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<b>Education</b>	<p><b>M.Sc. in Wildlife Biology</b> (1995), AVC College, Bharathidasan University, Tamil Nadu, India.</p> <p><b>Ph.D. in Forest Ecology &amp; Environment</b> (2003), Wildlife Institute of India &amp; Forest Research Institute, Dehra Dun, India.</p>
<b>Thematic Areas</b>	Landscape Ecology; Conservation Biology; Ecology and Management of Large Carnivores and Pheasants; Conservation Breeding and Reintroduction; Climate Change Assessment and Adaptation Strategies; Wildlife Population Monitoring; Integration of Advance Technologies in Wildlife Research and Management.
<b>Professional Skills</b>	(a) Research Design and Protocol for Surveys and Intensive Investigations, (b) Remote Sensing, GIS, Spatial Analysis and Distribution models, (c) Biostatistics (d) Radio-Telemetry, (e) Population Estimation, Habitat Evaluation and Wildlife Monitoring, (f) Project Development; Fund Raising, Coordination, Management and Documentation, and (g) Policy Advisory.
<b>Experiences</b>	22 years of research, teaching, technical and conservation services in the Himalaya (of India, Nepal & Pakistan), Flood Plains, Semi-arid Regions and Central India, and other parts of Southeast Asia including Cambodia and Malaysia.
<b>Awards</b>	<b>Gold Medal</b> for top rank in the Under Graduation (1993)
	<b>Gold Medal</b> for top rank in the Post Graduation (1995)
	<b>Distinguished Foreign Scholar Award</b> by the US Regional Association of the International Association for Landscape Ecology (2002)
	<b>NASA-MSU Professional Enhancement Award</b> by National Aeronautics and Space Administration, and Michigan State University, USA (2002)
<b>Publications /Supervision</b>	<p>Research Articles/Publications: 54</p> <p>Presentations/Abstracts: 72</p> <p>Technical Reports: 35</p> <p>Ph.D. Theses: 15</p> <p>Masters Dissertations: 20</p> <p>Internship Projects: 18</p> <p>Popular Articles: 8 + Media Participation</p>
<b>International Collaboration /Advisory</b>	<p><b>Coordinator, WII – UBC Collaboration:</b> Facilitated formal signing of MoU between WII and UBC for collaboration and continue to implement the Field School for UBC Students (with Dr. Suzie Lavalley), Queen Elizabeth Scholars Program (with Mr. Jorma Neuvonen) and PhD. Projects (with Dr. Sarah Gergel and Dr. Cole Burton).</p> <p><b>Country Representative:</b> Association for Tropical Biology and</p>

	<p>Conservation Biology, Asia Pacific Chapter.</p> <p><b>Member, IUCN Species Survival Commission</b> (Galliformes Specialist Group, Reintroduction Specialist Group), <b>World Commission on Protected Area</b> (Connectivity Conservation Specialist Group) and <b>Commission on Ecosystem Management</b>: Contribute to action plans, conservation policy, research priority matrix, review of grant proposal, technical support, implementation of field project and local networking.</p> <p><b>Member</b>, International Association for Landscape Ecology, Association for Tropical Biology and Conservation, Society for Conservation Biology and International Society for Restoration Ecology</p>
<b>Languages</b>	Tamil, English & Hindi

