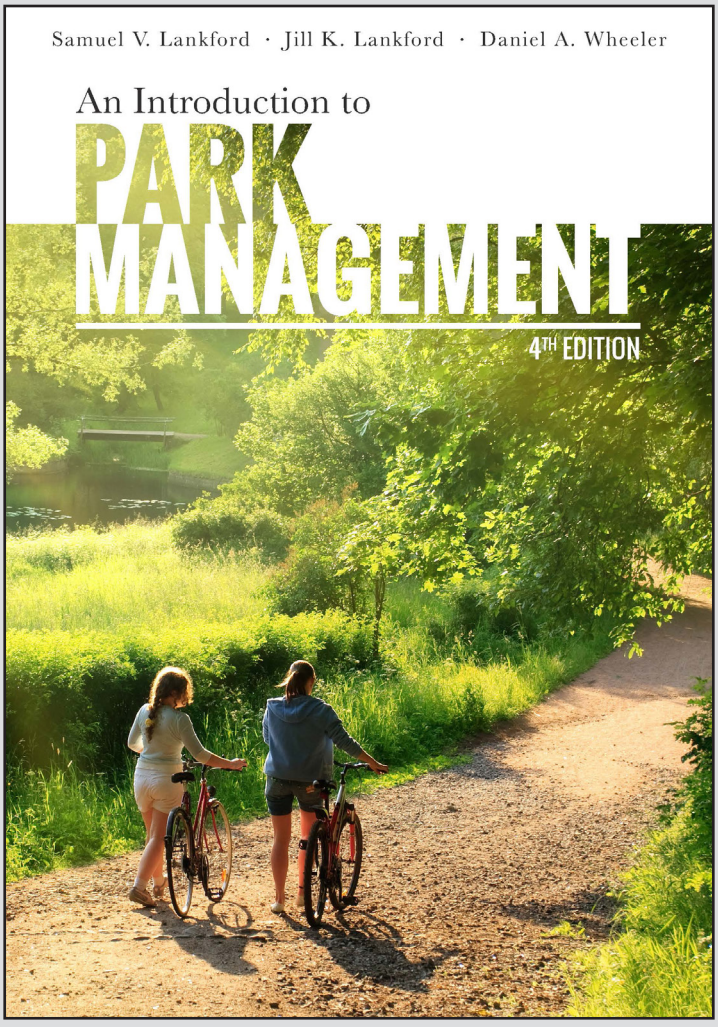
INSTRUCTOR'S GUIDE



SAGAMORE VENTURE

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1 An Overview of Park Management

LEARNING OBJECTIVES

- Understand the role of the park lands in terms of sustainability
- Identify the range of ecosystem functions and services that park lands can support if managed appropriately
- Identify the range of areas considered as parks and who manages these areas
- Understand the origins of park management

DISCUSSION QUESTIONS

- What are the four categories of ecosystem services as defined by the United Nations in the Millennium Ecosystem Assessment and how can recognition of these services affect park management policy and practice?
- Describe the differences among federal land management agencies as expressed through their mission statement?
- How has the historical development of the park influenced park management today?

USEFUL WEBSITES

http://www.fs.fed.us/land/staff/LWCF/Final%20DOIUSDA%20Land%20Acquisition%20Report%20to%20Congress.pdf
http://www.ecotrust.org/
http://www.naspd.org/
http://www.nature.nps.gov/stats/abstracts/abst2009.pdf
http://corpslakes.usace.army.mil/nrm.cfm
http://www.usbr.gov/

SAMPLE TEST QUESTIONS

1. What are the two common categories used to describe recreation areas?
   a. Activity-oriented structured recreation and resource-oriented nonstructured recreation
2. What does management of a resource-oriented park mean?
   a. Providing safe access for visitors while protecting the resource
3. The complexities of park management jobs require a thorough understanding of the principles of managing people having _____.
   a. Fun
4. The first direct federal involvement in the management of a park in the United States started after the establishment of what national park?
   a. Yellowstone National Park

2 Organizational Structure

LEARNING OBJECTIVES

- Understand the role of the park agency among other in government
- Understand the organization of the park

DISCUSSION QUESTIONS

- What collaborative efforts are created through partnership management?
- What are the factors considered vital to agency development?

