harihar
8. Priyanka Runwal

### **Workshops Working Group**

1. Krishnapriya Tamma
2. Kartik Shanker
3. Kavita Isvaran
4. Marianne Manuel
5. Jayashree Ratnam
6. Arshiya Bose
7. Priyanka Runwal

### **Finance Working Group**

1. Smita Prabhakaran
2. Suhel Quader
3. V. V. Robin
4. Ravi Chellam
5. Tarsh Thekaekara

### **Food Working Group**

1. Rakhee Karumbaya
2. Priyanka Runwal
3. Tarsh Thekaekara

## **WORKSHOP RESOURCE PERSONS**

- |   |                   |    |                      |
|---|-------------------|----|----------------------|
| 1 | Aaron Lobo        | 37 | Sindhu Radhakrishnan |
| 2 | Advait Edgaonkar  | 38 | Suhel Quader         |
| 3 | Anindya Sinha     | 39 | Sukesh Bhupathi      |
| 4 | Aniruddha Marathe | 40 | Supriya Jhunjhunwala |

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6	Annu Jalais	42	Swati Saini
7	Arshiya Bose	43	V. V. Binoy
8	Atul Joshi	44	Varad Giri
9	Chris Bowden	45	Vardhan Patankar
10	Devcharan Jathanna	46	Varun Goswami
11	Dipani Sutaria	47	Vena Kapoor
12	Divya Vasudev	48	Hari Sridhar
13	Elrika D'souza	49	John Mathew
14	Farah Ishtiaq	50	Kalyan Varma
15	Ghazala Shahabuddin	51	Kavita Isvaran
16	Gopakumar Menon	52	Leena Shah
17	P. Jeganathan	53	Madhuri Ramesh
18	Pankaj Sekhsaria	54	Mohan Rao
19	Pavithra Sankaran	55	Monica Kaushik
20	Peeyush Sekhsaria	56	Murali M
21	Prarthana Gupta	57	Nachiket Kelkar
22	Prasenjeet Yadav	58	Narayan Sharma
23	Praveen Karanth	59	Naveen Namboothri
24	Priyanka Runwal	60	Neha Sinha
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27	Raman Kumar	63	Nitin Rai
28	Rishi Kumar	64	Vikram Sridhar
29	Rohini Chaturvedi	65	Vishnupriya Kolipakam
30	S. Theodore Baskaran	66	Yadugiri V T
31	Sabuj Bhattacharyya	67	Yateendra Joshi
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33	Sanjeeta Sharma Pokharel	69	Neelesh Dahanukar
34	Shashank Srinivasan	70	Unmesh Katwate
35	Shomita Mukherjee	71	Imran Siddique
36	Shreekanth Deodhar		

## ABSTRACT REVIEWERS

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### TALKS

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VineetVideos

Bhargav Shandilya – Video Editing

## **OTHER SUPPORT**

1. Bird walks at IISc – Mike Prince, Ramit Singal, Pronoy Baidya
2. Loris walks at IISc – Urban Slender Loris Project Team: Soumya K V, Hari Prakash, Harshitha, Poornima and Vidisha
3. Tree walk at IISc – Navendu Page
4. Careers in Conservation session– Aditi Chanchani, Arshiya Bose, Karthikeyan Srinivasan, Leo Saldana, Pavithra Sankaran, Vena Kapoor and Robin V.V.
5. Conservation Stories through Films session– Krithi Karanth, Prakash Matada, Nikhil Velpanur, Kalyan Varma, Prasenjeet Yadav, Sumant, Ramki Sreenivasan, Shekar Dattatri, Tariq Thekaekara

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## **CONFERENCE FEEDBACK**

Post-conference online feedback submission was received via our website: [sccs-bng.org/feedbacks/new](http://sccs-bng.org/feedbacks/new)

88% of the participants found the scheduling of the conference to be ‘just right’, while the remaining 12% found it ‘too packed’.

We asked if there any specific topic participants would like to see covered at future SCCS conferences? Some of the suggestions we received were:

In plenaries:

1. Conservation in the era of global climate change
2. Conservation of flora
3. Conservation ethics, philosophy
4. Conservation education

In workshops:

1. Evolutionary ecology
2. Wildlife trade
3. Conservation outreach – using illustrations, field-guides, coffee-table books

Majority of the conference participants thought the food was excellent.

