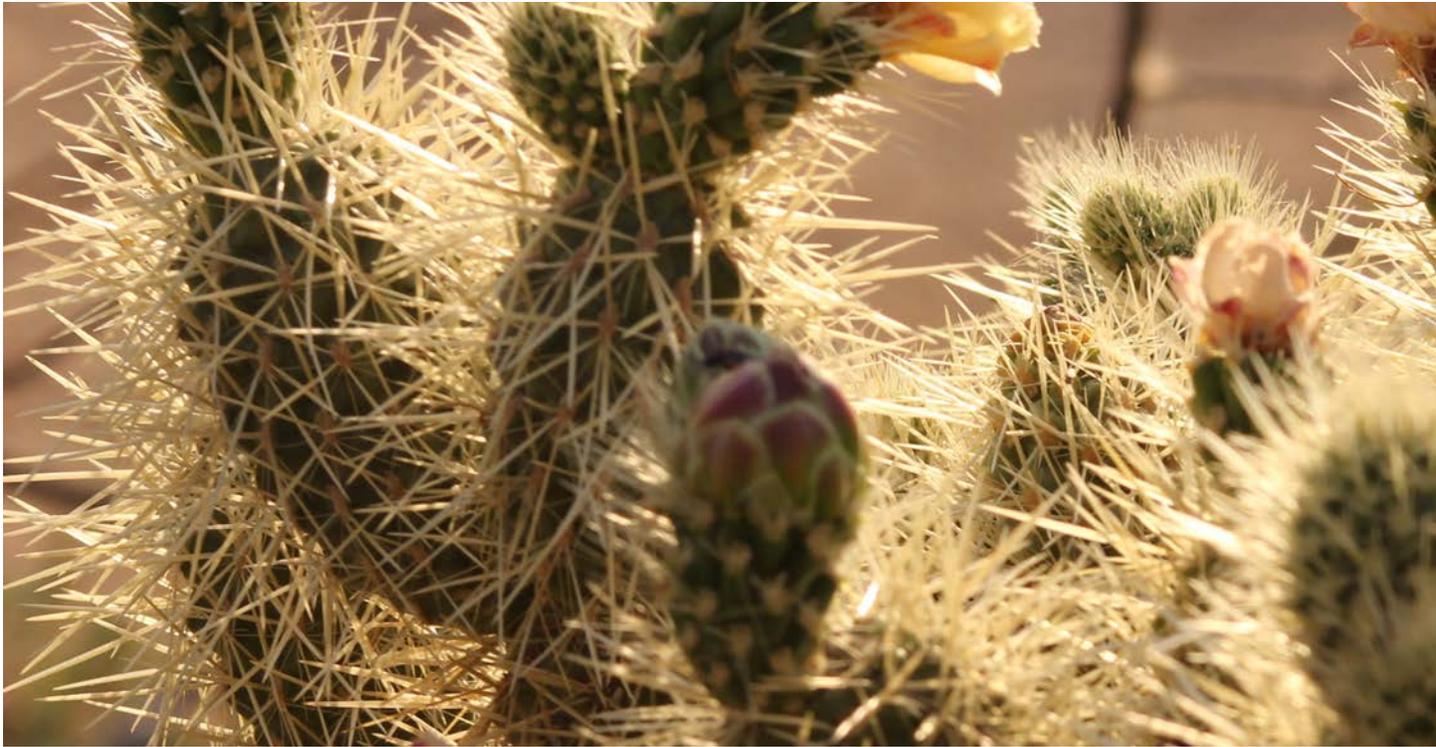


2. ENVIRONMENT



INTRODUCTION

Scottsdale embraces environmental conservation and ample access to our magnificent open spaces. The community's distinctive natural and environmental features contribute significantly to quality of life and economic vitality. As stewards of the natural environment, community members commit to preserving the Sonoran Desert ecosystem, protecting biodiversity, and managing natural resources and open spaces to ensure the city remains a beautiful and enjoyable place.

Much of Scottsdale's reputation is built on creative solutions to solve environmental challenges. The need for flood control in the southern part of the community became the world-renowned Indian Bend Wash greenbelt. The desire to preserve the natural beauty and land forms of the Sonoran Desert resulted in the Environmentally Sensitive Lands and Native Plant Ordinances and the Scottsdale McDowell Sonoran Preserve. The Green Building Program was created to promote more sustainable desert living and reduce the environmental impacts of development.

Scottsdale also provides an exemplary open space system, which contributes to an exceptional quality of life and visitor experience. A large proportion of the city will remain as natural open space through privately-dedicated Natural Area Open Space (NAOS) and through citizen initiative. In established areas, a network of parks, scenic and vista corridors, paths, and trails provide access to nature, recreation opportunities, ecological benefits, and beauty. As the city nears build-out, almost half of all land in Scottsdale will be dedicated as open space and connected to the regional system of over 4,700 square miles of open space.



Scottsdale's population has steadily increased while the opportunity to create open space and preserve environmental resources has diminished. The city will need to acquire and create new open space in areas where it is most lacking, preserve unique natural features and environmental quality, provide greater access to and connectivity between open spaces, and retrofit existing open spaces to accommodate the community's needs in the future.

Scottsdale recognizes that economic growth, environmental stewardship, the provision of open space, and fiscal responsibility are interrelated and mutually achievable goals. Therefore, when environmental and open space goals compete with other goals, such as those related to economic development, the city commits to equally considering environmental and open space objectives.

The Environment Chapter fosters sustainable strategies for open space, natural resource, energy efficiency, and water conservation; air and water quality protection; waste reduction; and regional collaboration in environmental issues.

ELEMENTS IN THIS CHAPTER:

- Open Space
- Environmental Planning
- Conservation
- Water Resources
- Energy

Environment Chapter

OPEN SPACE ELEMENT[‡]

- Goal OS 1** Open space types[‡]
- Goal OS 2** Fulfill Preserve initiative[‡]
- Goal OS 3** Continuous open space system
- Goal OS 4** Open space opportunities
- Goal OS 5** Land use and character
- Goal OS 6** Open space management[‡]
- Goal OS 7** Acquire, expand, improve[‡]
- Goal OS 8** Regional open space system[‡]

ENVIRONMENTAL PLANNING ELEMENT[‡]

- Goal EP 1** Protect & enhance habitats
- Goal EP 2** Environmental stewardship
- Goal EP 3** Air quality[‡]
- Goal EP 4** Recovery, reuse, & recycling
- Goal EP 5** Environmentally sound design
- Goal EP 6** Water quality[‡]
- Goal EP 7** Heat island reduction

CONSERVATION ELEMENT[‡]

- Goal CONSV 1** Sustainable balance[‡]
- Goal CONSV 2** Conserve water[‡]
- Goal CONSV 3** Protect ecosystems[‡]
- Goal CONSV 4** Protect ecosystems[‡]
- Goal CONSV 5** Minimize erosion[‡]

WATER RESOURCES ELEMENT[‡]

- Goal WR 1** Long-term water supplies[‡]
- Goal WR 2** Climatic impact preparation

ENERGY ELEMENT[‡]

- Goal E 1** Net-zero community
- Goal E 2** Reduce energy consumption
- Goal E 3** Energy efficiency in site design
- Goal E 4** Energy efficiency of City facilities
- Goal E 5** Renewable energy sources[‡]

[[‡] = State-required]