Tangshan Geology Museum is the gateway feature to a 29 square kilometer special tourist planning district known as the Tangshan Fangshan National Geology Park, which includes an ancient quarry and a rare Homo erectus cave site. Covering an area of just over seven hectares, the Geology Museum and Plaza is the primary destination and staging area for the entire National Park. Envisioned by the client as the major public space celebrating the geological and anthropological heritage of the entire region, the space is comprised of a highly organic museum building designed to house rare bones and geological specimens, and a public plaza space containing a major interpretative monument as well as outdoor exhibition space.

SWA developed five distinct programmatic zones, which included institutional uses comprised mostly of museum and exhibit space, the monument zone, a museum park, a quarry and water zone, site service or commercial areas, and preserved open space. Native rock and quarried stone, and naturalized plantings, are used alongside glass, highly polished stainless steel, concrete, and LED lighting to tell a story, to entertain, and to create a space that is interactive, yet park-like in its natural setting.