

## **Full Course Curriculum**

# **Handling and Management of Confiscated Live Wildlife and Live Wildlife Crime Scene Investigation for Legal Representatives**

Introduction

### **Module 1. How to Secure and Record Evidence during Wildlife Crime/Trade Investigations?**

#### **Part 1. Before arriving at the crime scene**

- 1.1 Intelligence gathering
    - 1.1.1 Types of intelligence (includes 5WH)
    - 1.1.2 Sources of intelligence
    - 1.1.3 Intelligence analysis and use
  - 1.2 Legal considerations at crime scenes
  - 1.3 Preparation
- Quiz

#### **Part 2. Arrival at the Crime Scene**

- 2.1 Boundaries
- 2.2 Scientific method to follow for wildlife crime scene investigation
- 2.3 Safety precautions
- 2.4 Securing and protecting the scene
- 2.5 Initial walk-through and scene search
  - 2.5.1 Precautions for investigators conducting the initial walk through
  - 2.5.2 Scene Search
  - 2.5.3 Search patterns for crime scene investigation
- 2.6 Recording the evidence
  - 2.6.1 Note taking
  - 2.6.2 Photography
  - 2.6.3 Database
- 2.7 Gathering the Evidence
  - 2.7.1 Health and safety precautions
  - 2.7.2 Identification and labelling
  - 2.7.3 Transportation and storage

Quiz

### **Module 2 How to identify species during wildlife crime/trade investigations?**

#### **Part 1. Movement details/history**

#### **Part 2 Differentiation between Taxa (including Dichotomous Tree)**

- 2.1 Fish Species Identification (including eDNA, DNA Barcoding)
- 2.2 Amphibian Identification

- 2.3 Reptile Identification
- 2.4 Bird Identification
- 2.5 Mammal Identification

### **Part 3 DNA testing: Brief Note**

Quiz

### **Module 3. Sample collection and analysis**

- 3.1 Sample collection for DNA analysis for Species Identification Laboratory submission
- 3.2. Types of biological evidence for DNA analyses for species identification
- 3.3. Stable isotopes
- 3.4. Faecal analysis

Quiz

### **Module 4. Are the animals farmed or collected from the wild?**

- 4.1 Seller Assessment - Facilities & equipment
- 4.2 Animal examination
  - 4.2.1 Species
  - 4.2.2 Age
  - 4.2.3 Gender
  - 4.2.4 Markings/colouring
  - 4.2.5 Behaviour
  - 4.2.6 Body condition
  - 4.2.7 Animal identification in breeding facilities

Quiz

### **Module 9. Decision-Making Tree for Disposition of Confiscated Wildlife**

- 9.1 Decision-Making Tree for Disposition of Confiscated Wildlife
- 9.2 Decision Tree for Captive Options

Quiz