#### Current Projects/Programs:

1. **Tiger Recovery Strategy and Long-term Monitoring in Panna Tiger Reserve (Madhya Pradesh), Sanjay-Dubri Tiger Reserve (Madhya Pradesh), Sahyadri Tiger Reserve (Maharashtra), Satkosia Tiger Reserve (Odisha), Buxa Tiger Reserve (West Bengal) & Rajaji Tiger Reserve (Uttarakhand).**
2. **Assessment and monitoring of climate change effects on wildlife species and ecosystems for developing adaptation and mitigation strategies in the Indian Himalayan Region, under the National Mission for Sustaining Himalayan Ecosystem by the Government of India**
3. **Project Drone 'E-bird Technology for Tiger Conservation': Development and integration of Un-manned Aerial Vehicles as a surveillance and monitoring tool for protection of tiger and capacity building of frontline staff**
4. **Development of integrated landscape management plan and monitoring with reference to Ken-Betwa river link project in Panna Tiger Reserve, Madhya Pradesh**
5. **Movement ecology of tiger for conflict prediction and landscape management in Sathyamangalam-Nilgiri Biosphere Complex, Southern India**
6. **Knowledge management and science-policy interface (Landscape Ecology and Visualization Laboratory): It is a facility that has been created to establish large spatial database of the Himalayan region under NMSHE project and other parts of the country, and undertakes spatial analyses and visualization on various ecological themes. The scope and activities is now being expanded to entire India and the regional countries.**

#### List of Technical Contributions/Publications

##### **Research Articles**

1. Sinha, A., Chatterjee, N., Ormerod, S. J., Adhikari, B. S., & Krishnamurthy, R. **2019**. River birds as potential indicators of local-and catchment-scale influences on Himalayan river ecosystems. *Ecosystems and People*, 15(1), pp. 90-101.
2. Sinha, A., Hariharan, H., Adhikari, B. S., & Krishnamurthy, R. **2019**. Bird diversity along riverine areas in the Bhagirathi Valley, Uttarakhand, India. *Biodiversity Data Journal* 7.

3. Bandyopadhyay, M. Dasgupta, T. and Krishnamurthy, R., **2019**. New records of snow leopard in Great Himalayan National Park, Western Himalaya. *Cat News*, 70, pp. 9-11.
4. Gaur, T., Sinha, A., Adhikari, B.S. and Ramesh, K., **2019**. Dynamics of Landscape Change in the mountainous river basin a case study of the Bhagirathi river, western Himalaya. *Applied Ecology and Environmental Research*, 17(4), pp.8271-8289.
5. Kumar, A.A., Gaur, T., Upgupta, S., Ramesh, K. and Kumar, S., **2019**. Land Cover/Land Use Change and Fragmentation in Uttarakhand, the Western Himalaya Based on Globeland30 Datasets. In *Smart Technologies for Energy, Environment and Sustainable Development* (pp. 203-215). Springer, Singapore.
6. Malviya, M., Kumar, V., Mandal, D., Sarkar, M. S., Nigam, P., Gopal, R., Sankar, K., Umapathy, G., and Ramesh, K., **2018**. Correlates of physiological stress and habitat factors in reintroduction-based recovery of tiger (*Panthera tigris*) populations. *Hystrix, the Italian Journal of Mammalogy*, 29(2), 195-201.
7. Elsen P.R., Ramesh K., and Wilcove D.S. **2018**. Conserving Himalayan birds in highly seasonal forested and agricultural landscapes. *Conservation Biology*, DOI: 10.1111/cobi.13145
8. Mungi N.A., Coops N.C., Ramesh K., and Rawat G.S. **2018**. How global climate change and regional disturbance can expand the invasion risk? Case study of Lantana camara invasion in the Himalaya. *Biological Invasions*. <https://doi.org/10.1007/s10530-018-1666-7>
9. Karanth K.U., Goodrich J.M., Miquelle D.G., Ramesh K., Harihar A., Pattanavibool A., Sunarto S., Rayan D.M. and Thapa K. **2017**. Tiger ecology in relation to monitoring issues. In: Karanth K.U. and Nichols J.D. *Methods for monitoring tiger and prey populations*. Springer Nature Publication. 2017. Pp 15-34.
10. Vasudev D., Nichols J.D., Ramakrishnan U., Ramesh K., and Vaidyanathan S. **2017**. Assessing landscape connectivity for tigers and prey species: concepts and practice. In: Karanth K.U. and Nichols J.D. *Methods for monitoring tiger and prey populations*. Springer Nature Publication. 2017. Pp 255-288.
11. Sarkar M.S., Ramesh K., Johnson J.A., Sen. S. and Saha G.K. **2017**. Assessment of fine-scale resource selection and spatially explicit habitat suitability modelling for a re-introduced tiger (*Panthera tigris*) population in central India. *PeerJ* 5:e3920; DOI 10.7717/peerj.3920.
12. Gray T.N.E., Crouthers R., Ramesh K., Vattakaven J., Borah J., Pasha M.K.S., Lim T., Phan C., Singh R., Long B., Chapman S., Keo O, and Baltzer M. **2017**. A framework for assessing readiness for tiger *Panthera tigris* reintroduction: a case study from eastern Cambodia. *Biodiversity and Conservation*, DOI 10.1007/s10531-017-1365-1
13. Elsen, P. R., Tingley, M. W., Kalyanaraman, R., Ramesh, K. and Wilcove, D. S. **2016**. The role of competition, ecotones, and temperature in the elevational distribution of Himalayan birds. *Ecology*. doi:10.1002/ecy.1669
14. Elsen P.R., Kalyanaraman R., Ramesh K., and Wilcove D.S. **2016**. The importance of agricultural lands for Himalayan birds in winter. *Conservation Biology*, DOI: 10.1111/cobi.12812
15. David C.M., Koh, L.P., Lynam A.J., Wich S., Davies A.B., Ramesh K., Stokes E., Starkey R. and Asner G.P. **2016**. Integrating technologies for scalable ecology and conservation. *Global Ecology and Conservation*, 7: 262-275. <http://dx.doi.org/10.1016/j.gecco.2016.07.002>.
16. Sarkar M.S., Ramesh K., Johnson J.A., Sen S., Nigam P., Gupta S.K., Murthy R.S. and Saha G.K. **2016**. Movement and home range characteristics of reintroduced tiger (*Panthera tigris*) population in Panna Tiger Reserve, central India. *European Journal of Wildlife Research*. DOI 10.1007/s10344-016-1026-9.

