

Unit 1 Paper 2

1. Climate change

How is human activity impacting? Deforestation, fossil fuels + cattle ranching

The greenhouse effect

The carbon Cycle

What are the causes of climate change - volcanic activity, Earth's orbit etc.

Evidence of climate change

Location of biomes and their determining factors

Study - Rainforest biome

Succession, water cycles, food webs and nutrient cycles in the Rainforest

3. Ecosystems

Study - Savannah biome



2. Weather

Global circulations

Low pressure events - Hurricanes - Katrina/Pam

High Pressure events - Heatwave - California

Factors affecting UK weather - latitude, altitude, North-Atlantic Drift + prevailing wind

Weather maps/symbols

Microclimates

Local/global impacts from Rainforest/Svannah destruction

Eco-tourism - Crees project Costa-Rica = sustainable approach

Sustainable afforestation in Savannahs

Case study: The Great Green Wall

4. Human Activity/Management

Reasons for Rainforest destruction