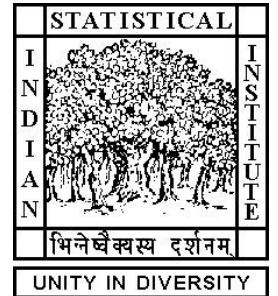


# Workshop on Species Distribution Modelling with MaxEnt - 3<sup>rd</sup> Chapter

February 16 - 20, 2026

Indian Statistical Institute, Kolkata

3<sup>rd</sup> chapter



In recent years a burgeoning number of statistical methods have been used to model species distribution. Maps of actual or potential species distributions are required for:

- Biodiversity assessment
- Species and habitat conservation
- Environmental risk assessment
- Invasive species management
- Predicting climate change impacts

## Who should attend

- Scientists / Postdocs / PhD students - working across a broad range of fields, including conservation biology, ecology and evolutionary biology

## Workshop agenda

- Ecological understanding of species distribution
  - Species niche concept
  - BAM framework
  - Geographic & environmental space
- Ecological explanation of MaxEnt
- Steps to build MaxEnt models
  - Occurrence data
  - Environmental variables
  - Model parameters
- Extrinsic model evaluation
  - Threshold dependent
  - Threshold independent (AUC)
- Multivariate niche visualization
- Running MaxEnt in R environment

## Registration is Now OPEN

- Number of seats: 50 | Fees: Rs. 5000 + 18% GST (Rs. 5900)
- Critical dates: Registration opens- 05 Jan | Closes- 31 Jan, 26
- Contacts: Abhishek Mukherjee (Agricultural & Ecological Research Unit, BSD) Email: [sdmworkshop.isi@gmail.com](mailto:sdmworkshop.isi@gmail.com)
- Webpage: <https://sdmworkshopisi.wixsite.com/sdm2026>



[Click Here to Register](#)  
(or scan QR code)

The goal of this workshop is to provide an understanding of the fundamental assumptions, theories of species distribution modelling and to present “best-practice” advice for data and model treatment