We asked participants to rate the 2016 conference overall, based on general organisation, volunteer support, food, access, venue, and accommodation. 63% of the respondents loved the conference, while the remaining 37% thought it was 'all right'.

Finally, we asked participants to rate the 2016 conference in comparison to previous SCCS-Bengaluru conferences, in terms of general organisation, volunteer support, food, access, venue, and accommodation. 10% found that it was much better this year, 59% thought it was similar to previous conference, while the remaining attended SCCS for the first time this year.



## **SCHEDULE**

### **DAY 1- 21<sup>st</sup> SEPTEMBER 2016**

8:00 - 9:00	<b>BREAKFAST &amp; REGISTRATION</b>
9:00 - 9:20	<b>INAUGURAL CEREMONY</b>
9:20 - 10:20	<b>TECHNICAL PLENARY 1 - ANINDYA SINHA</b> The Weed Macaques: Uniquely Adaptable but Ultimately Threatened?
10:20 - 11:10	<b>BIRDS OF A FEATHER</b>
11:10 - 11:30	<b>TEA BREAK</b>
11:30 - 13:00	<b>STUDENT TALKS SESSION 1 - J. N. TATA AUDITORIUM</b> <b>T1</b> • Impact of Nitrogen pollution on macroalgal C:N:P and nutrient cycling by intertidal sediments: An experimental study in Kinvarra Bay, Ireland <b>MANASWI RAGHURAMA</b> <b>T2</b> • Friend or foe: Understanding ecological impacts of fire in a tropical dry deciduous forest of Mudumalai tiger reserve, Western Ghats <b>SATYAM VERMA</b> <b>T3</b> • Royle's Pika in a Changing Climate: Insight from Distribution Dynamics <b>SABUJ BHATTACHARYYA</b> <b>T4</b> • Impact of migratory livestock grazing on rangeland vegetation and wild-prey of snow leopard in the Indian Trans-Himalaya <b>ABHISHEK GHOSHAL</b> <b>T5</b> • Being a large raptor in a rapidly changing megacity: Urban Ecology of Black Kite <i>Milvus migrans</i> in Delhi <b>URVI GUPTA</b>
13:00 - 14:00	<b>LUNCH</b>
14:00 - 16:30	<b>SHORT WORKSHOPS</b> <ul style="list-style-type: none"> <li>• Conservation story-telling with images  <b>KALYAN VARMA • J.N. TATA AUDITORIUM</b></li> <li>• Elements of effective study design  <b>ADVAIT EDGAONKAR, KAVITA ISVARAN • CHOKSI HALL</b></li> <li>• Finding Common Ground - Landscape Architecture-Planning and Conservation Sciences  <b>PEEYUSH SEKHSARIA, MOHAN RAO, SWATI SAHASRABUDHE • SEMINAR HALL C</b></li> <li>• Improving conservation outcomes through multi-stakeholder engagement  <b>SUPRIYA JHUNJHUNWALA, AARON LOBO • CISTUP CLASSROOM</b></li> <li>• Making effective presentations  <b>YATEENDRA JOSHI • KSCST</b></li> <li>• Observational study of animal behaviour and its importance for animal conservation  <b>NISHANT M. S., SHREEKANTH DEODHAR, SREEDHAR VIJAYAKRISHNAN, KARPAGAM CHELIAH, SAMIRA AGNIHOTRI • CES SEMINAR HALL</b></li> <li>• The sea, the beach, the endlessness of the oceans, and all that lives within  <b>ELRIKA D'SOUZA, MURALI M., DIPANI SUTARIA, NAVEEN NAMBOOTHRI, VARDHAN PATANKAR • SEMINAR HALL B</b></li> <li>• Tools to identify and mitigate the impact of linear infrastructure on wildlife and wildlife habitat  <b>SHASHANK SRINIVASAN • LOTKA-VOLTERA LAB</b></li> <li>• Use of non-invasive techniques to understand the conservation physiology of free-ranging animals  <b>SANJEETA SHARMA POKHAREL, SUKESH BHUPATHI • CISTUP SEMINAR HALL</b></li> <li>• Writing Grants and Fellowships in Ecological Sciences  <b>SABUJ BHATTACHARYYA, MONICA KAUSHIK • SEMINAR HALL A</b></li> </ul>
16:30 - 16:50	<b>TEA BREAK</b>
17:00 - 17:40	<b>CONSERVATION STORIES THROUGH FILMS</b> Elephant Conflict + WildSeve
17:40 - 19:00	<b>POPULAR PLENARY 1 - PALAGUMMI SAINATH [OPEN TO PUBLIC]</b> The People's Archive of Rural India - Conserving the countryside in the digital age
19:00 - 20:00	<b>DINNER</b>