USEFUL WEBSITES

http://www.honolulu.gov/parks/facility/hanaumabay/information.htm
http://www.azstateparks.com/board/index.html
http://www.nps.gov/partnerships
http://www.nps.gov/partnerships/about.htm
http://www.nps.gov/partnerships

SAMPLE TEST QUESTIONS

1. The lead section of the document should be an agency organizational chart showing the specific job titles and who fills each position. Normally this would include the head of the agency and subordinates at least how many ranks deep on the organizational chart?
   a. Three
2. What is the term used to gauge the ability of an individual to successfully supervise the work of subordinates?
   a. Span of Control
3. Which control is set up to regulate employment practices such as Americans with Disabilities Act?
   a. Personnel
4. A park board is directly responsible to the voting public.
   a. True

3 Park Management Policies

LEARNING OBJECTIVES

- Resource Policy Formation, Laws and Executive Orders
- Policy Development and Change
- Environmental Policy
- Implementing Policy

DISCUSSION QUESTIONS

- Why should the head of an agency and other staff members be involved in policy development for an organization?
- What were the short and long-term implications for formal policies associated with stewardship of outdoor natural resources and recreation?

USEFUL WEBSITES

http://www.tams.act.gov.au/__data/assets/pdf_file/0005/45734/motorsportsnoise_envprotpol.pdf
http://www.co.chisago.mn.us/file.aspx?Id=8f78d24d-1fe3-42ea-b3c9-082f402e6a86
http://www.toronto.ca/parks/dogs.htm
http://findarticles.com/p/articles/mi_m1145/is_5_37/ai_86505437/?tag=content;col1
http://fwp.mt.gov/parks/permits/default.html
http://www.oag-bvg.gc.ca/internet/English/parl_oag_199611_31_e_5062.html
http://www.rff.org/News/Features/Pages/OutdoorResourcesReviewGroup-BackgroundStudy.aspx
http://findarticles.com/p/articles/mi_m1145/is_1_37/ai_82743101/
http://www.state.tn.us/environment/parks/policies.shtml
http://www.threeriversparks.org/activities/dog-off-leash-policies.aspx

SAMPLE TEST QUESTIONS

1. When new employees are hired, policies should be discussed with them as a regular part of what kind of training?
   a. Introductory
2. Which U.S. National Park included the first instance of federal policy in the matter of outdoor recreation?
   a. Yellowstone National Park (1872)
3. Who was the Director of the National Park Service during the first state park conference in 1921?
   a. Stephen Mather
4. What Act established a new program to identify and preserve historical sites and structures?
   a. National Historic Preservation Act

4 Recreation Law and Risk Management

LEARNING OBJECTIVES

- Understand the laws by which park agencies must operate
- Understand the responsibilities agencies and park managers assume when operation takes place
- Identify local governments, agencies, courts, and legislative bodies affecting park managers
- Gain awareness of facts, opinions, and rulings concerning laws that affect park personnel
- Understand liability, torts, investigating accidents, and submitting claims

DISCUSSION QUESTIONS

- What are the differences between a trespasser, licensee, and an invitee?
- What is your state's process for handling tort claims?

USEFUL WEBSITES

http://www.peer.org/news/news_id.php?row_id=1242
http://dnr.wi.gov/org/land/parks/trails/pdf/trail_incident_report.pdf

SAMPLE TEST QUESTIONS

1. Visitors acting without full realization of potential problems if they miss the warning signs and somehow get past the barriers. These visitors could be considered what kind of risk-takers?
   a. Unaware
2. What type of person enters a landowner's property without permission?
   a. Trespasser
3. What type of law is applicable when no specific statute or constitutional provision controls an issue?
   a. Common Law
4. A civil wrong inclusive of injury or damages not arising from a contractual relationship is called what?
   a. A tort

5 Funding and Budgetary Issues

LEARNING OBJECTIVES

- Understanding the key job requirements for the fiscal manager of a park agency
- Knowing how park personnel can involve themselves in politics and encourage others to do so to gain effective financial support
- Comprehend the space or privilege within parks for subsidiary business known as concessions
- Incorporating a budget, operating within it, and knowing the differing types

DISCUSSION QUESTIONS

- Identify a parks and recreation organization in your city. Which of the sources of revenue does the organization use as a part of the budgetary process?
- What are the differences between general obligation bonds and special assessment bonds?

