Land-Use Planning for Wildlife Corridors Training Course

Professional Development Training Course Outline

Category	Wildlife Management	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Land-use planning for wildlife corridors is a critical approach in modern conservation and sustainable development practices. The rapid expansion of urbanization, agricultural land conversion, and infrastructure development has disrupted natural ecosystems, creating challenges for species movement and biodiversity conservation. This training course emphasizes the importance of integrated land-use strategies, ecological connectivity, and sustainable resource management to safeguard wildlife corridors while balancing human needs. By providing participants with practical skills and evidence-based approaches, this program highlights the role of planning in preserving ecosystem services and promoting resilient landscapes.

Land-Use Planning for Wildlife Corridors Training Course equips participants with tools to assess land-use impacts, apply innovative spatial planning techniques, and design adaptive strategies that protect biodiversity while fostering socio-economic growth. Through participatory training, interactive modules, and case-based learning, participants will gain practical expertise to address climate change challenges, mitigate human-wildlife conflicts, and build frameworks for sustainable land governance. The course combines scientific knowledge with policy insights, making it highly relevant for conservationists, planners, government agencies, NGOs, and private-sector stakeholders engaged in environmental stewardship.

Programme Curriculum

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Course Objectives

1. Strengthen understanding of land-use planning principles for wildlife corridor management.
2. Apply ecological connectivity models in conservation planning.
3. Develop spatial mapping and GIS applications for corridor design.
4. Integrate sustainable land-use practices into development projects.
5. Identify policy frameworks that support corridor protection.
6. Analyze impacts of infrastructure expansion on biodiversity.
7. Evaluate land-use conflicts and recommend mitigation strategies.
8. Apply participatory planning tools in multi-stakeholder contexts.
9. Understand climate change adaptation strategies for ecosystems.
10. Incorporate community-based conservation approaches.
11. Enhance skills in monitoring and evaluating wildlife corridors.
12. Design evidence-based corridor management plans.
13. Promote policy advocacy and governance for sustainable land use.

Organizational Benefits

- Strengthened institutional capacity in conservation planning.
- Improved project outcomes through sustainable land-use strategies.
- Enhanced stakeholder engagement in planning processes.
- Increased credibility in biodiversity protection initiatives.
- Strengthened policy advocacy and governance roles.
- Enhanced staff skills in GIS and spatial analysis.
- Greater ability to attract funding for conservation projects.
- Development of innovative solutions for human-wildlife coexistence.
- Improved compliance with global biodiversity commitments.
- Long-term sustainability of conservation and development programs.

Target Audiences

- Environmental policy makers
- Conservation planners
- Wildlife managers
- Urban and regional planners
- Environmental NGOs and advocacy groups
- Infrastructure developers
- Academic researchers and students

- Community-based organizations

Course Duration: 5 days

Course Modules

Module 1: Introduction to Land-Use Planning and Wildlife Corridors

- Fundamentals of land-use planning concepts
- Understanding wildlife corridor dynamics
- Global case examples of successful corridors
- Human pressures on natural habitats
- Principles of sustainable landscape design
- Case Study: Yellowstone to Yukon Conservation Initiative

Module 2: Ecological Connectivity and Biodiversity Conservation

- Importance of ecological networks
- Habitat fragmentation challenges
- Landscape-level biodiversity indicators
- Tools for connectivity assessment
- Integration with conservation policies
- Case Study: Terai Arc Landscape in Nepal and India

Module 3: GIS and Spatial Mapping Applications

- Basics of GIS in conservation
- Spatial analysis for land-use conflicts
- Corridor mapping techniques
- Remote sensing applications
- Data-driven decision making
- Case Study: GIS use in African Elephant Corridors

Module 4: Policy and Governance Frameworks

- National and international biodiversity policies
- Institutional roles in corridor planning
- Legal frameworks for conservation
- Policy gaps and opportunities
- Cross-sectoral governance approaches
- Case Study: European Green Infrastructure Strategy

Module 5: Climate Change and Corridor Resilience

- Climate threats to ecosystems
- Adaptive planning for resilience
- Role of corridors in species migration
- Integrating climate science into planning
- Mitigation and adaptation measures
- Case Study: Climate-resilient corridors in the Amazon Basin

Module 6: Participatory Planning and Stakeholder Engagement

- Role of communities in conservation
- Participatory tools and techniques
- Negotiating land-use conflicts
- Multi-stakeholder collaboration models
- Inclusive decision-making processes
- Case Study: Community involvement in Kenya?ÇÖs Amboseli Ecosystem

Module 7: Monitoring, Evaluation, and Corridor Management

- Monitoring biodiversity indicators
- Evaluation frameworks for planning projects
- Corridor management practices
- Role of technology in monitoring
- Reporting and adaptive management
- Case Study: Monitoring tiger corridors in India

Module 8: Designing Sustainable Land-Use Strategies

- Principles of integrated planning
- Trade-offs between development and conservation
- Innovative land-use solutions
- Funding and sustainability mechanisms
- Policy advocacy for long-term success
- Case Study: Sustainable land-use in Costa Rica

Training Methodology

- Interactive lectures with expert facilitators
- Case study analysis and discussions
- Practical GIS and mapping exercises
- Group-based participatory planning sessions
- Role-play simulations for conflict resolution
- Field-based learning (where applicable)

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

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