**DAY 2- 22<sup>nd</sup> SEPTEMBER 2016**



7:00 - 7:45	<b>BIRD WALK</b>
7:00 - 8:00	<b>TREE WALK</b>
8:00 - 9:00	<b>BREAKFAST &amp; REGISTRATION</b>
9:00 - 10:00	<b>TECHNICAL PLENARY 2 - ANNU JALAIS</b> Doing Anthropology in the Anthropocene
10:00 - 11:30	<b>STUDENT TALKS SESSION 2 - J. N. TATA AUDITORIUM</b>
	<b>T6</b> • Strigidae Realty- A comparative study of nesting characteristics of 3 sympatric owls <b>AKSHAY VINOD ANAND</b>
	<b>T7</b> • Investigation of traditional ecological knowledge and conservation of Cassowary (Casuaris): Taking on a bio-cultural approach <b>DZARINA JAIZEBEL SUSUKE</b>
	<b>T8</b> • Cetaceans of Sindhudurg: Using multiple channels to study cetaceans in Southern Maharashtra <b>MIHIR SUNEEL SULE</b>
	<b>T9</b> • A preliminary study on the dynamics of fishing gears operated along the Andaman coast: Implications for sustainability <b>ISHAAN NARENDRA KHOT</b>
	<b>T10</b> • Restoration Success: Natural Regeneration in Pine Plantations <b>JAYAMINI JAYAWARDHANE</b>
11:30 - 11:50	<b>TEA BREAK</b>
11:50 - 13:00	<b>WHO'S WHO IN CONSERVATION</b>
13:00 - 14:00	<b>LUNCH</b>
14:00 - 16:30	<b>SHORT WORKSHOPS</b>
	• Applications of molecular phylogenetics in conservation biology <b>PRABEEN KARANTH • CISTUP SEMINAR HALL</b>
	• Crowdfunding 101: The BitGiving Way <b>PRARTHANA GUPTA • AR AUDITORIUM, MECHANICAL ENGINEERING DEPT.</b>
	• Culling: Beyond the sound and fury <b>NIMESH VED • J.N. TATA AUDITORIUM</b>
	• 'Data entry' as an academic process: basics of data management and organization <b>ANIRUDDHA MARATHE, NACHIKET KELKAR • CHOKSI HALL</b>
	• Field experiments: a tool in plant ecology research <b>ATUL JOSHI, PRIYANKA RUNWAL, YADUGIRI V. T. • SEMINAR HALL C</b>
	• Introduction to basic photography <b>PRASENJEET YADAV • SEMINAR HALL A</b>
	• Language and Ecology – Communicating Nature Through Local Languages <b>P. JEGANATHAN, S. THEODORE BASKARAN • LOTKA-VOLTERA LAB</b>
	• Understanding personality traits in animal species and its applications in wildlife conservation <b>V. V. BINOY, SINDHU RADHAKRISHNAN • CES SEMINAR HALL</b>
	• Publishing in Open Access journals - Tools and tips to find quality OA journals <b>LEENA SHAH • CES CLASSROOM</b>
	• Why and how of primate census and survey techniques <b>NARAYAN SHARMA, RISHI KUMAR • SEMINAR HALL B</b>
16:30 - 16:50	<b>TEA BREAK</b>
16:50 - 18:00	<b>STUDENT POSTER SESSION 1</b>
	<b>A01</b> • Why should we conserve sacred natural sites : A case study from Odisha • <b>ANTARYAMI PRADHAN</b>
	<b>A02</b> • Importance of parks in urban landscape to host biodiversity: A preliminary study • <b>PROSENJIT DAWN</b>
	<b>A03</b> • Conservation through spoken word, storytelling, performance art and community building • <b>CHANDRAKANT P. REDICAN</b>
	<b>A04</b> • Assessing the sustainability of farming in Keylong, Lahaul Valley of Indian Cold Desert • <b>KAUR HARPREET</b>
	<b>A05</b> • Mystic <i>Myristica</i> Swamps (Old natural methods which will be a new trend in forest water purification • <b>AMIT ANANT EGDE</b>