USEFUL WEBSITES

http://dnr.state.il.us/lodges/becoming.htm
http://www.oakparkparks.com/NewsandInformation/OPPD%20Final%20AFR%2012-08.pdf
http://www.oakparkparks.com/AboutUs/CurrentFinances/B&A%20ORDINANCE%202009.pdf
http://www.penmetparks.org/media/DIR_14401/2010$20Budget$20091116.pdf
http://concessions.nps.gov/
http://www.nps.gov/lame/parkmgmt/businesswithpark.htm

SAMPLE TEST QUESTIONS

1. List the three funds in which all park revenues should be placed.
   a. General, Dedicated, and Revolving
2. True or False? A budget is a fiscal road map to aid the agency in getting where it wants to go within the laws governing the agency.
   a. True
3. Which type of bond does not have the full faith and credit of the municipality?
   a. Revenue bond
4. True or False? An internal auditor will prevent misappropriation of funds and the elimination of improper fiscal procedures.
   a. True

6 Personnel Management

LEARNING OBJECTIVES

- Learn that the greatest percent of the total operating costs will be for personnel wages and fringe benefits
- Effective personnel management; blending of two distinct competencies
- Knowledge of the mechanics of administration, such as hiring, types of positions, and conditions of employment
- Learn the ability to lead and inspire others

DISCUSSION QUESTIONS

- Why is it important to be as uniform as possible when recruiting and interviewing candidates for a vacant position at an organization?
- What does a strong affirmative action plan within an organization show associated with personnel?

USEFUL WEBSITES

http://www.parks.ca.gov/default.asp?page_id=22567
http://www.trentu.ca/org/tfpa/iucn.htm
http://www.miamidade.gov/hr/labor_relations_evaluations.asp
http://www.nps.gov/training/policies.htm
http://mypeoplepc.com/members/chingwe/trailsinc18thcentury/id17.html

SAMPLE TEST QUESTIONS

1. How many employees need to be considered for a vacant position?
   a. All employees
2. True or False? Violation of the law is not cause for disciplinary action.
   a. False
3. The greatest percentage of total operating costs is associated with which two areas of the organization?
   a. Personnel wages and fringe benefits
4. Which employment positions are also referred to as “covered” positions?
   a. Civil service positions

7 Maintenance and Safety

LEARNING OBJECTIVES

- Identify that park maintenance program are to keep the park environment clean, healthy, and safe and to conserve public monies by conscientious care of facilities and lands
- Identifying potential management concerns or issues before they become problematic
- Understanding the following factors affect the park's maintenance operation: type of visitor use, interpretation of areas, seasons of use, original design, latitude, altitude, labor relations, and environmental factors, such as weather, topography, soil type, and vegetative cover

DISCUSSION QUESTIONS

- Why is maintenance considered a deterrent to vandalism?
- Elaborate on the following statement: "Maintenance problems are, at least in part, the result of poor planning and design."

USEFUL WEBSITES

http://www.ilsr.org/pubs/pubswtow.html.
www.nps.gov/training/tel/guides/jha_pguide_010605.pdf.

SAMPLE TEST QUESTIONS

1. What item should serve as a ready reference for new employees to remember the details of a particular maintenance activity?
   a. The Maintenance Manual
2. Should park managers make routing safety and maintenance inspections?
   a. Yes
3. Which types of maintenance service are done on a regular basis; for example, mowing or changing the oil in a park vehicle?
   a. Routine and planned maintenance services
4. The most successful waste disposal system should increase/decrease the park visitor's role and increase/decrease the staff involvement with disposal
   a. Increase and decrease

8 Citizen Participation and Involvement

LEARNING OBJECTIVES

- Understand that citizens can be involved in park management by performing tasks under agency supervision, by participating in decision making through information input, or by belonging to a special interest group
- Identify that within a park agency, the person responsible for decision making must obtain advice from stakeholders. This can come from within the agency, from other agencies, and from private citizens or groups of citizens.
- Understand that citizens provide assistance in the decision-making process and play an important role in the implementation of decisions

DISCUSSION QUESTIONS

- What are ways that citizens play an important role in the decision-making process of parks and recreation organizations?
- Why is the employee considered the most important person in public relations?