17. Nautiyal A., Ben Hassine Ben Ali M., Ramesh K., Rawat G.S., Stephenson S.L. **2016**. A preliminary study of the ectomycorrhizal fungi associated with banj oak and chir pine in the Garhwal Himalaya, India. *Current Research in Environmental & Applied Mycology* 6(1): 67–74. Doi 10.5943/cream/6/2/2
18. Ramesh K., Cushman S.A., Sarkar M.S., Malviya M., Naveen M., Johnson J.A. and Sen S. **2016**. Multi-scale prediction of landscape resistance for tiger dispersal in central India. *Landscape Ecology*, 31:1355-1368. DOI 10.1007/s10980-016-0363-0
19. Reddy P.A., Ramesh K., Sarkar M.S., Srivastava A., Bhavanishankar M. and Shivaji S. **2016**. Significance of mate selection and adult sex ratio in tiger reintroduction / reinforcement programs. *Journal of Zoology*. Doi:10.1111/jzo.12331
20. Arun Kumar A., Upgupta S., Gaur T., Sathyakumar S. and Ramesh K. **2016**. Innovative geographic visualization for enhanced understanding and effective public participation in policymaking and implementation. *Environmental Practice* Doi:10.1017/S1466046616000119.
21. Bhattacharjee S., Kumar V., Chandrasekhar M., Malviya M., Ganswindt A., Ramesh K., Sankar K. and Umapathy G. **2015**. Glucocorticoid stress responses of reintroduced tigers in relation to anthropogenic disturbance in Sariska tiger reserve in India. *PLoS ONE* 10(6): e0127626. doi:10.1371/journal.pone.0127626
22. Manjari M. and Ramesh K. **2015**. Human-felid conflict in corridor habitat: implications for tiger and leopard conservation in Terai Arc Landscape, India. *Human Wildlife Interactions*, 9(1): 48 - 57
23. Sinha A., Adhikari B.S. and Ramesh K. **2015**. Ecological and conservation perspectives of riverine birds of the upper Ganges, Uttarakhand. In: *ENVIS Bulletin on Wildlife and Protected Areas: Water birds of India*, Vol. 16: 248 – 257.
24. Uniyal V.K., Ramesh K., Mathur P.K. and Mathur V.B. **2014**. Implementing landscape approach to biodiversity conservation in India. In: *Sustainable Forest Management for Multiple Values: a Paradigm Shift* (Eds. Bhojvaid P.P. and Khandekar N.), Vol. II: 529 – 546.
25. Ankita S., Tanvi G., Adhikari B.S. and Ramesh K. **2014**. Records of Ibisbill (*Ibidorhyncha struthersii*) in the Bhagirathi river, Harsil, Uttarakhand, India. *J. Bombay Nat. Hist. Soc.*, 111(2): 8-9.
26. Arun Kumar A., Sivakumar R. and Ramesh K. **2013**. Assessing habitat suitability for tigers in Panna Tiger Reserve, Madhya Pradesh - a geospatial approach. *Journal of Scientific Transaction and Technovation*, 7(2):77-81.
27. Johnson, J.A., R. Parmar, K. Ramesh, S. Sen & R.S. Murthy **2012**. Fish diversity and assemblage structure in Ken River of Panna landscape, central India. *Journal of Threatened Taxa* 4 (13): 3161–3172.
28. Sandeep T, Krishnamurthy R., Gopal S.R. **2012**. Assessment of landscape characteristics and changes in the Khangchendzonga National Park, Sikkim Himalaya, India. *Journal of Geophysics and Remote Sensing* 1:10. doi:10.4172/jgrs.100010
29. Malviya M., Lakshminarasimha R., Bose S., Dhiman S., Nigam P. and Ramesh K. **2011**. Stocking for the future: genetic and demographic correlates of Western Tragopan (*Tragopan melanocephalus*) in captivity. *J. Bombay Nat. Hist. Soc* 108(3): 205-211.
30. Johnsingh A.J.T., Pandav B., Ramesh K. and Qureshi Q. **2011**. Conservation status of Rajaji-Corbett Corridor for tiger and elephant movement. *Journal of Bombay Natural History Society*, 107 (3): 246-249.
31. Ramesh, K. and McGowan **2009**. *On the current status of Indian Peafowl Pavo cristatus: keeping the common species common*. *Journal of Threatened Taxa* 1(2): 106-108.