**DAY 2- 22<sup>nd</sup> SEPTEMBER 2016**

**16:50 - 18:00 STUDENT POSTER SESSION 1**

- A06** • Allometric biomass equations for *Rhododendron arboreum* at juvenile stage • **RANA BAHADUR B. K.**
- A07** • A protocol to determine propagation criterion for medicinal plants; case study with *Abutilon indicum* • **AMALI UPEKSHA WELGAMA**
- A08** • Fungal Herbarium and Collection Centre at TFRI: A step towards conservation of fungal diversity of Central India • **MUKUR GANGULY**
- A09** • Size, sex, male maturity, and length – weight relationships for four commercially important sharks landed in Porbandar, Gujarat, India • **ALISSA JOAN BARNES**
- A10** • Significance of cloud forests in Lookandura estate, Deltota for conservation of endemic bird species in Sri Lanka • **NIROSHANA SAMARASINGHA**
- A11** • Developing strategies to conserve birds in small towns and neighborhood through diversity studies and maintenance of species specific habitat • **MUKUL PREMCHAND PANDEY**
- A12** • Bird habitat protection through training and education in orphanages and schools • **PREETI LALBAHADUR KORI**
- A13** • Observations on the captive incubation and rearing of Narrow-Headed Softshell Turtle, *Chitra indica* (Gray 1830) in Uttar Pradesh, India • **ARUNIMA SINGH**
- A14** • Influence of anti-poaching operation on occurrence of illegal activities in Chitwan National Park, Nepal • **DIPAK MAHATARA**
- A15** • Physical verification of navigability and characteristics of Creeks and Canals of Chulkaithi Forest Blocks of Indian Sundarbans • **DEVSENA ROYCHAUDHURY HARSH**
- A16** • Could we trust home gardens for the conservation of local agrobiodiversity? An evidence from Benin, West Africa • **RODRIGUE CASTRO GEEDOMON**
- A17** • Living on the edge: The life of Forest Owlet in Nandurbar District in Northern Maharashtra • **SHUBHADEEP MUKHERJEE**
- A18** • Environmental Impacts on avian diversity and its conservation of an urbanizing area, Bhubaneswar, Odisha, India - a proposed study • **BIBHU PRASAD PANDA**
- A19** • Effect of selective logging on non-volant small mammal assemblages in a tropical forest in Arunachal Pradesh, North-east India • **SENAN D'SOUZA**
- A20** • Patterns and drivers of landscape fragmentation in Banni grasslands, Gujarat, India • **OVEE HARISHCHANDRA THORAT**
- A21** • Understanding impacts of habitat modification on breeding biology of Great Hornbills (*Buceros bicornis*) in Southern Western Ghats, India • **POOJA YASHWANT PAWAR**
- A22** • Human-Leopard Conflict - a case study of a leopard (*Panthera pardus fusca*) named Chamundi • **KUSHAL N.**
- A23** • FairWild in India: Realities of NTEP Certification • **MALLIKA SARDESHPANDE**
- A24** • Medicinal Plants Trade: Experiences from South India • **SUMA TAGADUR SURESHCHANDRA**

