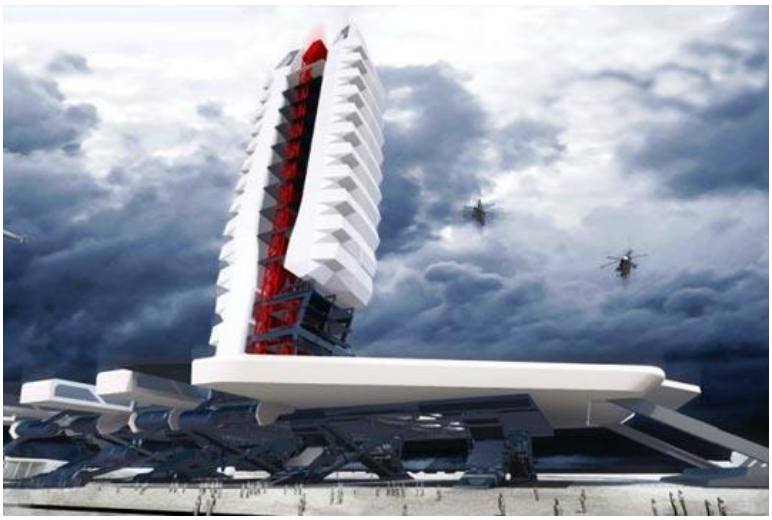
Case Study 7: Transient Response System



This futuristic and awe-inspiring shelter was designed by Adrian Ariosa and Doy Laufer at SCI-Arc in Los Angeles. It comes equipped with solar panels, wind turbines, and a rainwater catchment system to generate power and provide water. The MASTODON is a massive, all terrain, amphibious vehicle designed to bring the components of the rescue tower to the emergency site. The vehicle can also be used in flood rescues as it is equipped with multiple lifts. After a flood or earthquake, the MASTODON can provide robust emergency housing. The tower has four large jacks at its base that can lift it six stories above ground level, protecting its residents from any residual effects from flooding. The tower itself is comprised of three-story modules, and at the top of the structure, a solar power system and wind turbines collect energy to run the shelter.