CLIMATE CHANGE SCHEME



Climate change is much more than rising temperatures. SELECTED IMPACTS ON **ECOSYSTEMS AND** SOCIETY **CHANGES IN GLOBAL** More frequent and stronger **SYSTEMS** Increase in extreme weather events: air temperature heat waves, droughts, floods and hurricanes **HUMAN ACTIVITY** Melting of mountain glaciers Shifts in vegetation zones, **Burning of fossil** collapses of ecosystems fuels. mainly in Changes in the course transport of the seasons Melting of and energy mainland glaciers production in Greenland Rising sea levels Stronger and Antarctica Water deficit in greenhouse Deforestation glacier-sourced river basins effect and land use changes Coastal floods Increasing volume of water Cattle breeding Shrinkina ice in the oceans Increase in and use of cover of the Arctic due to thermal concentrations industrially Ocean expansion of CO2 and other produced greenhouse gases fertilisers Rising in agriculture temperatures Migration of fish and of water in the Industrial marine animals oceans processes, e.g. cement Decrease in the production concentration of O₂ dissolved in water and growth of ocean dead zones Coral reef bleaching and Increase in die-off ocean acidity