

## Checklist

### Advanced Field Assessment Techniques

#### 1. Trail Assessment Preparation

- Review assessment goals and objectives
- Familiarize yourself with the trail map and layout
- Gather necessary equipment and tools
- Bring standardized data collection forms
- Wear appropriate clothing and personal protective equipment (PPE)

#### 2. Advanced Assessment Techniques

- Geospatial analysis and mapping using GIS software
- Soil analysis and testing
- Hydrological assessments
- Wildlife and habitat assessments
- Social science methods (e.g., surveys, interviews, focus groups)
- Trail traffic counting and monitoring

## 3. Trail Features to Assess

- Detailed trail surface and subgrade condition
- Comprehensive drainage analysis
- In-depth evaluation of trail structures (e.g., bridges, boardwalks, retaining walls)
- Long-term vegetation management strategies
- Impact of trail design on user experience and environmental sustainability
- Connectivity and integration with other trails and transportation networks

## 4. User Experience and Safety

- In-depth analysis of user behavior and preferences
- Comprehensive evaluation of trail accessibility and inclusivity
- Systematic assessment of trail safety and risk management strategies
- Long-term user satisfaction and trail popularity trends

## 5. User Experience and Safety

- Detailed assessment of trail impacts on ecosystems and habitats
- Long-term monitoring of environmental changes and recovery
- Evaluation of trail design and management practices on environmental sustainability
- Collaboration with environmental specialists and stakeholders

## 6. Data Collection Consistency and Accuracy

- Follow established protocols for advanced data collection techniques
- Ensure data is recorded in a consistent and accurate manner
- Use specialized equipment and tools proficiently
- Document observations and findings clearly and concisely

## 7. Post-Assessment Activities

- Organize and analyze collected data using appropriate software and tools
- Share data and observations with the assessment team
- Participate in team discussions and analysis
- Contribute to the development of recommendations and reports
- Implement strategies for long-term monitoring and management

REMEMBER TO MAKE SAFETY YOUR NO. PRIORITY