

## Appendix A

### Seven Cultural Descriptors Used in Community Assessment

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### ***ONE Describe the publics and their interests***

#### Definition

A public is any segment of the population that can be grouped together because of some recognized demographic feature or common set of interests. A public may exist currently or at some future date; it may reside permanently in a geographic area, or may live elsewhere and have an interest in the management of natural resources. Sample publics include ranchers, loggers, tourists, small businesses, industries, miners, senior citizens, minorities, homemakers, youth, preservationists and governmental bodies.

By identifying publics and characterizing each public's interests, a resource manager can understand how segments of a population will be affected differently by resource decision-making. Also, predictions can be made about how changing public interests will influence management in the future.

#### Questions Used to Complete Human Resource Unit (HRU) Characterization

- What publics are within the immediate sphere of influence of resource management and decision making activities? What are the ongoing interests of each identified public? Which of the publics have specific resource-related interests? Are there any public interests or activities that affect resource management activities?
- Is there any public that is directly affected by the resource decision-making process? Which publics currently benefit from jobs generated by the resource outputs? Are there any individuals, businesses or industries that are dependent upon a specific output?
- Which publics could potentially benefit from resource use and development activities? Which publics could potentially be affected from a change in current management activities?
- What publics are outside the immediate sphere of influence of resource management activities, but use the resource or are involved in the decision

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<sup>1</sup> Kent, James A., J.D., Kevin Preister, Ph.D., "Methods for the Development of Human Geographic Boundaries and Their Uses", in partial completion of Cooperative Agreement No. 1422-P850-A8-0015 between James Kent Associates and the U.S. Department of the Interior, Bureau of Land Management (BLM), Task Order No. 001, 1999.

making process? Do these publics have a relationship to the resource because they affect or are affected by resource management activities?

## ***TWO***                      ***Describe the networks***

### Definition

A network is comprised of individuals who support each other in predictable ways and have a shared commitment to some common purpose (Figure Four). Networks may be informal arrangements of people tied together for cultural, survival, or caretaking reasons. Networks may also be formal arrangements of people who belong to an organization, club or association, which has a specific charter or organizational goals. Networks may function in a local geographic area or may influence resource management activities from regional or national levels. Examples of informal networks include ranchers who assist each other in times of need, miners who work on the same shift, grass-roots environmentalists, or families who recreate together. Examples of formal organizations include a cattlemen's association, coal mining union, preservationist or snowmobile club.

A knowledge of networks citizens form to express their interests is essential for identifying public issues relating to management activities and for monitoring the effectiveness of resource decision-making.

### Questions Used to Complete Human Resource Unit (HRU) Characterization

- What informal networks do each of the identified publics form to express their interests? What is the function of each network? When and where does each informal network gather to share information or services? How do the members of each network communicate with each other?
- Which networks function in an ongoing manner for cultural, caretaking or survival reasons? Which networks are temporarily involved around particular events or issues?
- What is the informal leadership in each network or who is respected and why? Are any networks more effective than others in addressing the issues that concern them?
- Which networks extend beyond the local level and function on a regional or national scale? Are there any regional or national networks that influence resource management activities?

- What formal organizations, associations or clubs do the identified publics form to express their interests? What is the purpose of each group? When and where does each formal organization meet to share information or provide services? How do the members of each group communicate with each other? Which organizations operate in an ongoing manner and which operate temporarily?
- What is the formal and informal leadership in each organization or who is respected and why? Are any groups more effective than others in addressing the issues that concern them?
- Which organizations have a membership that extends beyond the local level and operates on a regional or national level? Are there any regional or national organizations that influence resource management activities?

Networks are contacted through program and action development to:

- Monitor changing public attitudes and activities
- Identify and evaluate public issues
- Dispel rumors about management activities
- Inform public of current and future plans
- Discuss opportunities available to address issues
- Prepare for formal public participation and news releases

## ***THREE***

### ***Describe the settlement pattern***

#### Definition

A settlement pattern is any distinguishable distribution of a population in a geographic area, including the historical cycles of settlement in an area. This cultural descriptor identifies where a population is located and the type of settlement categorized by its centralized/dispersed, permanent/temporary, and year-round/seasonal characteristics. It also describes the major historical growth/non-growth cycles and the reasons for each successive wave of settlement.

