



## NTHRYS WORKSHOPS

# Phylogenetics In Conservation Biology

### 8:45 AM - 10:15 AM: Session 1: Phylogenetics for Conservation Genetics

Hands-on workshop on conservation genetics.

Protocols for using phylogenetics to study the genetic diversity and evolutionary potential of endangered species.

### 10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Inferring Population Decline and Recovery in Conservation

Practical session on population dynamics.

Protocols for modeling population decline and recovery in endangered species using genetic data and phylogenetic tools.

### 12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Phylogenetics of Species Divergence and Hybridization**

Hands-on training on species divergence.

Protocols for studying the phylogenetics of species divergence, hybridization, and adaptive evolution in conservation contexts.

### **2:30 PM - 2:45 PM: Short Break**

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Genetic Connectivity and Landscape Phylodynamics**

Practical session on landscape genetics.

Protocols for integrating genetic connectivity with landscape phylodynamics to inform conservation strategies for fragmented populations.

### **4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break**

Last networking opportunity with snacks.

### **4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption**

Group discussions on implementing new techniques learned today.

Dialogue on overcoming challenges in adopting new technologies in similar sectors.

Feedback session and closing remarks.

Certificate Issue

### **5:30 PM: Workshop Concludes**