**18:00 - 19:00 POPULAR PLENARY 2 - HARINI NAGENDRA [OPEN TO PUBLIC]**

Hiding in plain sight: urbanization, the new frontier for conservation

**19:00 - 20:00**

**DINNER**

**19:30 - 21:00 LORIS WALK**



**DAY 3- 23<sup>rd</sup> SEPTEMBER 2016**



7:00 - 7:45	<b>BIRD WALK</b>
8:00 - 9:00	<b>BREAKFAST &amp; REGISTRATION</b>
9:00 - 11:30	<b>LONG WORKSHOPS</b> <ul style="list-style-type: none"> <li>• Advanced conservation genetics SHOMITA MUKHERJEE • LOTKA-VOLTERRA LAB</li> <li>• Animal handling and basic taxonomy of amphibians and reptiles VARAD GIRI • SEMINAR HALL B</li> <li>• Basics of regression analysis SUHEL QUADER • AR AUDITORIUM, MECHANICAL ENGINEERING DEPT.</li> <li>• Bird Ringing for Science &amp; Conservation FARAH ISHTIAQ</li> <li>• Conservation and the Qualitative Social Sciences NITIN RAI • J.N. TATA AUDITORIUM</li> <li>• 'Data entry' as an academic process: basics of data management and organization NACHIKET KELKAR • CHOKSI HALL</li> <li>• Freshwater fish conservation: concepts, techniques and strategies V. V. BINOY • SEMINAR HALL C</li> <li>• Four ways to tell a science story using your smartphone PAVITHRA SANKARAN • SEMINAR HALL A</li> <li>• How R you doing? Using the R platform for managing and analyzing ecological datasets RAMAN KUMAR • CISTUP SEMINAR HALL</li> <li>• Introduction to Statistics ANNE THEO • CES SEMINAR HALL</li> <li>• Occupancy sampling, modelling and estimation: what, why, and how? DEVCHARAN JATHANNA • HIGH VOLTAGE ENGINEERING SEMINAR HALL</li> <li>• Study design in ecology and conservation ADVAIT EDGAONKAR • CES CLASSROOM</li> <li>• The nitty-gritty of writing and presenting research YATEENDRA JOSHI • KSCST</li> </ul>
11:30 - 11:50	<b>TEA BREAK</b>
11:50 - 13:00	<b>LONG WORKSHOPS</b>
13:00 - 14:00	<b>LUNCH</b>
13:00 - 14:00	<b>LONG WORKSHOPS</b>
16:30 - 16:50	<b>TEA BREAK</b>
16:30 - 16:50	<b>STUDENT POSTER SESSION 2</b> <p>B01 • Seasonal polyphenism the butterfly <i>Melanitis leda</i>: Importance of environmental cues for predicting the seasonal change and adopting phenotype • SRIDHAR SHASHIDHAR HALALI</p> <p>B02 • Study of Lifespan of Butterfly Adult Stages in Captive Environment • ANANYA SARKAR</p> <p>B03 • Observation of mating of butterflies from various aspects within a butterfly enclosure • PRAMITA ROY</p> <p>B04 • A study on roosting behaviours in butterflies • AISWARYA VIJAYAN NAIR</p> <p>B05 • Investigation of air-conditioning mechanism inside a termite mound from an interdisciplinary point of view • RANAJIT DAS</p> <p>B06 • Prevalence and determinants of stereotypic behaviours and physiological stress among tigers and leopards in Indian Zoos • JANICE VAZ</p> <p>B07 • Leaping into Citylights! : First Description of Vocal behaviour of <i>Microhyla cf ornata</i>, a diminutive Anuran from New Delhi • SRIGYAN MEGHA</p> <p>B08 • Whistle characteristics of Indian Ocean humpback dolphins • ISHA SHEKHAR BOPARDIKAR</p> <p>B09 • Thermoregulation, microhabitat use and activity budget of an endemic lizard (<i>Salea horsfieldii</i>) in the wattle-infested high elevation grasslands in Nilgiris • CALEB DANIEL</p> <p>B10 • Mandaitivu and adjacent areas in Jaffna, Sri Lanka: a refuge for an array of rare migratory bird species • PACKIYANATHAN RAJKUMAR</p>

**DAY 3- 23<sup>rd</sup> SEPTEMBER 2016**



**16:50 - 18:00 STUDENT POSTER SESSION 2**

- B11** • Which habitat type is most suitable for spiders? An exploration in Upper Hanthana mountain area, Central Sri Lanka • **DILAN CHATHURANGA**
- B12** • Not our cup of tea: effect of conventional, organic, and native-shade tea plantations on rainforest birds in the Western Ghats • **CHAYANT GONSALVES**
- B13** • Habitat quality determines fine scale tiger occurrence in multi-use forests in Nepal • **KESHAV GHIMIRE**
- B14** • A study of distribution and abundance patterns of birds across land-use types in Delhi • **MEGHNA JOSHI**
- B15** • Assessing the presence of three large carnivores in human-use landscapes of western Maharashtra • **IRAVATEE DHANANJAY MAJGAONKAR**
- B16** • Dry Season Spatial Distribution Patterns of Asian elephant *Elephas maximus* and its determinants in Sambalpur Elephant Reserve, Central India • **S. ASHISDAN FRANCIS ISHMAEL**
- B17** • A new record and habitat characteristic of critically endangered toad, *Leptophryne cruentata* in Mount Ciremai National Park, West Java, Indonesia • **SANDY LEO**
- B18** • Otters in fish farms: Resource selection of Smooth coated otters in and around Coringa Wildlife Sanctuary • **LEELA PRASAD NADENDLA**
- B19** • Exploring the Subansiri: Fish assemblages and the habitat variables influencing them • **SUTANU SATPATHY**
- B20** • Forest fire prediction modeling in Terai Arc landscape: a prospective for tiger conservation in India • **AMIT KUMAR VERMA**
- B21** • Chhaya Rann wetland complex of Porbandar, Gujarat: A review on the status of water bird population • **DHAVALKUMAR CHANABHAI VARAGIYA**
- B22** • Population size, density and conservation implications of near threatened grizzled giant squirrel (*Ratufa macroura*) at Chinnar Wildlife Sanctuary, Western Ghats • **KIRAN THOMAS**
- B23** • Assessment of Intra-population genetic diversity in *Ficus religiosa* L. from Pune city using ISSR markers • **SNEHA SADANAND JOSHI**

