

# LIMA ROSALIND

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Lima Rosalind has led transformative projects in biodiversity conservation, environmental education, and community engagement. Her work includes pioneering research on endangered species, developing conservation education strategies for national parks, and designing world-class interpretation centres. She has empowered communities through sustainable livelihood initiatives and conducted impactful workshops on climate change and low-carbon practices. With a legacy of leadership and innovation, her contributions have significantly advanced conservation efforts in India and beyond.

**EXPERTISE:** Biodiversity Specialist, Conservation Education, Wildlife Research, Capacity Building and Training, Urban Gardening, Sustainable Livelihoods, and Interpretation of Natural and Cultural Heritage Sites

**Lima Rosalind** is an accomplished conservationist with over 35 years of extensive experience in biodiversity conservation, wildlife research, and environmental education. With a Master's degree in Marine Zoology from the University of Bombay and as a PhD scholar in Conservation Science, she has dedicated her career to fostering a sustainable future through strategic conservation initiatives, capacity building, and education. She is the Founder-Director of the Green Future Foundation and an active member of the International Union for Conservation of Nature (IUCN) Commission on Education and Communication.

Her expertise spans a range of areas, including biodiversity conservation, environmental education, sustainable livelihoods, and the development of nature interpretative facilities such as visitor centres, nature trails, and outdoor exhibits. She is also deeply engaged in creating awareness about climate change and advocating for sustainable practices through education and policy recommendations.

Her professional journey began at the Bombay Natural History Society (BNHS), where she worked as a Field Biologist and later as a Research Officer, leading numerous ecology projects on endangered species and bird migration. She was instrumental in designing conservation education materials and setting up interpretation facilities at various national parks. This role laid the foundation for her expertise in bridging the gap between research and public awareness.

As Programme Coordinator at the Centre for Environment Education (CEE), Ahmedabad, Lima played a pivotal role in managing interpretation programmes for critical wetland habitats and training forest officers in conservation education. She contributed to the development of education strategies for national parks, enhancing awareness and conservation efforts across India. Her work also extended to advising international agencies such as the UNDP on conservation education strategies.

In her role as Director of Environment Education at WWF-India, she spearheaded nationwide environmental education programmes. This included leading the Nature Clubs of India movement, coordinating partnerships with NCERT and CBSE, and implementing community-based conservation initiatives. She also guided the development of interpretation centres and sustainable management systems for protected areas and nature parks.

Since founding the Green Future Foundation in 2011, Lima has focused on creating impactful solutions for biodiversity conservation, capacity building, and sustainable livelihoods. Under her leadership, the foundation has executed numerous projects, including visitor centres, nature trails, and community engagement initiatives. She has also consulted with various organisations, including GIZ and the Wildlife Institute of India, on biodiversity action plans and training manuals for human-wildlife conflict mitigation.

Lima has published widely in peer-reviewed journals and natural history magazines, contributing valuable insights into biodiversity conservation and environmental education. Her work has been recognised through memberships in esteemed organisations such as the Bombay Natural History Society, the Madras Naturalists Society, and the National Association for Interpretation. With a deep passion for nature conservation and education, Lima Rosalind continues to drive impactful change in the field of conservation, inspiring communities and organisations to adopt sustainable practices and protect our planet's biodiversity.

## PROJECT HIGHLIGHTS

### Biodiversity and Wildlife Conservation Projects

- **Bird Hazard to Aircraft Project:** Conducted surveys on vultures and kites near airports and garbage dumps, including feather identification for bird strike investigations.
- **Black-necked Crane Conservation:** Studied the ecology and breeding habitats of Black-necked Cranes in Ladakh's high-altitude wetlands.
- **Bengal and Lesser Florican Research:** Carried out ecological studies and developed conservation strategies for these endangered grassland birds in Manas National Park and other regions.
- **Bird Migration Studies:** Conducted bird ringing and migration research at Point Calimere Wildlife Sanctuary, Tamil Nadu.

### Conservation Education and Interpretation

- **Conservation Education Project (BNHS):** Designed and implemented education programmes, developed nature trails, and established interpretation facilities in protected areas like Sanjay Gandhi National Park and Keoladeo National Park.
- **National Parks Interpretation (CEE):** Developed education strategies for Chilika Lagoon, Bhoj Wetlands, and Kanha National Park, and trained forest officers and local stakeholders in conservation education.
- **Nature Clubs of India Movement (WWF-India):** Spearheaded environmental education initiatives, nature camping activities, and community conservation efforts.

