



Syed Inzimam Ali Shah

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https://inaturalist.org/people/syed_inzimam | **Address:** Chitral, Pakistan (Home)

WORK EXPERIENCE

REGIONAL COORDINATOR GILGIT-BALTISTAN (VOLUNTEER) – PAKISTAN BUTTERFLY SOCIETY – 15/08/2023 – Current – PAKISTAN

- Coordinating butterfly research, documentation, and conservation.
- Engaging local communities, schools, and nature enthusiasts in awareness and citizen-science projects.
- Supporting national PBS initiatives, species recording, and habitat restoration efforts.

CITIZEN SCIENTIST / BIODIVERSITY CONTRIBUTOR (VOLUNTEER) – INATURALIST – 09/04/2024 – Current – PAKISTAN

- Recording and documenting species from Chitral Northern Pakistan on iNaturalist.
- Providing data for ecological research, species distribution mapping, and conservation planning.
- Participating in citizen-science projects with 226 observations until now.

EDUCATION AND TRAINING

02/05/2023 – 09/09/2025 Lahore, Pakistan

BS. ZOOLOGY Virtual University of Pakistan

The major modules I studied during this degree are:

- Ecology, Biodiversity & Evolution
- Wildlife Conservation & Ecosystems
- Animal Diversity: Invertebrates & Chordates
- Conservation Genetics & Genetic Resources
- Biostatistics & Research Methodology
- Laboratory Techniques

Final grade 3.92 / 4.0

13/09/2018 – 30/03/2021 Peshawar, Pakistan

B.SC. FORESTRY Pakistan Forest Institute

The major modules I studied during this course are:

- Biodiversity Conservation & MEAs
- Forest Ecology & Ecosystem Management
- Climate Change & REDD+
- Remote Sensing & Geographic Information Systems
- Wildlife & Fish Management
- Range Management & Watershed Management

Practical Training: During these two years we did extensive field training and tours across all the major forest types and ecosystems of Pakistan, from coastal mangrove forests in the southern most to the northern most alpine plains of the country. We gained hands-on experience in wildlife conservation and management, plantation techniques, community-based forestry practices, forest surveying and contouring, working plan preparation, and climate change adaptation strategies.

Final grade First Division (A)

Final grade A (74.8%)

Final grade A+ (86.9%)

● LANGUAGE SKILLS

Mother tongue(s): **KHOWAR**

Other language(s): **ENGLISH | URDU**

● PROFESSIONAL SKILLS AND CERTIFICATIONS

Skills

- R Programming
- Data Analysis and Visualization
- MS Office
- Research Methodology and Statistical Analysis
- Wildlife Identification and Biodiversity Surveys
- Field Documentation and Species Monitoring

Certifications: Ecology in R (**Udemy**), R for Researchers: From Basics to Advanced Analysis (**Udemy**), Introduction to Microsoft Excel (**Coursera Project Network**), Learn Microsoft Excel: From Zero to Hero (**Udemy**), Understanding Research Methods (**SOAS University of London**), Introduction to Statistics (**Stanford University**), Wildlife Conservation and Ecosystems (**Alison**), Wildlife Tracking and Monitoring (**Alison**), Introduction to Wildlife Conservation (**Alison**), Introduction to Ornithology (**Alison**), Migration (**The Open University**), Becoming a Climate Champion e-Course (**UN CC:Learn**)

Projects

- **Climate-Driven Snow Leopard Range Contraction** - Synthesis research linking 1.2-1.6°C warming to habitat abandonment in Chitral Gol National Park, Pakistan
- **Pakistan Biodiversity Hotspot Analysis** - Analyzed 5,902 species records; identified 12 national biodiversity hotspots (R, GBIF, ggplot2, Spatial Analysis)
- GitHub: https://github.com/Syedinzimam/pakistan_biodiversity_analysis
- **Species Distribution Modeling: Himalayan Ibex** - MaxEnt model (AUC=0.96) across 11 countries (R, MaxEnt, GIS, WorldClim Data)
- GitHub: https://github.com/Syedinzimam/SDM_Himalayan_Ibex
- **Conservation Priority Assessment: Birds of Gilgit-Baltistan** - Multi-criteria analysis of 17,685 observations, 441 species; identified 370 priority species (R, GBIF API, iNaturalist API, Spatial Analysis)
- GitHub: https://github.com/Syedinzimam/gb_birds_conservation
- Report: https://syedinzimam.github.io/gb_birds_conservation/reports/analysis_report.html
- **Butterfly Diversity of Booni, Upper Chitral** - 18-month field survey documenting 23 species with primary data collection (Field Photography, GPS, R Markdown, iNaturalist)
- GitHub: https://github.com/Syedinzimam/booni_butterfly_diversity
- Report: https://syedinzimam.github.io/booni_butterfly_diversity/reports/05_final_report.html

● COMMUNICATION AND INTERPERSONAL SKILLS

Soft Skills

- Teamwork & Collaboration
- Time Management
- Problem-Solving
- Adaptability
- Effective Communication