**18:00 - 19:00 POPULAR OPEN PANEL DISCUSSION: CAREERS IN CONSERVATION**

**19:00 - 20:00**

**DINNER**

**19:30 - 21:00 LORIS WALK**



**DAY 4- 24<sup>th</sup> SEPTEMBER 2016**



7:00 - 7:45	<b>BIRD WALK</b>
8:00 - 9:00	<b>BREAKFAST &amp; REGISTRATION</b>
9:00 - 10:00	<b>TECHNICAL PLENARY 3 - AMITA BAVISKAR</b> Conservation research and politics in the Anthropocene
10:00 - 11:30	<b>STUDENT TALKS SESSION 3 - J. N. TATA AUDITORIUM</b>
	<b>T11 • Fish community nestedness and species immigration-extinction dynamics in disturbed tropical freshwater streams of Central India</b> <b>ROHITASHVA SHUKLA</b>
	<b>T12 • Deep rooted trees are more vulnerable to extreme drought in a dry tropical forest</b> <b>RUTUJA CHITRA TARAK</b>
	<b>T13 • Role of dependency change, volatile market and lack of accessibility in shaping the Amla (Gooseberry) population structure</b> <b>HARISHA RANGANAHALLI PUTTAHARIYAPPA</b>
	<b>T14 • Life in a metro for large carnivore. Density and feeding patterns of leopards in Sanjay Gandhi National Park, Mumbai, India</b> <b>NIKIT SANJAY SURVE</b>
	<b>T15 • Factors governing the spatial density and distribution of Asiatic lions (<i>Panthera leo persica</i>) in Western Gir PA</b> <b>KESHAB GOGOI</b>
11:30 - 11:50	<b>TEA BREAK</b>
11:50 - 13:00	<b>STUDENT POSTER SESSION 3</b>
	<b>C01 • Community of invertebrates exploiting fallen ripe fruit resources in a tropical grove • SOURABH BISWAS</b>
	<b>C02 • Community structure, phenology and diurnal activity of butterflies along the railway line in Bhagwan Mahavir Wildlife Sanctuary • DHEERAJ SHASHIDAR HALALI</b>
	<b>C03 • Community structure and Resource Partitioning in Freshwater Turtles of the Terai Landscape, India • ANUJA JOSEPHINE MITAL</b>
	<b>C04 • Comparative study of butterfly communities at Ujung Kulon National Park and Baluran National Park, Java, Indonesia • DEVITA OLYVIANA PUTRI</b>
	<b>C05 • Frog abundance and diversity along an elevation gradient on Mt. Michael, Papua New Guinea • DILLIAN NASON</b>
	<b>C06 • A preliminary study of avifaunal diversity at the foothills of Barail Wildlife Sancturay of Assam (India) • SIMANTA PATHAK</b>
	<b>C07 • A comparative analysis of stream fish community structures of two ecoregions of India: role of environmental &amp; human factors • RUBINA MONDAL</b>
	<b>C08 • Factors governing the insect- herbivore diversity of <i>Jatropha nana</i> : an endemic, threatened species • ASHISH NERLEKAR NITIN NERLEKAR</b>
	<b>C09 • First report of the presence of frog-biting mosquitoes and their interactions with anurans of Sri Lanka • BHAGYA PRASHADINI KUMARI HERATHALISSA JOAN BARNES</b>
	<b>C10 • Patterns of spatial and temporal interactions in a sympatric wildlife assemblage of the Indian Trans-Himalaya • SUHRIDAM ROY</b>
	<b>C11 • The Richness of Herpetofauna Community in Mount Honje Ujung Kulon National Park, Indonesia Forest Edge • INTAN NURAZIZAH</b>
	<b>C12 • Long-term monitoring of tropical insect communities: lessons for rapid biodiversity assessment • FREERK MOLLEMAN</b>
	<b>C13 • Assessment of Moth Diversity of Southern Western Ghats region of India • SHASHI BHUSHAN MISHRA</b>
	<b>C14 • Diversity patterns of mollusks in the natural and restored mangroves of Coringa Wildlife Sanctuary, Andhra Pradesh • PAROMITA RAY</b>
	<b>C15 • Diversity of herpetofauna along an elevation gradient in Mount Ciremai National Park, Indonesia • ANGGUN AIYLA NOVA</b>
	<b>C16 • Influence of wetland location and other variables on abundance of selected waterbird species in freshwater wetlands of Palwal District, Haryana • ADITYA SINGH CHAUHAN</b>
	<b>C17 • Summarising camera trapping efforts in Pakke Tiger Reserve • CHANDAN RI</b>