32. Ramesh K. Sathyakumar S., and Rawat G. S. **2008**. *Methods of capture and radio tracking of Western Tragopan (Tragopan melanocephalus J.E. Gray 1829) in the Great Himalayan National Park, India*. Journal of Bombay Natural History Society, 105(2):127 - 132.
33. Ramesh, K. **2008**. *A review of study designs and data collection protocols in wildlife research*. Journal of Scientific Transactions in Environment and Technovation 2(2): 57-70.
34. Ramesh K. **2007**. *Tragopans, the horned pheasants: their taxonomy, distribution and status*. ENVIS Bulletin: Wildlife and Protected Areas, Vol. 10(1). Wildlife Institute of India, Dehradun, India. Pp 69-77.
35. Ramesh K. and Kalsi R.S. **2007**. *Techniques for live capture and radio-telemetry of Galliformes*. ENVIS Bulletin: Wildlife and Protected Areas, Vol. 10(1). Wildlife Institute of India, Dehradun, India. Pp 189-195.
36. Johnsingh A.J.T., Ramesh K. and Qureshi Q. **2007**. *Dhikala grasslands in Corbett Tiger Reserve, a potential site for reintroduction of the One Horned Rhinoceros in India*. Pachyderm, 43: 108 - 110.
37. Ramesh K. **2007**. *Issues of reliability and appropriate interpretation in wildlife science*. In: Verma A. (ed): Biodiversity of Rajasthan. Himanshu Publication, Udaipur. Pp 409 - 506.
38. Ramesh K., McGowan P., and Qamar Q. (**2006**). *Key Areas Project: recent surveys in the Garhwal region of northern India*. Annual Review, World Pheasant Association, U.K., 2005/2006: 26.
39. Johnsingh A.J.T., Ramesh K., David A., Rajapandian K., and Mohan D. **2006**. *Enabling tigers to survive in Haryana and Himachal Pradesh, Northern India*. Journal of Bombay Natural History Society, 103(2-3): 251 - 253.
40. Ramesh K. **2006**. *Snowcocks and snow partridges in Govind National Park, India*. WPA News – the international newsletter of the World Pheasant Association, 76: 4.
41. Ramesh K., Sathyakumar S. and Rawat G.S., **2005**. *Recent trends in the pheasant population in Great Himalayan National Park, Western Himalaya: conservation implications*. In: Jhala Y.V., Chellam R. and Qureshi Q. 2005 (eds). Wildlife conservation, research and management. A technical publication of the Wildlife Institute of India, Dehradun. RR-05/001, 40 - 43.
42. Subedi B., Shresth S.K., Baral H.S., Garson P.J. and Ramesh K. **2004**. *Status and distribution of cheer pheasant Catreus wallichi in Dhorpatan Hunting Reserve, Nepal*. Proceedings of the 3<sup>rd</sup> International Symposium on Galliformes, Wildlife Institute of India, Dehradun, India, April 5 - 10, 2004.
43. Ramesh K., Sathyakumar S. & Rawat G.S. **2004**. *Counting Himalayan pheasants: potential methods and need for a rigorous approach*. Abstract - In: Proceedings of the 3<sup>rd</sup> International Symposium on Galliformes, Wildlife Institute of India, Dehradun, India, April 5 - 10, 2004.
44. Ramesh K., Qureshi Q., Sathyakumar S. & Rawat G.S. **2004**. *A spatial framework for identifying habitat and predicting the occurrence of pheasants in the Himalayas*. Abstract - In: Proceedings of the 3<sup>rd</sup> International Symposium on Galliformes, Wildlife Institute of India, Dehradun, India, April 5 - 10, 2004.
45. Johnsingh A.J.T., Ramesh K., Mohan D., Qureshi Q., Goyal S.P., Rawat G.S., Sinha S. and Rajapandian K., **2003**. *Saving the tiger in the extreme northwest of its range*. Cat News 38:11. IUCN Cat Specialist Group, Bougy, Switzerland.
46. Ramesh K. and Singh S.K., **2003**. *Domestic dogs – a serious but unrecognized threat on wildlife*. Zoo's Print, Vol. XVIII (10). Pp 6.

