



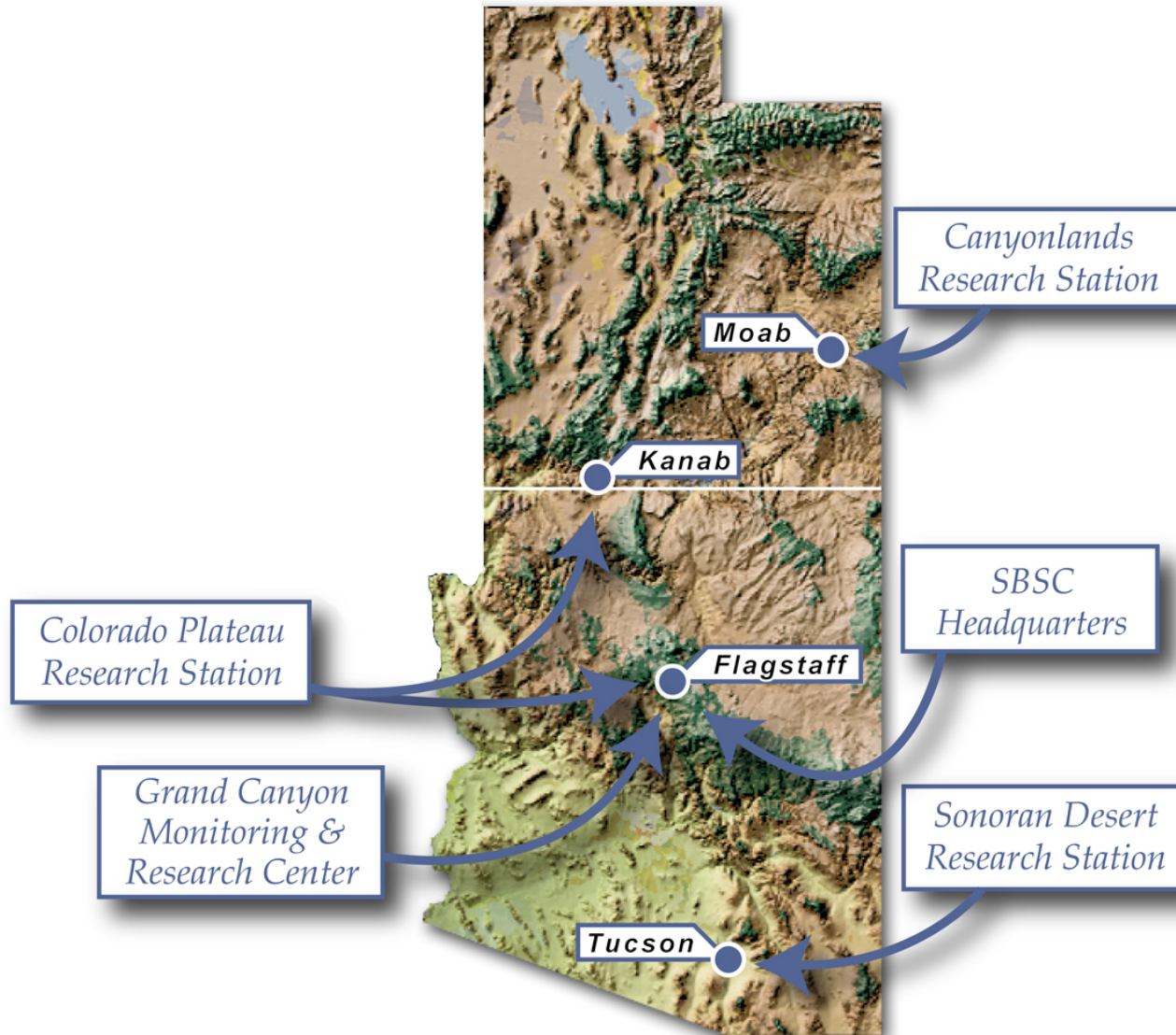
History of the Southwest Biological Science Center

A Short Overview

History of SBSC

- Center formed on October 1, 2002.
- Four existing research stations transferred.
 - Grand Canyon Monitoring and Research Center
 - Colorado Plateau Research Station
 - Canyonlands Research Station
 - Sonoran Desert Research Station

Southwest Biological Science Center Locations



Grand Canyon Monitoring and Research Center

- The largest research station in SBSC.
- Originally a Bureau of Reclamation facility that was formed in 1995 out of a preexisting BOR program known as the Glen Canyon Environmental Studies (GCES).
- Transferred to USGS in 2000.
- Transferred to SBSC in 2002.

