



Fig. 1.4: Schematic illustration of the evolution of a simple crater. (a) The meteorite collides with the target rocks. (b) Material is ejected out of the crater, thus forming the transient cavity. (c) A simple crater is characterized by a simple bowl-shaped morphology. (d) The final crater shows a similar shape and size to that of the transient cavity (Source: www.nasa.gov/multimedia).