47. Ramesh K., Sathyakumar S. and Rawat G.S., **2002**. *Report on the radio tracking of western tragopan (Tragopan melanocephalus) in the Great Himalayan National Park*. TRAGOPAN, IUCN/SSC/Pheasant Specialist Group, 16: 29 – 30.
48. Baral H. S., Gurung P.C., Kaul R. and Ramesh K. **2002**. Santel Galliformes Survey 2001, Central Nepal. TRAGOPAN, IUCN/SSC/Pheasant Specialist Group, 15: 17 – 19.
49. Singh S.K. and Ramesh K., **2001**. *Status of incense plant, Jurinea dolomiaea boiss, in western Himalaya*. Journal of Non-timber Forest Products, Vol. 8(1/2): 109 – 113.
50. Ramesh K., **1999**. *The Mysterious Raptors*. Newsletter for Birdwatchers. Vol. 39 (1). 12.
51. Vinod T.R. and Ramesh K., **1999**. *Observations on the ungulates of Great Himalayan National Park*. Caprinae, IUCN/SSC Caprinae Specialist Group. Pp 4 - 5.
52. Ramesh K., **1998**. *Monitoring strategy for the pheasants of Great Himalayan National Park, Western Himalaya*. TRAGOPAN, IUCN/SSC-Pheasant Specialist Group, 9: 15.
53. Ramesh K., **1995**. *Roosting of western tragopan, Tragopan melanocephalus on deodar tree, Cedrus deodara*. WPA-India News. Vol. 2 (3) 6-7.
54. Ramesh K., Asokan S., Venkatachalam S. Kanakasabai R. and Ramadoss K., **1995**. *Roosting habits of small green bee-eater, Merops orientalis in Mayiladuthurai, Tamilnadu*. In: Proceedings of National Symposium on Recent Trends in Indian Wildlife Research, AVC College, Bharathidhasan University, Tamil Nadu, India.