Knowledge of settlement patterns provides a resource manager with a basis for predicting the significance of probable population changes associated with resource management and development activities.

#### Questions Used to Complete Human Resource Unit (HRU) Characterization

- Where do people live and how is the population distributed in the immediate geographic area? Are the settlement areas dispersed throughout the countryside and/or centralized in towns and cities?
- What is the history of settlement? What types of people came with each successive wave of settlement? Why did people settle in the area? Are there any particular characteristics of the settlement pattern that make it unique?
- Have there been any significant increases or decreases in population in the past? What caused these? Is the current settlement stable or on the increase or decrease? What is causing this trend?
- What major changes have occurred during past settlement cycles? How rapidly have these changes occurred? How have people handled or accepted change in the past? Are these changes easily recalled by people?
- What new publics have settled in the area in recent years? How have long-term residents accepted newcomers? Is the area settled with diverse or homogenous publics? Which settlement areas are integrated with diverse publics and which are not and why?
- What future publics can you anticipate residing in the immediate geographic area? What will be the possible causes of the future settlement patterns? How rapidly will the settlement occur?

## **FOUR**

### ***Describe the work routines***

#### Definition

A work routine is a predictable way in which people earn a living, including where and how. The types of employment, the skills needed, the wage levels and the natural resources required in the process are used to generate a profile of an area's work routines. The opportunities for advancement, the business ownership patterns, and the stability of employment activities are also elements of the work routine descriptor.

A knowledge of work routines can be used to evaluate how alternative uses of natural resources will affect the ways people earn a living and how changes in work routines, in turn, will impact future natural resource uses.

#### Questions Used to Complete Human Resource Unit (HRU) Characterization

- What are the ways in which the people in the immediate geographic area earn a living? Are people self-employed or employed by small business or large corporations? What are the primary employment activities and the approximate percentage of people involved in each sector?
- What kinds of skills are required of people in the various types of employment? What level of pay is received? Has there been any significant shift in employment activities or income levels in recent years? If so, has the shift influenced resource use or management activities?
- Are the majority of businesses owned locally or by corporations and people from outside the area? Are generational cycles of families in the same employment typical?
- Are there any work routines that are seasonal in nature? Are the seasonal jobs taken by residents of the area or from outside the area? Do many people work two jobs or is it common for families to have two wage earners? Is the unemployment significant? If so, among which publics?
- What is the average age of the labor force? Are youth able to find employment in the area? Are there adequate opportunities for advancement? Do people change jobs frequently or work in the same activities most of their lives? Which publics have a strong cultural identity associated with their work?
- Is there a compatible mix of employment activities? Which activities are aggravating each other? How do current resource management practices maintain the mix of activities? How could future changes in resource management stabilize or enhance the current employment mix?

## ***FIVE***

### ***Describe the supporting services***

#### Definition

A supporting service is any arrangement people use for taking care of each other. Support services occur in an area in both formal and informal ways. Examples of formal support services include the areas of health, education, law enforcement, fire protection, transportation, environment and energy. Examples of informal support activities include the ways people manage on a day-to-day basis using family, neighborhood, friendship or any other support system.

A resource manager can use the supporting services descriptor to evaluate how alternative uses of resources will affect the ways people take care of each other and how changes in supporting services, in turn, will impact future natural resource management.