USEFUL WEBSITES

http://www.bendparksandrec.org/Planning__Development/
http://www.parks.ca.gov/pages/735/files/vipp%20guidelines%202003.pdf
http://www.state.tn.us/environment/recreation/pdf/cbtmanual.pdf
http://www.friendsofhanaumabay.org/
http://minneapolisparks.org/default.asp?PageID=163
http://www.nrpa.org/uploadedFiles/Connect_and_Share/The_NRPA_Network_%28Socnet_Function%29/Independent%20Citizen%20Board%20Member%20Resource%20Guide.pdf
http://www.oregon.gov/LCD/docs/publications/putting_the_people_in_planning.pdf
http://www.stonemountainpark.org/
http://www.parks.ca.gov/pages/735/files/vipp%20guidelines%202003.pdf

SAMPLE TEST QUESTIONS

1. True or False? One of the reasons for volunteering includes a desire to serve.
   a. True
2. Can and should volunteers be evaluated in the same way as employees?
   a. Yes
3. What type of program involves volunteers taking a course to educate them for working with park visitors in a teaching capacity?
   a. Docent programs
4. What type of meeting follows a specific set of rules for conduct, includes the opportunity for citizens to make formal presentations and publicly have their viewpoints recorded?
   a. Hearing

9 Planning, Acquisition, and Development of Parks

LEARNING OBJECTIVES

- Learning to deal with the consequences of planning in general and in more specific ways
- Introduce the student or manager to an important phase of park agency operations
- Give insight into the responsibilities and difficulties may illuminate some park management problems
- Understand that planning not only plays into land acquisition and classification, but it is also inherent in areas covered in this book such as facilities, policy, fiscal management, personnel management, and citizen involvement

DISCUSSION QUESTIONS

- What are the main areas of concern associated with planning that impacts managers?
- What are the important points of the Trust of Public Land, or TPL, associated with government ownership?

USEFUL WEBSITES

http://www.americantrails.org/mission.html
http://www.ebparks.org/planning.
http://www.dep.state.fl.us/lands/acqprocess.htm
http://www.maximtechnologies.com/newworld/flowchart.htm
http://www.nps.gov/.../jha_pguide_010605.pdf
http://www.nps.gov/sacn/parkmgmt/loader.cfm?csModule=security/getfile&pageid=81875
http://www.state.nj.us/transportation/works/studies/rt57/pdf/LandAcquisitionandScenicEasements..pdf
http://www.railstotrails.org/ourWork/index.html
http://www.scenic.org/byways.
http://www.seattle.gov/parks/Publications/Development/Plan2006.pdf
www.fws.gov/endangered/landowner.

SAMPLE TEST QUESTIONS

1. Acquiring needed parklands has become increasingly difficult or easy in urban areas?
   a. Difficult
2. True or False? The process of completing a park with facilities ready to serve the public is an easy process.
   a. False
3. What fund was established for acquiring land to ensure public access to outdoor recreation resources and to protect critical resources?
   a. The Land and Water Conservation Fund
4. What right is exercised when a court ruling states that the government agency needs an area of land for the welfare of the public?
   a. Eminent Domain

10 Park Facilities

LEARNING OBJECTIVES

- Understand that facility location and design can also contribute to the degradation of the resource
- Give careful consideration to the location of every facility within a park to maximize use and control for user behaviors
- Understanding of facilities, their relationships, and their use is important to the design of new facilities or the remodel of existing facilities.
- Gain knowledge of the process used for facility design is critical to creating a visitor experience that complements park resources

DISCUSSION QUESTIONS

- Why is it important to involve the public in meaningful discussions associated with planning and designing facilities for public use?
- What are ways that a manager can encourage energy conservation among facility users without significantly impacting their experience?