### **Research Presentations & Abstracts**

1. Sinha, A., Chatterjee, N., Ormerod, S. J., and Krishnamurthy, R. **2019**. Global patterns of distribution and threats to specialist river birds; Presented in British Ecological Society's Annual Meeting held from 10<sup>th</sup> to 13<sup>th</sup> December 2019 at ICC Belfast, United Kingdom.
2. Sinha, A., Adhikari, B. S., and Krishnamurthy, R. **2019**. Modeling eco-geographic drivers of distribution and abundance of riverine birds along the upper Ganges in western Himalaya: implications for long-term monitoring and conservation management; Presented in 3<sup>rd</sup> Himalayan Researcher's Consortium from 16-17<sup>th</sup> May 2018 at GBPHIED, Almora, Uttarakhand.
3. Bandyopadhyay, M., Dasgupta, T., Thakur, O., Thakur, A. and Kishnamurthy, R. **2019**. Patterns of ungulate communities along elevation gradient in the Great Himalayan National. Accepted for oral presentation at the 7<sup>th</sup> World Mountain Ungulate Conference, Bozeman, Montana held from 10<sup>th</sup> to 13<sup>th</sup> September 2019.
4. Bandyopadhyay, M. and Krishnamurthy, R. **2019**. Small carnivore community interactions along elevation gradient in the Great Himalayan National Park, Himachal Pradesh, India. Accepted for oral presentation at ATBC-Asia Pacific chapter, Sri Lanka held from 10<sup>th</sup> to 13<sup>th</sup> September 2019.
5. Bandyopadhyay, M. and Krishnamurthy, R. **2019**. Effect of riverine characteristics in structuring small carnivore communities in the Great Himalayan National Park, Western Himalaya, India. Presented in ATBC, Madagascar held from 30<sup>th</sup> July to 3<sup>rd</sup> August 2019.
6. Bandyopadhyay, M. and Krishnamurthy, R. **2019**. Small carnivore interactions and its anthropogenic correlates along the elevation gradient in Great Himalayan National Park, Himachal Pradesh. Presented at the NMHS- 3<sup>rd</sup> Himalayan Researcher Consortium, GBPNIHESD, Almora, Uttarakhand held from 9<sup>th</sup> to 10<sup>th</sup> May 2019.
7. Gaur, T., Kumar, A.A., Upgupta, S. and Ramesh, K. **2019**. Spatial characterization of landscape- A pre-requisite for mapping ecosystem services in the Ganga river of the Western Himalaya. Presented in ATBC-AP, Thulhiriya, Sri-Lanka held from 10<sup>th</sup> to 13<sup>th</sup> September 2019.

