



Science & Technology / Geography

The Bermuda Triangle, stretching between Puerto Rico, Bermuda, and Florida, has long been associated with unexplained disappearances of aircraft and ships, giving rise to supernatural theories and being dubbed a maritime 'graveyard' covering around 700,000 sq. km.

Recent scientific inquiry offers a rational explanation. Dr. Simon Boxall, oceanographer at the University of Southampton, attributes the phenomenon to "rogue waves." These are unusually large, steep, and sudden ocean waves, often exceeding 30 metres in height. Formed by the convergence of multiple weather fronts and ocean currents, rogue waves can strike with little warning and are powerful enough to sink ships within minutes or destabilize low-flying aircraft.

This explanation demystifies the Bermuda Triangle, shifting the narrative from myths of extraterrestrial activity or supernatural forces to extreme but natural oceanographic phenomena. It also underlines the importance of advancing marine science and technology to predict and mitigate such



hazards, thereby enhancing maritime safety and navigation in vulnerable zones.