Colorado Plateau Research Station

- Originally a National Park Service unit formed in 1989 as a Cooperative Park Studies Unit.
- Transferred to the National Biological Survey in 1994 and made a part of FORT (MESOC).
- Transferred to USGS in 1996 and made a part of FRESC.
- Transferred to SBSC in 2002.

Canyonlands Research Station

- Originally a National Park Service unit formed in 1987.
- Transferred to the National Biological Survey in 1994 and made a part of FORT (MESOC).
- Transferred to USGS in 1996 and made a part of FRESC.
- Transferred to SBSC in 2002.

Sonoran Desert Research Station

- Originally a National Park Service unit formed in 1974 as a Cooperative Park Studies Unit.
- Transferred to the National Biological Survey in 1994 and made a part of WERC.
- Transferred to the USGS in 1996 and left as a part of WERC.
- Transferred to SBSC in 2002.

SBSC Mission Statement

The U.S. Geological Survey's Southwest Biological Science Center provides quality science and facilitates the use of scientific information in understanding processes and managing resources - emphasizing species, ecosystems, and landscapes of the Southwest.



SBSC Vision

SBSC is recognized internationally as a premier USGS Science Center that produces innovative long-term programmatic research, and provides relevant and meaningful answers to land management questions throughout the Southwest. SBSC research serves to meet the complex needs of resource managers and society in the context of rapid social and environmental change. The Center is financially stable, has a diversified work force that thinks and acts strategically, and fosters a collaborative, fun, and rewarding working environment...



SBSC Vision, continued

With its large-scale and cost-effective research, SBSC bridges the science-management interface in multiple disciplines. The Center understands stakeholder interests, and is recognized by its partners and clients as a responsive research organization that is objective, product-oriented, consistently reliable, and a timely provider of scientific information and technical support on resource management issues.

The Goals of SBSC

- Utilize systems ecology to evaluate responses of fauna and flora to natural and anthropogenic influences;
- Develop and synthesize the biological knowledge needed to sustain and restore ecosystems;
- Develop tools for assessing status and long-term trends of animal and plant populations;

The Goals of SBSC, continued

- Use integrated, long-term research to model linkages among ecosystem components;
- Utilize information synthesis to provide a scientific foundation for federal policies and management strategies related to natural resources in the arid southwest;
- Disseminate the latest in technical information and research findings in a timely manner.

Research Emphases

- Herpetology
- Vegetation Mapping
- Large Mammals
- Inventory and Monitoring
- Paleoecology
- Sedimentology
- Soil Ecology
- Small Mammals
- Avian Ecology
- Desert Fishes Ecology
- Aquatic Invertebrates
- Cultural Anthropology

Funding Agency Partners

- Bureau of Reclamation
- National Park Service
- Bureau of Land Management
- Corps of Engineers
- USGS (Western Region, Reston VA.)
- Fish and Wildlife Service
- Department of Defense
- Department of Energy

Research Partners

- National Park Service
- Bureau of Land Management
- Bureau of Reclamation
- Fish and Wildlife Service
- Arizona Game and Fish

Research Partners, continued

- U.S. Geological Survey
 - Water Resources
 - Geography
 - Geology
- University of Arizona
- Northern Arizona University

Partnerships Funded by SBSC

Year	Number of Cooperative Agreements	Total Funds Awarded
FY03	61	\$3,589,180
FY04	53	\$3,528,009
Total	114	\$7,117,189