

Essential Competencies for Natural Resources Stewardship

Scientific Knowledge

In-depth knowledge of current ecological and scientific principles with an ability to evaluate results of research that can be used to resolve diverse and complex park natural resource issues.

Scientific Method

The knowledge and ability to apply sound scientific approaches and appropriate methods to resolve natural resource management issues, including the design, conduct, and evaluation of inventory, monitoring, and research projects.

NPS Resource Stewardship

The ability to effectively apply laws, policies, regulations, and guidelines in concert with scientific knowledge to protect park resources and ecological systems.

Planning and Compliance

The ability to apply scientific knowledge to identify and define natural resource issues, and to develop and evaluate alternative management strategies.

Professional Credibility

Demonstrated expertise in and contributions to science and scientific endeavors which are recognized by peers in Government agencies and the academic community as providing a strong foundation and leadership in the natural resources work performed.

Communication

An ability to effectively communicate complex, technical, or controversial natural resource information to diverse audiences through a variety of media.

Project & Program Management

The ability to apply knowledge of scientific concepts and NPS programs to plan, implement, and/or administer natural resource projects.