USEFUL WEBSITES

https://bookstore.transportation.org/item_details.aspx?ID=104
http://www.acacamps.org/accreditation
http://www.access-board.gov/outdoor/preamble.htm.
http://www.nps.gov/pub_aff/access/index.htm
http://www.americantrails.org/resources/accessible/ADAcoloDec.html
http://www.access-board.gov/ada/index.htm
http://www.access-board.gov/outdoor/index.htm
http://www.ada.gov/regs2010/2010ADAStandards/2010ADAstandards.htm
www.andropogon.com/www.accessiblenaturetravel.com

SAMPLE TEST QUESTIONS

1. These structures are used by lifeguards while on duty at swimming beaches.
   a. Lifeguard Towers
2. In what area of the park would you find a launching ramp, dock, and fuel facilities?
   a. Boating Area
3. True or False: Walking and hiking trails do not need to be in compliance with the Americans with Disabilities Act.
   a. False
4. True or False: Most interpretive areas are intended for day usage.
   a. True

11 Environmental Management Issues

LEARNING OBJECTIVES

- Gain awareness of the environmental issues that pertain to the land and water areas in which they visit and work
- Gain an understanding of the notions of conservation, ecosystems, and the natural environment, as well as some of the management strategies
- Know that park managers may be referred to as conservationists. It is important to note that conservation implies use of the resource

DISCUSSION QUESTIONS

- Speculate on which general issues of ecosystem management could be concerns at a local park or recreation facility/area near your residence.
- What are the factors that park managers can control related to life expectancy of a lake?

USEFUL WEBSITES

http://sis.agr.gc.ca/cansis/nsdb/detailed/intro.html)
http://parks.state.co.us/NR/rdonlyres/07BCFAC1-269B-42CC-BDDF-7B1EA3FA556D/0/Section7SCORPStrategicPlanandConclusion.pdf)
http://eusoils.jrc.ec.europa.eu/data.html)
http://www.iucn.org/what/tpas/biodiversity/solutions/
http://www.state.hi.us/dlnr/dofaw/pubs/TrailAnalysis/NAH_study.pdf
http://www.nature.nps.gov/yearinreview/yir2006/01_b.html.
http://wilderness.nps.gov/factsnew.cfm
http://www.nature.nps.gov/geology/soils/index.cfm
http://www.derm.qld.gov.au/land/management/erosion/index.html
http://www.wild.org/main/about/what-is-a-wilderness-area/
http://www.fws.gov/coastal/
http://www.fhwa.dot.gov/environment/fspubs/02232821/page02.htm

SAMPLE TEST QUESTIONS

1. Should park managers feel uncomfortable about a lack of soil knowledge?
   a. No
2. Do pollutants enter a river upstream or downstream from a recreation area?
   a. Upstream
3. True or False: Wet soils are susceptible to wind erosion.
   a. False
4. What is the chief cause of erosion?
   a. Water

12 User Conflict Management

LEARNING OBJECTIVES

- Understand the conflicts between recreational and nonrecreational users of the land, the conflicts among recreation users themselves, and the conflicts between park managers and other entities.
- Understand a number of reasons exist as to why these conflicts happen, such as grazing and extraction activities, crowding, expectations of users among other things
- Understand the real issue is how conflict is managed will determine its toxicity; thus the conflict-management process is of imminent importance

DISCUSSION QUESTIONS

- How have land-use attitudes evolved since the beginning of the 20th century?
- What is the difference between in-group and out-of-group conflicts?

USEFUL WEBSITES

http://www.srs.fs.usda.gov/sustain/draft/socio6/socio6.htm
http://www.americantrails.org/resources/ManageMaintain/ActionArticGambill.html
http://www.nps.gov/.../knotek.pdf
http://www.nps.gov/romo/parkmgmt/upload/final_master_plan.pdf
http://www.dnr.state.wi.us/planning/scorp/plan/WIS_2005-

SAMPLE TEST QUESTIONS

1. In what year was the Forest and Rangeland Renewable Resources Planning Act established?
   a. 1974
2. True or False? The recreation activities scene is one of little change.
   a. False
3. What U.S. Department has led the way in research on the social and behavioral issues within conflict management in natural resources areas?
   a. Department of Agriculture Forest Service
4. What type of research is conducted by social scientists with specialties in rural and urban sociology, environmental and social psychology, human geography, and political science?
   a. Community Research

13 Vandalism

LEARNING OBJECTIVES

- Understand vandalism is a significant management issue with far-reaching impacts on community, aesthetics, staffing, security, and budgetary concerns
- Understand that the terms vandal and vandalism need to be used advisedly and try to see beyond to the person, the setting, and the motive
- Consider the different types of motives that underline vandalism

DISCUSSION QUESTIONS

- What are the six motives associated with vandalism?
- How does the psychology of the group or individual lend to acts of vandalism?

