

X - INTERNAL ANNUAL RESEARCH SEMINAR

18th to 20th August 2014

PROGRAMME

Day 1: Monday, August 18, 2014

0900 . 0930 h	Registration	
0930 . 0935 h	Welcome	Dr. K. Sankar, Research Coordinator, WII
0935 . 0950 h	Opening Remarks	Dr. P.K. Mathur, Dean, FWS

Newly Initiated Research Projects

TECHNICAL SESSION – I

Biodiversity and Drivers of Change

Chair : Sh. Qamar Qureshi, Scientist-G

Co-Chair(s) : Dr. K. Sivakumar, Scientist-E

Dr. Abhijit Das, Scientist-C

0950 . 1005 h	Preliminary findings on the causes of diversity gradients in the old world flycatchers along the Himalayas. Suresh Kumar Rana, Junior Research Fellow
1005 . 1020 h	Corridors, bottlenecks and conflict: Tiger habitat connectivity around Tadoba Andhari Tiger Reserve, Maharashtra, India. Indranil Mondal, Project Biologist
1020 . 1035 h	A preliminary study on the fishes of upper Subansiri river basin, Arunachal Pradesh. Sutanu Satpathy, Junior Research Fellow
1035 . 1055 h	Where to BEE? Diversity patterns of bees in agro-ecosystems along varying distances from forest in Doon Valley. Preeti Shirish Virkar, Senior Research Fellow
1055 . 1115 h	Discussions and remarks by Session Chair and Co-Chair
1115 – 1135 h	Tea

Ongoing Research Projects

TECHNICAL SESSION – II

Studies on Avifauna

Chair : Sh. Pratap Singh, Scientist-F

Co-Chair : Sh. S. Sen, Scientist-F

Sh. R. Suresh Kumar, Scientist-D

1135 . 1155 h Monitoring the abundance of breeding Lesser Florican *Sypheotides indica* in the agriculture fields of Rajasthan and Madhya Pradesh.

Dr. K. Sivakumar, Scientist-E

1155 . 1215 h Preliminary results from satellite tracked Black-necked Cranes and Bar-headed Geese in Jammu and Kashmir, India.

Neeraj Mahar, Junior Research Fellow

1215 . 1235 h Breeding ecology of an urban raptor, Black Kite (*Milvus migrans govinda*) in Delhi.

Nishant Kumar, Junior Research Fellow

1235 . 1255 h When Less is Good: traditional land use aides Great Indian Bustard Conservation.

Vaijayanti Vijayaraghavan, Junior Research Fellow

1255 – 1345 h Lunch

1345 . 1405 h Prioritizing, planning and assessing the recovery of bustards.

Dr. Sutirtha Dutta, Research Associate

1405 . 1425 h Discussions and remarks by Session Chair and Co-Chair

TECHNICAL SESSION – III

Ecology of Large Mammals and Wildlife Techniques

Chair : Dr. Y.V. Jhala, Scientist-G

Co-Chair(s) : Sh. Mukul Trivedi, Scientist-E

Dr. Bilal Habib, Scientist-D

1425 . 1445 h Evaluation of methods to estimate wild ass population in Rann of Kutch, Gujarat.

Qamar Qureshi, Scientist-G

1445 . 1505 h A new home for lions?

Stotra Chakrabarti, Junior Research Fellow

1505 . 1525 h Abundance and distribution pattern of tigers in Pench Tiger Reserve, Madhya Pradesh.

Anindita B. Chatterjee, Junior Research Fellow

1525 . 1545 h	Population Illusion: Tiger and leopard numbers from Tadoba-Andhari Tiger Reserves and the adjoining landscape. Nilanjan Chatterjee, Junior Research Fellow
1545 . 1605 h	Prey density, food habits and population density of leopard (<i>Panthera pardus</i>) in Sariska Tiger Reserve, Rajasthan. Dibyadeep Chatterjee, Junior Research Fellow
1605 . 1625 h	Discussions and remarks by Session Chair and Co-Chair
1625 – 1645 h	Tea