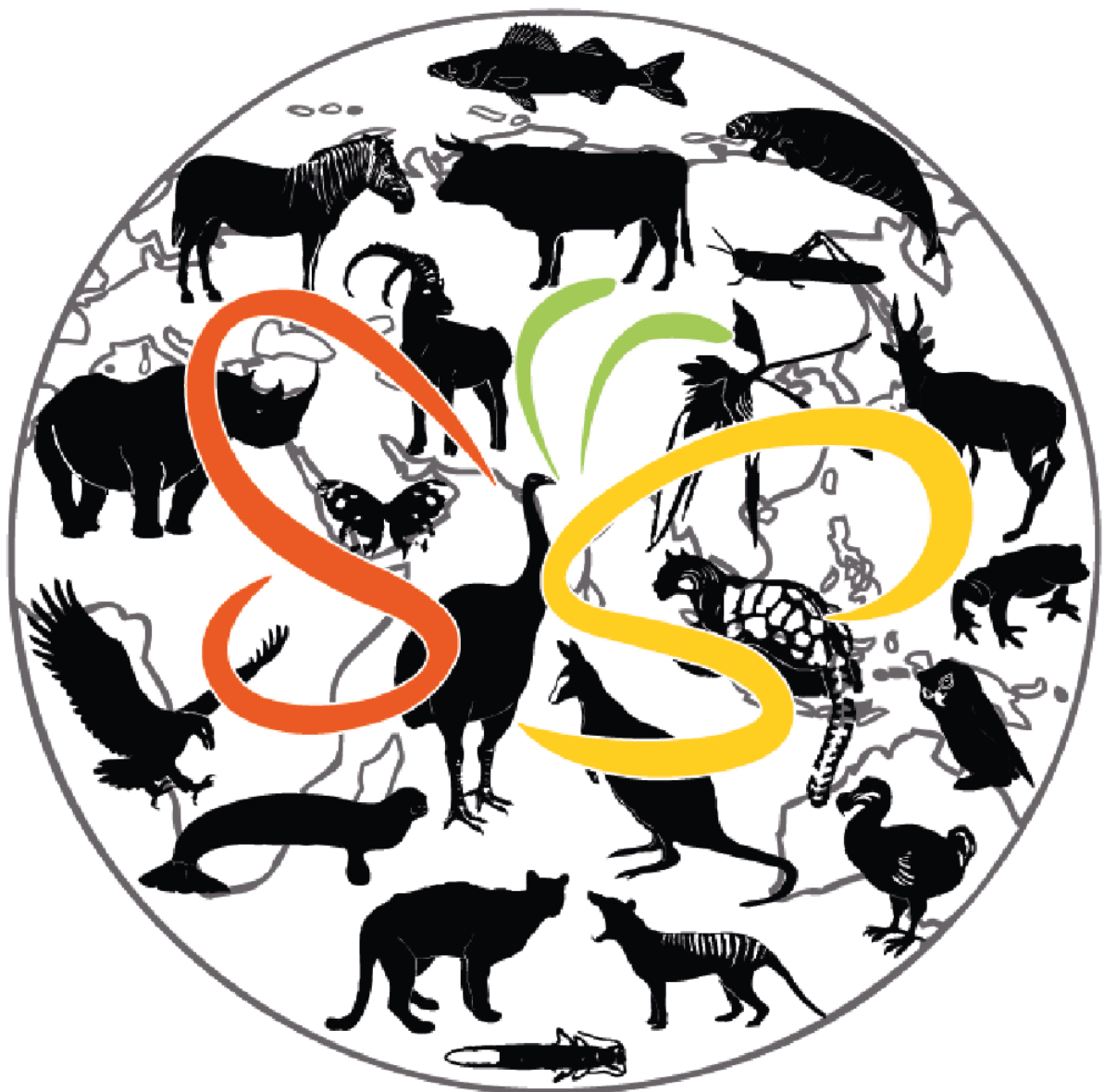




## DAY4 – 24<sup>th</sup> SEPTEMBER 2016

<b>11:50 - 13:00</b>	<b>STUDENT POSTER SESSION 3</b>
	<p><b>C18</b> • Bioacoustics assessment of status of migratory warblers in Purna Wildlife Sanctuary, Gujarat, India • <b>AYESHA</b></p> <p><b>C19</b> • Influence of canopy cover on species diversity, tree regeneration, edaphic and microclimatic parameters in Raigad district of Western Ghats, Maharashtra • <b>SANGEETA VERMA</b></p> <p><b>C20</b> • Diversity and distribution of Trentepohliales algae (Ulvophyceae, Chlorophyta) in Sri Lanka • <b>KOTTHIGODA KANKANAMGE YASINTHA DILHANI</b></p> <p><b>C21</b> • The Structure of Regenerating Oak forests in Central Himalaya • <b>VERMA KUMAR ABHISHEK</b></p> <p><b>C22</b> • Modeling forest stand structure attributes using Landsat ETM+ data and mapping carbon stocks of Dang district, Gujarat, India • <b>EKTA PURSWANI</b></p> <p><b>C23</b> • Predictive distribution modeling of <i>Bergenia ciliata</i> in Nussocree forest division of Lesser Himalaya • <b>NAMITHA NHANDADIYIL KALIYATHAN</b></p>
<b>13:00 - 14:00</b>	<b>LUNCH</b>
<b>14:00 - 16:30</b>	<b>SHORT WORKSHOPS</b>
	<ul style="list-style-type: none"> <li>• Advocacy and Conservation: Working with the Press and approaches to spur conservation action <b>NEHA SINHA • SEMINAR HALL C</b></li> <li>• Designing an Effective Ecological Study <b>GHAZALA SHAHABUDDIN, RAJKAMAL GOSWAMI • SEMINAR HALL B</b></li> <li>• Effectively managing people and teams <b>GOPAKUMAR MENON, VENA KAPOOR • CES CLASSROOM</b></li> <li>• Introducing