The global interaction of naturally occurring karst systems is a complex process that involves both surface and groundwater dynamics. The interplay between these two components is crucial for understanding the hydrological behavior of karst regions, which are essential for the provision of fresh water. The World Karst Aquifer Map highlights the diverse karstic landscapes and their significance globally. This map is a valuable tool for researchers, planners, and policymakers to assess the karst aquifer systems and their potential uses for water supply, environmental protection, and other related applications. The map is a collaborative effort involving various organizations including the International Association of Hydrogeologists (IAH), the Karlruhe Institute of Technology (KIT), and UNESCO. The map provides a comprehensive view of the global karstic regions, emphasizing their importance in the context of climate change, biodiversity, food production, geochemical cycles, and urbanization.