8. Malviya, M., Ramesh, K., and Sankar, K., **2019**. Determinants of people's perceptions towards conflict with reintroduced tigers in Panna Tiger Reserve, India. Presented in ATBC-AP, Thulhiriya, Sri-Lanka held from 10<sup>th</sup> to 13<sup>th</sup> September 2019.
9. Gupta, D., Ramesh, K., and Rawat, G. S., **2019**. Effects of dominance and richness on tree biomass in tropical dry deciduous forest of central India. Presented in ATBC-AP, Thulhiriya, Sri-Lanka held from 10<sup>th</sup> to 13<sup>th</sup> September 2019.
10. Dutta, S., and Ramesh, K., **2019**. Spatially explicit population estimation and home-range dynamics of Reintroduced Tigers (*Panthera tigris*) in Panna Tiger Reserve, Central India. Presented in ATBC-AP, Thulhiriya, Sri-Lanka held from September 10-13, 2019.
11. Jelil, S. N., Ben, V. C., Hayward, M. W. and Ramesh K., **2019**. Terrestrial mammal occupancy pattern in a tropical Indian forest-stream network. Association of Tropical Biology and Conservation – Asia Pacific meet, Thulhiriya, Sri Lanka. September 10–13.
12. Sinha, A., Adhikari, B. S., & Krishnamurthy, R. **2018**. Modeling eco-geographic drivers of distribution and abundance of riverine birds along the upper Ganges in western Himalaya: implications for long-term monitoring and conservation management; Presented in 1<sup>st</sup> Himalayan Researcher's Consortium from 26-27<sup>th</sup> April 2018 at UCOST, Dehradun, Uttarakhand.
13. Sinha, A., Chatterjee, N., Ormerod, S. J., & Krishnamurthy, R. **2018**. Species traits and communities of river birds in the Indian Himalayan Mountains; Presented in British Ecological Society's Annual Meeting held from 14<sup>th</sup> to 17<sup>th</sup> December 2018 at ICC Birmingham, United Kingdom.
14. Malviya, M., Ramesh, K., and Sankar, K., **2018**. Spatio-temporal patterns of conflict between reintroduced tiger and local communities in Sariska and Panna tiger reserves, India. Presented in International conference on recent trends in Zoology, Biodiversity, Genetics and Environmental Sciences, Bangalore University, Bangalore, India held from 4<sup>th</sup> December to 5<sup>th</sup> December 2018.
15. Bandyopadhyay, M. and Krishnamurthy, R. **2018**. Small carnivore interactions and its anthropogenic correlates along the elevation gradient in Western lesser Himalaya. Presented at the NMHS- 1<sup>st</sup> Himalayan Researcher Consortium, UCOST, Uttarakhand held from 26<sup>th</sup> to 27<sup>th</sup> April, 2018.
16. Sinha, A., Ormerod, S. J., & Krishnamurthy, R. **2018**. Distribution pattern of river bird assemblage in the Indian Himalaya; Presented in British Ecological Society's Aquatic Ecology Group Annual Meeting held on 6<sup>th</sup> September 2019 at Skempton Building, Imperial College London, United Kingdom.
17. Shashank Sawan, Tamali Mondal, Balsher Singh, and Ramesh, K., **2018**. Un-manned Aerial Systems as a Surveillance Tool for Forest and Wildlife Management. Bio Diversity and Climatic Change 2018, 25 February 2018, Indian Institute of Technology, Kharagpur.
18. Ramesh K. **2017**. An overview of reintroduction-based recovery of tiger in India: combating local extinctions and ensuring population persistence (**Invited presentation**). International Conference on Current Challenges in Conservation of Biodiversity, during 16-18 February 2017 at A.V.C. College, Tamil Nadu.
19. Ramesh K. **2016**. Habitat, prey and tiger recovery strategies for long-term management of tiger (**Invited presentation**). Workshop for Tiger Range Countries, organized by Global Tiger Forum at Sariska Tiger Reserve, Rajasthan during 28.11.2016 to 02.12.2016.
20. Ramesh K., Williams A.C., Arora A. and Radhakrishna M. **2016**. Aerial Systems and Wireless Sensors: Technological Options for Wildlife Conservation and conflict resolution in India. IUCN World Conservation Congress, during 1-10 September 2016, Hawaii, USA.