TECHNICAL SESSION – IV

Conservation Genetics and Bio-informatics

Chair : Dr. S.P. Goyal, Scientist-G

Co-Chair(s) : Dr. V.P. Uniyal, Scientist-F

Sh. S.K. Gupta, Scientist-D

1645 . 1705 h	Variation in group size, age-sex structure, genetic diversity and establishing genetic identity of crop raiding Asian elephants in and around Rajaji National Park, Uttarakhand. Rahul De, Junior Research Fellow
1705 . 1725 h	Species identification through non-invasive genetic methods: Preliminary results from Khangchendzonga Biosphere Reserve, Sikkim. Suvankar Biswas, Junior Research Fellow
1725 . 1805 h	Capacity Building in Biodiversity Informatics to support evidence based decisions in conservation. Rupa, Senior Project Associate
1805 . 1820 h	Discussions and remarks by Session Chair and Co-Chair

Day 2: Tuesday, August 19, 2014

TECHNICAL SESSION – V

Conservation and Development

Chair : Dr. A.K. Bhardwaj, Scientist-F

Co-Chair(s) : Sh. Ajay Shrivastava, Scientist-F

Dr. B.S. Adhikari, Scientist-E

0900 . 0920 h	Conservation and development in Kailash Sacred Landscape (KSL): A new initiative. Dr. Arti Kala, Research Associate
0920 . 0935 h	Landscape characterization, spatial heterogeneity, and community forests in Kailash Sacred Landscape (KSL) - India. Sweta Singh, Project Biologist

0935 . 0950 h	Spatial heterogeneity and its implications on mammalian diversity and its distribution in Kailash Sacred Landscape (KSL) - India. Ajaz Hussain, Project Biologist
0950 . 1005 h	Bird diversity in community forest of Kailash Sacred Landscape (KSL) - India. Sumit Kumar Arya, Project Biologist
1005 . 1020 h	Forest fragmentation and its impact on wild ungulates in Kailash Sacred Landscape (KSL) - India. Rohit Chaudhury, Project Biologist
1020 . 1035 h	Ecological mapping of Askot landscape. Parisha Bankhwal, Project Assistant
1035 . 1050 h	Distribution and identification of indicator fish species for monitoring stream ecosystem in Askot landscape, Uttarakhand. Vandana Rajput, Project Assistant
1050 . 1105 h	Understanding of forest resource availability in Askot Landscape: A case study of Gori Valley. Soni Bisht, Project Assistant
1105 – 1130 h	Tea
1130 . 1145 h	Developing habitat suitability maps for key mammalian species for Askot landscape, Uttarakhand. Ankita Bhattacharya, Project Assistant
1145 . 1200 h	An assessment of the socio-economic status of local communities for conservation planning - A case study of Gori valley, Askot landscape, Uttarakhand. Amrita Laha, Project Assistant
1200 . 1230 h	Discussions and remarks by Session Chair and Co-Chair

TECHNICAL SESSION – VI

Park-People Interface

Chair : Dr. B.K. Mishra, Scientist-G
Co-Chair(s) : Dr. Ruchi Badola, Scientist-G
Dr. Gautam Talukdar, Scientist-D

1230 . 1250 h	Public perception towards wildlife in wolf landscape, Ladakh, Jammu and Kashmir, India. Hussain Saifree Reshamwala, Senior Research Fellow
1250 – 1400 h	Lunch

1400 . 1420 h Economics of living in the wild: cost-benefit analysis for the forest corridor linking the Rajaji-Corbett National Parks.

Pariva Dobriyal, Senior Research Fellow

1420 . 1440 h An assessment of socio-economic status and resource dependency of local communities living around Kedarnath Wildlife Sanctuary for developing alternative livelihood options.

Upma Manral, Senior Research Fellow

1440 . 1500 h Discussions and remarks by Session Chair and Co-Chair

TECHNICAL SESSION – VII

Species Communities & Landscape Ecology

Chair : Dr. S. Sathyakumar, Scientist-G

Co-Chair(s) : Dr. Bivash Pandav, Scientist-E

Dr. K. Ramesh, Scientist-D

1500 . 1520 h Comparative status of large mammals and their habitats in Shivalik-Terai Landscape between 2003 and 2013.

M. Naveen, Junior Research Fellow

1520 . 1540 h River habitat survey: vegetation, birds and landscape change in upper Ganges, Uttarakhand.

