Begin by sculpting or modeling a landform in three dimensions. Next, run a mathematical model to predict storm water flow over the landscape, and display the results directly onto the landform. Finally, assess the design’s overall impact in relation to user criteria.

Linked to the Gesture Modeling 3D interface, which uses a video camera to recognize a designer’s hand gestures in space, the Digital Sandbox provides landscape architects a powerful and intuitive way to study the implications of landform designs.