### Sustainable Livelihoods and Community Engagement

- **Ranthambhore National Park Livelihood Programme:** Worked on alternative livelihoods, microfinance, and advanced farming practices for communities around Ranthambhore National Park, Rajasthan.
- **Keoladeo National Park Community Workshops:** Conducted awareness and capacity-building workshops on government schemes, rainwater harvesting, and tree plantation

### Visitor Centres and Interpretation Facilities

- **Sariska National Park Visitor Centre:** Established a visitor centre with exhibits, dioramas, and interactive features in collaboration with the Rajasthan Forest Department.
- **Chhatbir Zoo and Ropar Wetlands:** Designed visitor centres, nature walkways, and interpretation exhibits under a Punjab Tourism initiative funded by the Asian Development Bank.
- **Airoli Marine and Mangrove Biodiversity Centre:** Developed content for digital interpretation and interactive displays at Thane Creek, Mumbai, in collaboration with GIZ and the Maharashtra Forest Department.
- **Green Canopy Interpretation:** Residence of Madam Sheila Dikshit (3 Motilal Nehru Place, New Delhi), Former Chief Minister of Delhi, Govt of New Delhi, Department of Environment.

### Climate Change and Low-Carbon Initiatives

- **Low-Carbon Practices Workshops:** Conducted teacher training workshops in seven Indian cities on reducing carbon footprints and climate change mitigation.
- **Composting and Urban Gardening for Corporates:** Led workshops for organisations like HSBC and GE Money on sustainable waste management.

These projects highlight Lima Rosalind's extensive expertise in biodiversity conservation, community engagement, environmental education, and visitor facility development.

## PROFESSIONAL JOURNEY

1. **Green Future Foundation (GFF) – Founder and Director** (2011 to Present)
2. **Independent Consultant – Consultant** (2008 to 2011)
3. **World Wide Fund for Nature (WWF-India) – Director, Environment Education** (2004 to 2008)
4. **Centre for Environment Education (CEE) – Programme Coordinator** (1996 to 2004)
5. **Bombay Natural History Society (BNHS) - Field Biologist** (1984-1989) and **Research Officer** (1989-1996)

## KEY WILDLIFE SPECIES FOCUSED

- **Black-necked Crane** – Studied its habitat and ecology in the high-altitude wetlands of Ladakh.
- **Bengal Florican** – Conducted extensive ecological studies in Manas National Park, Assam, and other regions in India.
- **Lesser Florican** – Worked on its status and ecology as part of her research on endangered birds.
- **Siberian Crane** – Conducted field studies in Keoladeo National Park, Rajasthan, a critical habitat for this species.
- **Andaman Wild Pig** – Studied its distribution and relationship with local communities in the Andaman Islands.
- **Migratory Waterfowl** – Participated in bird ringing and migration studies at Point Calimere Wildlife Sanctuary, Tamil Nadu.
- **Vultures and Kites** – Investigated their behaviour and impact on aircraft safety as part of the Bird Hazard to Aircraft Project.

## TRAININGS

- Conservation Leadership at WWF College, Netherlands.
- Conservation Education at the Jersey Zoo, Channel Islands, Trinity, Jersey.
- Environment Education Certificate Course at NAEE, UK.
- Conservation Education for the Outdoors at Amberley Wild Brooks, West Sussex, UK.
- Field Teaching Techniques, Reserve Management, and Time Management training in the UK, sponsored by the Overseas Development Administration and organised by the Royal Society for Protection of Birds.

## PUBLICATIONS

### Research Reports

- *Survey of the Bengal Florican in West Bengal and its Ecology in Manas National Park (1986).*
- *Studies on the Habitat Ecology of the Blacknecked Crane in Ladakh (1986).*
- *An Ecological Study of Bird Hazards at Indian Aerodromes: A Report (1985, 1991).*
- *Ecology of the Bengal Florican in Manas Wildlife Sanctuary (1986-1989).*
- *Bird Migration Project Final Report (1987-1992).*
- *Baseline Survey Report, Conservation Education Project (1994).*
- *Communication and Change: Report on the Evaluation Survey (1996).*
- *Development of Environment Education in Protected Areas (1997).*
- *Conservation Education Strategy for Rajaji and Kanha National Parks (1998).*
- *National Biodiversity Strategy and Action Plan - India Document (2016).*

### Popular Articles

- "A Sojourn in Ladakh," *Hornbill* (1987).
- "Manas: Land of the Ulu Moira," *Hornbill* (1990).
- "A Point to Ponder," *Hornbill* (1991).
- "Antlers in the Grass," *Hornbill* (1991).
- "Conservation Education News," *Hornbill* (1994).
- "Nature-wise: Bird Watching," *Indian Express* (1997).
- "Mirage in the Rann," *CEE-NFS* (1997).
- "Bustards – Distribution, Habitat and Conservation," *WWF-Panda* (2005).
- "Bharatpur: People's Participation in Wetland Conservation," *WWF-Panda* (2006).
- "Environment Education Trends in India," *Edu Trends, Oxford University Press* (2007).
- "Ranthambore Facing the Tipping Point?" *Times of India, Jaipur* (2010).

## MEMBERSHIPS

1. Member of the Commission on Education and Communication, International Union for Conservation of Nature (IUCN).
2. Member of the Species Survival Commission - Pigs and Peccaries Specialist Group, IUCN.
3. Member of the Madras Naturalists Society, Chennai, India.
4. Member of the Bombay Natural History Society, Mumbai, India.
5. Member of the Youth Hostels Association of India.
6. Certified Professional Member of the National Association for Interpretation,

