

name: _____

class: _____

date: _____

Biomes and Ecosystems



In the vast _____, different types of biomes play a crucial role in maintaining the balance of ecosystems. A _____ is a large area characterized by specific types of plants and _____ that are adapted to its unique climate and environment. Among the various biomes, the _____ stands out for its incredible biodiversity, hosting more than half of the world's plant and animal species. In contrast, the _____ biome, with its extreme temperatures and scarce rainfall, supports a much more limited range of life. The _____, another distinct biome, is known for its cold, dry conditions and the presence of _____, making it a challenging environment for many forms of life.

Water-based biomes, such as _____ and lakes, are also vital to the planet's ecosystems, providing habitat for countless aquatic _____. The ocean biome, covering about 70% of the earth's surface, is particularly significant for its role in regulating the planet's _____ and supporting a diverse range of marine life. Freshwater biomes, including rivers, lakes, and _____, are essential for the survival of many terrestrial and aquatic species, offering drinking water, food, and _____.

Human activities have a profound impact on biomes, often leading to habitat destruction, _____, and climate change, which threaten the delicate balance of these _____. Conservation efforts are crucial to protect and preserve biomes, ensuring the _____ of the vast array of life they support. Through understanding the importance of each _____ and its role in the global ecosystem, we can better appreciate the interconnectedness of life on earth and the _____ for sustainable practices to protect our natural world.

rainforest desert animals need climate earth habitat biome oceans
permafrost biome wetlands survival pollution species tundra ecosystems