USEFUL WEBSITES

http://azstarnet.com/news/state-and-regional/article_8676c7f0-2961-5c6b-ba27-556094f5e999.html.
http://www.cityofboise.org/Departments/Parks/CaringForParks/ParkServices/page5968.aspx
http://www.nps.gov/seac/coping/2-des-wil.htm
http://helenair.com/news/article_3ed0079e-438b-11df-818b-001cc4c002e0.html
http://www.kingcounty.gov/environment/dnrp/newsroom/newsreleases/2005/june/0613Parkvandalism.aspx
http://www.knoxcounty.org/current09/parks_deter_vandalism.php

SAMPLE TEST QUESTIONS

1. True or False? The term “vandalism” has a precise definition.
   a. False
2. List three (3) examples of a typical act of vandalism.
   a. See pages 219 and 220.
3. Shortcutting trails is an example of what type of vandalism?
   a. Erosive vandalism
4. Violence that is seen as a release of frustration is what type of vandalism?
   a. Malicious vandalism

14 Law Enforcement

LEARNING OBJECTIVES

- Learn to ensure protection of visitors, resources, and facilities
- Understand that depreciative behavior is a serious problem and is one that is increasing in scope and cost annually
- Understand that a wide variety of activities ranging from simple nuisance acts like improper water disposal to serious legal violations, such as theft, drug use, drug sale, vandalism, and assault, which sometimes results in injury to officers and others

DISCUSSION QUESTIONS

- Identify a park near you; through research on that park, are there any recent activities that are "depreciative" in nature that have detrimentally impacted that park?
- What are differences associated with park law enforcement between the United States and Canada?

USEFUL WEBSITES

http://www.african-parks.org
http://www.csmonitor.com/2005/0808/p03s01-ussc.html
www.fletc.gov/training/programs/
http://www.nps.gov/policy/dorders/dorder9.html
http://www.npr.org/templates/story/story.php?storyId=103866520
http://www.fs.fed.us/psw/publications/documents/psw_rp253/psw_rp253.pdf

SAMPLE TEST QUESTIONS

1. Have job descriptions for park employees seen an increase or decrease of including police training?
   a. Increase
2. True or False? The National Park Service rangers have full law enforcement authority.
   a. True
3. What are three factors necessary for a crime to occur?
   a. The desire to commit an act
   b. The will to commit an act
   c. The opportunity to commit the act
4. How are reactive contacts and proactive contacts different regarding agency employee law enforcement?
   a. Reactive – Contact usually occurs after a crime or violation has been committed, and it is predominantly punitive in nature.
   b. Proactive – contact usually occurs before a crime or violation has been committed, and it is predominantly preventative in nature.

15 Fire Management

LEARNING OBJECTIVES

- Understand that the protection of human lives, public property, and natural resources are still the responsibility of park managers during fires
- Utilize ability to plan for and be knowledgeable about the use of fire in managing park resources and understand the threat posed from surrounding lands
- Know the distinction between "controlled burns" and "wildfires." Fire management includes fire prevention fire suppression
- Understand the use of fire for specified purposes, such as controlled burns or prescribed burning, wherein fire is used as a management tool

DISCUSSION QUESTIONS

- What are the differences between "controlled burns" and "wildfires"?
- What are steps to take to reduce the possibility of structural fires within park facilities?

USEFUL WEBSITES

http://www.nwcg.gov/pms/docs/wfprevnttrat.pdf
http://www.nwcg.gov/teams/ifpc/index.html
http://leopold.wilderness.net/research/fire.htm
http://www.fs.fed.us/fire/publications/index.html

SAMPLE TEST QUESTIONS

1. True or False? Fire can be used as a land management tool.
   a. True
2. 10% of wildfires are started by what naturally occurring weather condition?
   a. Lightning
3. What percentage of wildfires are started by humans?
   a. 90%
4. What type of fire is purposely set on someone's land without permission from the landowner?
   a. Incendiary fire

16 Interpretation

LEARNING OBJECTIVES

- Know that interpretation is a critical park function and therefore falls within the purview of the park manager
- Understand that professional interpreters have the ability to communicate and share knowledge about both natural and cultural resources
- Understand a sustainable park design will seek to affect not only immediate behaviors but also the long-term beliefs and attitudes of the visitors

DISCUSSION QUESTIONS

- What are some considerations associated with the park visitor to consider when planning an interpretive program?
- Reflecting on a park near you, what might the interpretive theme(s)?

