



Curriculum Vitae

DR RAJPAN MUHAMMAD NAWAZ

Wildlife Ecologist

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Current Employment

1st March 2017 Continue till present date	Assistant Professor , Department of Forestry, Shaheed Benazir Bhutto University Sheringal Dir (Upper), Pakistan
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Job Description

1. Teach various forestry and wildlife subjects to BS/MS/M.Phil students
 2. Supervise M.Phil and PhD Scholars
 3. Conduct research on behavioral ecology of different wildlife species, effects of climate change, habitat loss, and human disturbance on wildlife habitats, and population community parameters across the heterogeneous eco-region.
 4. To establish collaboration with local and international scientists in the field of forestry and wildlife ecology, conservation, and management plans
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Previous Employment

Aug 2014–Nov 2016	Consultant Wildlife , Sindh Wildlife Department, Government of Sindh, Karachi Pakistan
Dec 2012–Aug 2014	Researcher , Department of Recreation and Ecotourism, Faculty of Forestry, Universiti Putra Malaysia, Serdang Selangor Darul Ehsan, Malaysia
Mar 2012–Dec 2012	Director, National Park , Sindh Wildlife Department, Government of Sindh, Karachi Pakistan
Sep 2007–Mar 2012	Lecturer in Forestry , Pakistan Forest Institute, Peshawar, Pakistan

Post-Doctoral and Doctoral Degree

Dec 2012– Dec 2013	Biodiversity Assessment and Economic Valuation of Mangrove Forest
Jul 2006– Nov 2009	PhD Wildlife Management, Universiti Putra Malaysia

Research Topic: Avifauna Composition and Habitat in the Paya Indah Freshwater Wetland Ecosystem, Malaysia

Graduate Degree

Oct 2002–Jan 2005 Master of Science in Forestry, University of Peshawar

Oct 1996–Dec 1998 Master of Science in Freshwater Biology, University of Sindh

Consultancy Projects

- 2019/20 Establishment of Breeding Centre and Re-introduction of Captive breed Stock of Hog Deer – *Axis porcinus* in Ketī Shah (Sukkur) and Kot Dinghano (Lakhat) Riverine Forest, Sindh
- 2018/19 Survey of Keystone Birds Species and Hog Deer in Kot Dinghano Riverine Forest, Lakhat Sindh, Pakistan
- 2010–2014 Biodiversity Assessment and Economic Valuation of Mangrove Forest
- 2009–2011 Foraging Ecology of Different Egret Species in Wastewater Treatment Ponds
- 2009–2010 Terrestrial Fauna of Putrajaya Artificial Wetland and Lake, Malaysia
- 2007–2009 Avifauna Composition and its Habitat in Freshwater Wetland Ecosystem of Malaysia
- 2007–2008 Macro EIA of Forest Management Unit of Terengganu, Negeri Sembilan, and Perak Malaysia
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Journal Publications

- 1 Ullah, I., Qing-Ming, W.U., Xue-Ying, S., Khan, M.S., Ullah, S., Khan, T.U. and **Rajpar, M.N.** 2021. Diversity, abundance, status and endangered habitats of avifauna in Sheikh Badin national park, Dera Ismail Khan, Khyber Pakhtunkhwa, Pakistan. The J. Animal and Plant Sciences, 31(1): 307-316. (ISI Index; Impact Factor = 0.481)
- 2 **Rajpar, M.N.**, Ozturk, M., Altay, V., Ullah, S., Ullah, A., Martin, C.O., Gucel, S. and Zkaria, M. (2020). Species composition of dry-temperate forest as an important habitat for wildlife fauna species. Journal of Environmental Biology, 41: 328–336. (ISI Index; Impact Factor = 0.640)
- 3 **Rajpar, M.N.**, Gucel, S., Ullah, S., Ullah, A., Saad, M., Aboushiba, A.B.H., Martin, C.O. and Zkaria, M. (2020). Avian diversity in Mardu Bay mangrove forest, Sabah, Malaysia. Journal of Environmental Biology, 41: 285–292. (ISI Index; Impact Factor = 0.640)
- 4 **Rajpar, M.N.**, Hassan-Aboushiba, A.B., Ullah, S., Ozdemir, I., Ullah, A. and Zakaria, M. (2019). Determining the temporal changes in avian population inhabiting urban seasonally waterlogged areas in Hyderabad Sindh, Pakistan. Applied Ecology and Environmental Research, 17(5): 10831–10843 (ISI Index; Impact Factor = 0.740)
- 5 **Rajpar, M.N.**, Zakaria, M., Ozdemir, I., Sheryar, S. and Rab, A. (2018). Ascertain the productivity of heterogeneous wetland and adjacent habitats through avian foraging guilds. Journal Animal and Plant Sciences, 28(5): 1372–1384 (ISI Index; Impact Factor = 0.481)
- 6 Rosli, Z., Zakaria, M. and **Rajpar, M.N.** (2018). Edge effect on foraging guilds of upperstory birds in an isolated tropical rainforest of Malaysia. Journal Animal and Plant Sciences, 18(1): 307–320 (ISI Index; Impact Factor = 0.481).
- 9 Zakaria, M. and **Rajpar, M.N.** (2015). Assessing the fauna diversity of Marudu bay mangrove forest Sabah, Malaysia for future conservation. Diversity, 7: 137–148. (SCOPUS Impact Factor = 2.80)
- 10 Zakaria, M. and **Rajpar, M.N.** (2014). Effects of logging and recovery process on avian richness and diversity in hill dipterocarp tropical rainforest. Journal of Environmental Biology, 36 (Spec. Iss): 121–127. (ISI Index; Impact Factor = 0.640)

