

Science and Resource Management Building



The Science and Resource Management Building was commissioned by the National Park Service to house the research unit managing the Grand Canyon's botanical and zoological resources. It has research laboratories, conference rooms, kitchenette, a two-story open office, and private offices for research scientists and administrative staff. To achieve LEED Platinum certification, the design incorporates a series of passive solar strategies. In the winter, the windows, with a higher solar heat gain coefficient, allow natural light to heat the interior, while the roof overhangs prevent excessive solar heat gain during the warmer months. Project received the 2014 Heavy Metals Award by the USGBC Arizona Chapter and the 2013 Coconino County Design Excellence in Sustainability.

TECHNICAL SPECIFICATIONS

Project: Science and Resource Management Building

Client: Civil Design & Engineering, Inc./ National Park Service

Year(s): 2010 - 2012

Location: Grand Canyon National Park, AZ

Area: 8,800 SQ FT

Type of Project: New Construction, Design-Build

Role: Architect, Mechanical and Electrical Designer, Plumbing Engineer, LEED Consultant

