Park System Planning and Design 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

Park System Planning and Design Training Course equips professionals with advanced knowledge, practical frameworks, and innovative strategies for creating sustainable park systems that enhance community wellbeing, conserve biodiversity, and promote green infrastructure. This course focuses on aligning ecological resilience with recreational needs, ensuring that participants gain the capacity to design multifunctional parks that serve both environmental and social purposes. By integrating data-driven design, urban sustainability models, and inclusive community engagement practices, learners will build the competencies necessary to transform public spaces into thriving urban ecosystems.

This comprehensive training emphasizes modern approaches to park design, ecosystem services, and spatial planning while addressing pressing challenges such as climate adaptation, population growth, and limited land availability. Participants will explore global best practices, policy integration, and case studies that highlight innovative solutions for resilient park systems. The course is designed to develop professionals who can balance environmental stewardship with economic feasibility, ensuring that park planning contributes to healthier, more livable, and future-ready cities.

Programme Curriculum

Park System Planning and Design Training Course

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Course Objectives

1. To understand the principles of sustainable park system planning and design.
2. To explore the integration of green infrastructure into park system planning.
3. To develop skills in urban landscape design for multifunctional spaces.
4. To analyze strategies for enhancing community engagement in park development.
5. To apply ecosystem-based approaches to sustainable park management.
6. To evaluate policy frameworks that guide urban park system planning.
7. To integrate climate change adaptation strategies in park system design.
8. To strengthen competencies in spatial planning and GIS applications.
9. To assess financial models and economic feasibility in park development.
10. To examine innovative technologies shaping park system sustainability.
11. To explore global case studies on successful park planning frameworks.
12. To enhance capacity for participatory decision-making in urban parks.
13. To develop strategic approaches to inclusive and equitable park access.

Organizational Benefits

1. Enhanced capacity to implement sustainable urban development projects.
2. Improved stakeholder engagement and community involvement practices.
3. Strengthened alignment of park planning with national development goals.
4. Access to innovative frameworks for cost-effective park design.
5. Increased knowledge of climate-smart green infrastructure strategies.
6. Improved ability to integrate environmental, social, and economic objectives.
7. Adoption of cutting-edge GIS and digital mapping tools.
8. Greater organizational competitiveness in delivering public value projects.
9. Expanded opportunities for global partnerships and funding.
10. Strengthened ability to design inclusive and accessible public spaces.

Target Audiences

1. Urban planners and landscape architects
2. Environmental and sustainability officers
3. Municipal and regional government officials
4. Civil engineers and infrastructure developers
5. Policy makers and regulatory authorities
6. Non-governmental organizations in urban development
7. University researchers and academics in urban studies
8. Community development practitioners

Course Duration: 5 days

Course Modules

Module 1: Fundamentals of Park System Planning

- Introduction to sustainable park system principles
- Importance of ecological balance in park planning
- Integration of recreation and conservation objectives
- Global best practices in park design
- Emerging trends in urban parks
- Case study: Central Park, New York City

Module 2: Green Infrastructure and Ecosystem Services

- Principles of green infrastructure in urban settings
- Enhancing biodiversity through park design
- Role of parks in stormwater management
- Carbon sequestration and climate resilience
- Linking parks with urban green networks
- Case study: Singapore?ÇÖs Gardens by the Bay

Module 3: Community Engagement and Inclusivity

- Stakeholder mapping and analysis
- Tools for participatory park design
- Social equity in park accessibility
- Addressing cultural diversity in park systems
- Building partnerships with local communities
- Case study: Millennium Park, Chicago

Module 4: Climate Adaptation Strategies in Park Systems

- Designing climate-resilient park landscapes
- Water-sensitive urban design in parks
- Mitigation of heat island effects
- Role of native vegetation in resilience
- Climate-responsive recreational spaces
- Case study: Copenhagen Climate-Resilient Neighborhoods

Module 5: Spatial Planning and GIS Applications

- Role of GIS in park system design
- Mapping urban green corridors
- Spatial analysis for park accessibility
- GIS-based decision support systems
- Integration of remote sensing in planning
- Case study: GIS application in Vancouver?ÇÖs Greenest City Plan

Module 6: Policy and Governance Frameworks

- National and regional park planning policies
- Legal frameworks for public space development
- Institutional coordination mechanisms

- Policy gaps and reform strategies
- International agreements on urban sustainability
- Case study: European Green Capital Framework

Module 7: Financial Models and Resource Mobilization

- Public-private partnerships in park financing
- Cost-benefit analysis of park projects
- Innovative financing mechanisms
- Economic valuation of ecosystem services
- Budgeting for long-term park sustainability
- Case study: High Line Park, New York

Module 8: Innovation and Future Trends in Park Design

- Smart technologies in urban parks
- Digital mapping and virtual reality applications
- Integration of renewable energy in parks
- Multi-functional design for future cities
- Innovations in park maintenance systems
- Case study: Smart Parks in the Netherlands

Training Methodology

- Interactive lectures and expert presentations
- Group discussions and peer-to-peer learning
- Hands-on exercises using GIS and mapping tools
- Real-life case study analysis and simulations
- Field-based learning and site visits
- Action planning for workplace application

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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