

# ACTIVITY: Virtual Exploration of National Parks with Volcanoes



**Objective:** Learners will virtually tour National Parks that contain volcanoes to see the range of formations and associated activity throughout the United States.

**Introduction:** Virtual tours play a vital role in studying volcanoes, offering immersive experiences that also support safety and the preservation of unique sites in the U.S. These tours provide access to remote and hazardous volcanic sites, allowing researchers, learners, and enthusiasts to explore volcanic landscapes and features from the safety of their homes or classrooms. By integrating multimedia content such as videos, images, and interactive maps, virtual tours enhance understanding of volcanic processes, landforms, and hazards. They enable real-time monitoring of volcanic activity, fostering collaboration among scientists and facilitating data collection and analysis. Additionally, virtual tours promote outreach and education, reaching broader audiences worldwide and inspiring interest in geoscience and natural phenomena.

## Have learners:

1. Look over the [NPS Master List of parks with volcanic features](#) to choose a park they are interested in learning more about.
2. Complete the planning worksheet to create a slide deck, infographic, or other presentation method to share about the park they chose.
3. Alternatively, complete one of the following to virtually explore a site with volcanic activity and features:
  - [Virtual Scavenger Hunt of Hawai'i Volcanoes National Park](#)
  - [Sunset Crater Volcano Web Quest](#)
  - [Yellowstone Distance Learning](#)

# HANDOUT: Virtual Exploration of National Parks and Units with Volcanoes



Use the prompts below to consider what information you want to include in a presentation about a National Park or Unit that contains volcanic features or activity.

**Park/Unit Name:** \_\_\_\_\_

Information from Master List

State:	Landform Type(s):
Age:	Resource Significance:

▶ Details about volcanic features/activity, including ideas for images:

▶ Other non-volcanic geologic features:

▶ Environment of the area:

▶ Why should people visit this park/unit?

▶ Resources that will be used to create the presentation: