



CHESAPEAKE BAY GIANT METEOR CRATER

Of general interest to all teachers

*Largest meteor impact crater in the United States
in our backyard!*

“Thirty-five million years ago, a meteorite three miles wide and moving sixty times faster than a bullet slammed into the seabed near what is now Chesapeake Bay. The impact, more powerful than the combined explosion of every nuclear bomb on Earth, blasted out a crater fifty miles wide and one mile deep. Shock waves radiated through the Earth for thousands of miles, shaking the foundations of the Appalachians, as gigantic waves and winds of white-hot debris transformed the eastern seaboard into a lifeless wasteland.”

C. Wylie Poag, Chesapeake Invader, 1999

A Full Day In-Service Teacher Training devoted to understanding this cataclysmic event inspires interest in Geology, Paleontology and Astronomy

- Learn about the science behind meteorite impacts and the geological consequences
- The life and death scenarios on Earth thirty-five million years ago
- The ways in which the meteorite shaped the Chesapeake Bay area:
 - by determining the Bay’s very location
 - by creating the notoriously briny groundwater underneath Virginia.