USEFUL WEBSITES

http://www.nps.gov/dsc/d_publications/d_1_gpsd.htm
http://psu.uidaho.edu/vsp.reports.htm

SAMPLE TEST QUESTIONS

1. Do visitors need orientation before or upon arrival at your park?
   a. Both
2. Do all parks have at least one interpretative theme?
   a. Yes
3. What type of interpretation may involve carving wooden tools or Dutch oven cooking?
   a. Living interpretation
4. What facility is considered the interpretive center for a park?
   a. Visitor Center

17 Visitor Services

LEARNING OBJECTIVES

- Understand that park visitors come from all cultural backgrounds, life-styles, age classes, interests, occupations, incomes, educational levels, beliefs, mental and physical capabilities and geographical areas
- Understand the length of time that visitors stay in a park may be influenced by a park's size, distance from home, attractions in and near the park, kinds of facilities and accommodations, interpretive and interactive opportunities, location in reference to major travel routes, length-of-stay policy, and cost of overnight fees

DISCUSSION QUESTIONS

- What are benefits and drawbacks to using a self-registration camping system?
- What are the four reasons why parks use reservation systems?
- What are tools for feedback that you have seen in use at parks you have visited?

USEFUL WEBSITES

http://www.blm.gov/ut/st/en/fo/moab/recreation/river_recreation/how_to_obtain_a_private.html
http://www.blm.gov/wo/st/en.html
http://www.centralamerica.com/cr/parks/index.htm
http://www.co.santa-cruz.az.us/es/oem/ERPlan/ESF%2016.pdf
http://www.exploritas.org
http://www.fs.fed.us/
http://www.hiho/stels.com
http://www.nols.edu/wmi
http://www.nps.gov/fees_passes.htm
http://www.nps.gov/index.htm
http://www.oregon.gov/OPRD/PARKS/reserve.shtml

SAMPLE TEST QUESTIONS

1. When accidents occur, whose responsibility is it that the park is ready?
   a. The Manager
2. True or False? Emergencies are unexpected, and cannot be anticipated.
   a. False
3. What regulatory tool of control is used to manage the place of use, the amount of use, and the time of use?
   a. Permit
4. What are facilities, such as barracks or former Civilian Conservation Corps buildings, that provide basic sleeping accommodations to the traveling public at a minimal cost called?
   a. Hostels

18 Sustainability

LEARNING OBJECTIVES

- Understand some basic information on sustainability and sustainable policy and practices for federal, state, and local park management agencies, the U.S. National Park Service, U.S. Forest Services, and other organizations
- Understand visitor and park management frameworks such as LAC and VERP
- Ability to recognize the complexity and use planning frameworks that provide for effective management of our parks

DISCUSSION QUESTIONS

- Why were the National Park Service Vail Symposium and the Maho Bay partnership considered instrumental in the National Park Service's Sustainable Design Initiative?
- How does the VERP framework manage user capacity, and how does this impact park management?

USEFUL WEBSITES

http://www.nps.gov/dsc/d_publications/d_1_gpsd.htm
http://www.nps.gov/sustain/spop/ftvan.htm#Bench
http://www.nps.gov/zion/historyculture/the-emerging-culture-of-sustainability.htm
http://www.nps.gov/archive/yose/planning/mrp/2000/final_mpr/html/mrpverp.htm

SAMPLE TEST QUESTIONS

1. True or False? Sustainability should be a top priority for park managers.
   a. True
2. True or False? Managers need not recognize the complexity and use planning frameworks that provide for effective management of our parks.
   a. False
3. What is the definition of user capacity as outlined by the Interagency Guidelines on the Wild and Scenic Rivers Act?
   a. Quantity of recreation use which an area can sustain without adverse impact on the values and free-flowing character of the river area, the quality of the recreation experience, and the health and safety of the public.
4. What are the three key components of the Recreation Opportunity Spectrum, or ROS?
   a. Setting (opportunity)
   b. Activity
   c. Experience