QGIS for wildlife research <b>SWATI SAINI • LOTKA-VOLTERA LAB</b></li> <li>• Mobile Field Data Collection using OpenDataKit (ODK) <b>UJVAL GANDHI • CISTUP SEMINAR HALL</b></li> <li>• The challenge of coordinating conservation for Asia's critically endangered vultures. Lessons and application for other conservation examples <b>CHRIS BOWDEN • SEMINAR HALL A</b></li> <li>• The power of Oral Stories as a strong medium of conservation <b>VIKRAM SRIDHAR • CHOKSI HALL</b></li> <li>• Thinking about ethics in conservation research and practice <b>ANINDYA SINHA, NAVEEN NAMBOODIRI, AMITA BAVISKARI, HARINI NAGENDRA • J.N. TATA AUDITORIUM</b></li> <li>• Thinking quantitatively <b>SUHEL QUADER • HIGH VOLTAGE ENGINEERING SEMINAR HALL</b></li> <li>• What's behind a scientific article? What can sociological/ethnographic studies tell us about how we write scientific papers and and think about our science? <b>PANKAJ SEKHSARIA, HARI SRIDHAR, JOHN MATHEW AND MADHURI RAMESH • CES SEMINAR HALL</b></li> <li>• Why and how: basic methods of primate behavioural research <b>NARAYAN SHARMA, RISHI KUMAR • CISTUP CLASSROOM</b></li> </ul>
<b>16:30 - 16:50</b>	<b>TEA BREAK</b>
<b>16:50 - 17:40</b>	<b>CONSERVATION STORIES THROUGH FILMS</b>
	The Race to Save the Amur Falcon + <i>Lantana camara</i>
<b>17:40 - 19:00</b>	<b>POPULAR PLENARY 4 - RITWICK DUTTA [OPEN TO PUBLIC]</b>
	Opportunities and Challenges in Law and Policy for Wildlife Conservation
<b>19:00 - 19:20</b>	<b>CLOSING CEREMONY</b>





SCCS 2016 Logo – designed by our volunteers Vaishali and Anuradha