#### Questions Used to Complete Human Resource Unit (HRU) Characterization

- Where are the formal support services such as the commercial, health, education, transportation, protective, and energy facilities located? What is the geographic area that is serviced? Which services are used routinely by people in the area? Which services do people have to leave the area to obtain?
- How are the services operated? Are the facilities and services provided adequate for the area? Which are inadequate and for what reasons?
- What informal supporting activities occur in the area? How do people care for each other on a day-to-day basis and in times of crisis? Do families, friends, church or volunteer organizations provide support?
- How much do people take care of each other on an informal basis and how much do people rely on formal services? Do people still trade for services or almost always pay cash for services?
- How are the elderly, single parents, youth, poor and others taken care of? Are informal systems used such as neighborhoods, or are formal organizations used for assistance? To what degree do people take care of their own problems or rely on government agencies and formal services? Do all people have access to the supporting services and activities?
- Has the amount or type of supporting services changed in recent years? How has the provision of support services and activities changed? What has contributed to these changes?

## ***SIX***

### ***Describe the recreational activities***

#### Definition

A recreational activity is a predictable way in which people spend their leisure time. Recreational opportunities available, seasonality of activities, technologies involved, and money and time required are aspects of the recreational descriptor. The frequency of local/non-local uses of recreational resources, the preferences of local/non-local users, and the location of the activities are also included. A manager can use this cultural descriptor to evaluate how alternative uses of resources will affect the ways people recreate and how changes in recreational activity, in turn, will impact future resource management.

#### Questions Used to Complete Human Resource Unit (HRU) Characterization

- What are the principal types of recreational activities of people in the area? Which activities, sites or facilities are most preferred? Are certain activities seasonal?
- What is the orientation of the leisure time activities? Are the activities of individual, family, team, church or school related? Are there significant recreational activities in which a wide range of individuals participate? How do groups like youth and senior citizens recreate?
- How much time is spent in recreational activities? How much money is spent on recreational activities? What kinds of recreational vehicles or equipment are used? Do the majority of activities occur on public or private lands and facilities?
- Are there recreational opportunities in the area that attract people on a regional or national scale? What activities, sites or facilities are most preferred? Are certain activities seasonal? Are there a significant number of businesses that rely on the income from these recreational activities? Which activities relate to natural resource uses and management?
- Have there been any major changes in recreational activities in recent years? What events caused the change? What types of sporting goods or recreational license sales have been on the increase? What recreational sites or facilities have experienced an increase or decrease in use and why? Do current recreational sites and facilities accommodate the demands? What changes in recreational activities are anticipated in the future and why?

- What written and unwritten rules do people use when recreating? Is there much of a difference between the recreational activities of residents in the area and those who temporarily visit the area? How does the type of recreation differ?

## ***SEVEN***                      ***Describe the geographic boundaries***

### Definition

A geographic boundary is any unique physical feature with which people of an area identify. Physical features separate the activities of a population from those in other geographic areas such as a valley that people identify as being “theirs” or a river that divides two towns. Examples of geographic boundaries include topographic and climatic features, distances, or any unique characteristic that distinguishes one area from another. Geographic boundaries may be relatively permanent or short-lived; over time, boundaries may dissolve as new settlement patterns develop and as work routines and physical access to an area change.

By knowing the geographic boundaries of a population, a manager can identify and manage the effects of natural resource use and development that are unique to a particular geographic area.

### Questions Used to Complete Human Resource Unit (HRU) Characterization

- How do people relate to their surrounding environment? What geographic area do people consider to be a part of their home turf? Within what general boundaries do most of the daily activities of the area occur? How far do the networks people use in their routine activities extend throughout the area?
- What is the area people identify with as being “theirs”? Are there any particular characteristics, social or physical that people think are unique to the area? What features attracted people to the area or provide a reason to stay?
- Are there any physical barriers that separate the activities of a population from those in other geographic areas? Are there any evident social barriers?
- What are the predominant uses of the land and what topographic or climatic features support such activities? What percentage of the geographic area is in the private and public sector? Is most of the private land owned by year-round residents or by people from outside the area?
- Have there been any significant changes in the use of the land and its resources in recent years? What has caused the changes? How have these short- or long-term changes affected people and their ways of life? How

accessible is the area to external influences? What kind of influences? Are these beneficial or negative impacts on the area?