Ankita Sinha, Junior Research Fellow

1540 . 1600 h Preliminary analysis on ecological status of mangroves and their associated species in the Godavari Estuarine Region.

Giridhar Malla and Paromita Ray, Junior Research Fellows

1600 – 1620 h Tea

1620 . 1640 h Plant species composition and biomass production by flood plains in differential inundation regime.

Dr. Gopi, G.V., Scientist-D

1640 . 1700 h Monitoring birds and mammals in Southern ocean and Antarctica: Preliminary results and challenges.

Anant Pande, Senior Research Fellow

1700 . 1720 h Discussions and remarks by Session Chair and Co-Chair

Day 3: Wednesday, August 20, 2014

Completed and Near Completion Research Projects

TECHNICAL SESSION – VIII

Large Carnivores and their Prey

Chair : **Dr. K. Sankar, Scientist-G**

Co-Chair(s) : **Dr. Bitapi C. Sinha, Scientist-G**

Dr. Gopi G.V., Scientist-D

0900 . 0920 h Spatial distribution and abundance of ungulate community in relation to habitat correlates in Kanha Tiger Reserve.

Neha Awasthi, Junior Research Fellow

0920 . 0940 h Monitoring source population of tiger (*Panthera tigris*) in Ranthambhore.

Ayan Sadhu, Junior Research Fellow

0940 . 1000 h Monitoring tigers in Sundarbans.

Manjari Roy, Junior Research Fellow

1000 . 1020 h Activity patterns and food habits of reintroduced gaur (*Bos gaurus*) in Bandhavgarh Tiger Reserve, Madhya Pradesh.

Manas P. Manjrekar, Senior Research Fellow

1020 . 1040 h Discussions and remarks by Session Chair and Co-Chair

1040 – 1100 h Tea

TECHNICAL SESSION – IX

Conservation Genetics & *Ex-situ* Conservation

Chair : **Dr. P.K. Malik, Scientist-G**

Co-Chair(s) : **Dr. Parag Nigam, Scientist-E**

Sh. Salvador Lyngdoh, Scientist-C

1100 . 1120 h Founder influences on the viability of captive carnivores population.

Dr. Anupam Srivastava, Project Consultant

1120 . 1140 h Conservation-breeding of Western tragopan (*Tragopan melanocephalus*): the principle of naturalism and model population.

Lakshminarasimha, R., Senior Research Fellow

1140 . 1200 h Genetic assessment to determine extent of introgression in wild pigs: A case study in and around Ranthambhore National Park.

Puneet Pandey, Junior Research Fellow

1200 . 1220 h Assessment of genetic variations and amplification of MHC class-I gene from the tiger (*Panthera tigris*) scat samples.

Ajit Kumar, Senior Research Fellow

1220 . 1240 h Discussions and remarks by Session Chair and Co-Chair

TECHNICAL SESSION – X

Diversity and Distribution of Flora and Fauna

Chair : Dr. Asha Rajvanshi, Scientist-G

Co-Chair(s) : Sh. Aseem Shrivastava, Scientist-F

Dr. J.A. Johnson, Scientist-D

1240 . 1300 h Traditional knowledge on the use of medicinal plants by indigenous ethnic community in Nanda Devi Biosphere Reserve, Western Himalaya.

Amit Kumar, Junior Research Fellow

1300 – 1400 h Lunch

1400 . 1420 h Ecology and conservation status of house sparrow in Uttarakhand.

J.S. Jiju, Junior Research Fellow

1420 . 1440 h Bird Surveys in the Western Trans-Himalayas.

S. Sen, Scientist-F

1440 . 1500 h Diversity patterns of moth assemblages (Lepidoptera:Heterocera) in Nanda Devi Biosphere Reserve,the Western Himalayas.

Pritha Dey, Junior Research Fellow

1500 . 1520 h Discussions and remarks by Session Chair and Co-Chair

1520 – 1545 h Tea

CONCLUDING SESSION

1545 . 1630 h Comments on the Internal Annual Research Seminar by invited Guests and Dean, FWS

1630 . 1645 h Concluding Remarks **Director, WII**

1645 . 1650 h Vote of Thanks **Dr. K. Sankar, Research Coordinator**