21. Ramesh K. and Ahmed M.F. **2016**. Science and data for tiger projects: source population management and recovery. Conservation Campus at IUCN World Conservation Congress, during 1-10 September 2016, Hawaii, USA.
22. Joseph V., Gray T. and Ramesh K. **2016**. Active population recovery efforts to mitigate local extinctions of tiger populations in Asia. Conservation Asia 2016: Sustainable landscapes for people, business and biodiversity. Conference of Society for Conservation Biology and Association for Tropical Ecology, during 29 June – 02 July 2016 Singapore.
23. Ramesh K. **2016**. Anthropocentric approach to tiger conservation in central India: conundrum and compromises (***Invited presentation***). Conservation Asia 2016: Sustainable landscapes for people, business and biodiversity. Conference of Society for Conservation Biology and Association for Tropical Ecology, during 29 June – 02 July 2016 Singapore.
24. Sarkar M.S., Johnson J.A., Sen. S., Saha G.K. and Ramesh K. **2016**. Colonization pattern and growth of reintroduced tiger (*Panthera tigris*) population in Central India. 18<sup>th</sup> International Conference on Wildlife Ecology, Rehabilitation and Conservation organized by World Academy of Science, Engineering and Technology during 15-16 February 2016, Istanbul, Turkey.
25. Ramesh K. **2016**. Technological integration for wildlife research and conservation (***Invited presentation***). ICSSR, New Delhi sponsored National Seminar on 'Technology and its Impact on Media, Culture and Society' on 30<sup>th</sup> January 2016 at Hindu Girls College, Jagadhri, Haryana, India.
26. Ramesh K. **2015**. An overview of tiger extinction and recovery in Panna Tiger Reserve: background, strategies and accomplishments (***Invited presentation***). International Workshop on Reintroduction-based Recovery of Tiger: lessons and future plans, organized by Global Tiger Forum, 9<sup>th</sup> to 11<sup>th</sup> December 2015, Kanha, Madhya Pradesh, India.
27. Naveen M. and Ramesh K. **2015**. Status of corridors in Terai Arc Landscape, India: implications for conservation of large mammals. IALE-D Annual Conference on Landscape Ecology, 20-23 October 2015, Bonn, Germany.
28. Malviya M., Umapathy G., Sankar K. and Ramesh K. **2015**. Too stressed to progress: examining the role of anthropogenic disturbance induced stress on breeding status of two reintroduced tiger populations in India? 10<sup>th</sup> International Conference on Behaviour, Physiology and Genetics of Wildlife, 28<sup>th</sup> September to 1<sup>st</sup> October 2015, Berlin, Germany.
29. Ramesh K. **2015**. Reintroduction of tiger in Panna Tiger Reserve: scientific and management insights (***Invited presentation***). International Technical Workshop on Monitoring Tigers, conducted by Wildlife Conservation Society, 05-07 September 2015, Bangalore, India.
30. Ramesh K. **2015**. Reintroduction-based recovery of tiger in India: an overview (***Invited presentation***). Side Event entitled 'Securing Asia's Iconic Carnivore: the Role of Reintroduction-based Tiger Recovery' at the 6<sup>th</sup> IUCN Asia Regional Conservation Forum, 11<sup>th</sup> August 2015, Bangkok, Thailand.
31. Ramesh K., Naveen M. and Subhodip M. **2015**. Signs of conservation: trajectory of occupancy status of tiger (*Panthera tigris*) and elephant (*Elephas maximus*) in the Terai Arc Landscape, India. 9<sup>th</sup> World Congress of International Association for Landscape Ecology, 05-10 July 2015, Portland, Oregon, USA.
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Anthropogenic drivers of landscape change and configuration in the Ganga river catchment in the Indian Himalayan Region. 9<sup>th</sup> World Congress of International Association for Landscape Ecology, 05-10 July 2015, Portland, Oregon, USA.

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