- 11 **Rajpar, M.N.** and Zakaria, M. (2015). Bird abundance and its relationship with microclimate and habitat variables in open-area and shrub habitats in Selangor, Peninsular Malaysia. *Journal Animal and Plant Sciences*, 25 (1): 114–124. (ISI Index; Impact Factor = 0.549)
- 16 Zakaria, M., **Rajpar, M.N.**, Moridi, H.W. and Rosli, Z. (2014). Comparison of understorey bird species in relation to edge-interior gradient in an isolated Tropical Rainforest of Malaysia. *Environment, Development and Sustainability*, 16(2): 375-392. (ISI Index; Impact Factor = 1.379)
- 17 **Rajpar, M.N.** and Zakaria, M. (2013). Assessing an Artificial Wetland In Putrajaya, Malaysia As An Alternate Habitat for Waterbirds. *Waterbirds*, 36 (4): 482–493. (ISI Index; Impact Factor = 0.584)
- 18 Bing, D.Y., **Rajpar, M.N.** and Zakaria, M. (2013). Avian Richness and Habitat Characteristics In Primary and Logged Hill Dipterocarp Tropical Rainforest Of Peninsular Malaysia. *Malayan Nature Journal*, 65(4): 300–316. (SCImago Index)
- 19 Zakaria, M. and **Rajpar, M.N.** (2013). Density and diversity of waterbirds and terrestrial birds in man-made marsh, Malaysia. *Sains Malaysiana*, 42(10): 1483–1492. (ISI Index; Impact Factor = 0.650).
- 20 **Rajpar, M.N.** and Zakaria, M. (2013). Avian density in different habitat types at Paya Indah natural wetland reserve, Peninsular Malaysia. *Journal Animal and Plant Sciences*, 23 (4): 1019-1033. (ISI Index; Impact Factor = 0.481).
- 21 **Rajpar, M.N.** and Zakaria, M. (2012). Avian community parameters of freshwater wetland ecosystem in Peninsular Malaysia. *Asia Life Sciences*, 21(2): 1–19. (ISI Index; Impact Factor = 0.259).

Book Chapters Published

- 1 **Rajpar, M.N.**, Ozdemir, I., Zakaria, M., Sheryar, S. and Rab, A. (2018). Seabirds As Bio-indicators of Marine Ecosystem. *In: Seabirds* (Mikkola, H. (Eds.). InTech Open Access, Publisher, Janeza Trdine 9, 51000 Rijeka, Croatia. **ISBN**: 978–953–51–6128–8.
- 2 **Rajpar, M.N.** (2018). Tropical Forest Area An Ideal Habitat for Wide Array of Wildlife Species. *In: Tropical Forest – New Edition* (Sundarshana, P., Nageswara–Rao, M., Soneji, J.R. (Eds.). InTech Open Access, Publisher, Janeza Trdine 9, 51000 Rijeka, Croatia. **ISBN**: 978–953–51–5859–2.
- 3 **Rajpar, M.N.**, Zakaria, M., Ozdemir, I. and Rosli, Z. (2016). Fauna Diversity in Tropical Rainforest: Threats From Land Use Change. *In: Tropical Forests – The Challenges of Maintaining Ecosystem Services while Managing the Landscape* (Blanco, J.A., Chang, S. –C. and Lo, Y. –H. (Eds.). InTech Open Access, Publisher, Janeza Trdine 9, 51000 Rijeka, Croatia. **ISBN**: 978–953–51–2759–8. **DOI**: 10.5772.61920. Pp. 136.
- 4 **Rajpar, M.N.** and Zakaria, M. (2015). The Effects of Climate Change on Avian Diversity in High Altitude Wetland Habitats. *In: Effects of Climate Change on High Altitude Ecosystems* (Ozturk, M., Hakeem, K.R., Faridah-Hanum, I. and Efe, R. (Eds.). Springer Science + Business Media New York, USA. **ISBN**: 978–3–319–12858–0. Pp. 647.

Book Published

- 1 Zakaria, M. and **Rajpar, M.N.** (2014). *Birds of Wetlands in Peninsular Malaysia*. Universiti Putra Malaysia Press, Serdang Selangor Malaysia. **ISBN**: 978–967–344–414–4.