

Name \_\_\_\_\_

## Georgia's Diverse Climate: From Mountains to Coast

### Open-Ended Response Answer Key

1. Georgia's diverse climate zones play a crucial role in agriculture, with each region suitable for different crops. The Coastal Zone is ideal for rice and cotton, while the Blue Ridge Mountains are suitable for apples and berries. Tourism varies by region, with the Coastal Zone attracting beachgoers and the Appalachian Plateau drawing hikers and nature enthusiasts.
2. Precipitation distribution in the Lower Coastal Plain affects water availability and can lead to drought conditions. This impacts ecosystems, including wetlands and swamps, which rely on consistent water levels.
3. The Appalachian Plateau's climate supports outdoor activities such as hiking and camping. It also contributes to the region's biodiversity, making it attractive to nature lovers and tourists.
4. Georgia prepares for extreme weather events by implementing evacuation plans, setting up emergency shelters, and providing timely weather alerts. Response efforts include deploying rescue teams and coordinating with federal agencies to provide assistance to affected areas.

