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Invasive plant species; 6.6 Summary; 7: Wetland wildlife; 7.1 Introduction; 7.2 Wetland invertebrates; 7.2.1 Insects; 7.2.2 Mosquitos; 7.2.3 Corals; 7.3 Wetland vertebrates
7.3.1 Amphibians 7.3.2 Reptiles; 7.3.3 Birds; 7.3.4 Mammals; 7.4 Invasive animal species; 7.5 Summary; Part III; 8: Wetland change; 8.1 Introduction; 8.2 Hydroseral succession; 8.3 Sea-level change and crustal movements; 8.3.1 Glacial eustasy; 8.3.2 Glacial isostasy; 8.3.3 Complicated responses; 8.3.4 Modern sea-level rise; 8.4 Climate change; 8.4.1 Climate basics; 8.4.2 Climate and wetlands; 8.5 Fire; 8.6 Summary; 9: Wetlands through time; 9.1 Introduction; 9.2 Coal; 9.2.1 Paleozoic coal; 9.2.2 Cretaceous-Tertiary coal and lignite; 9.3 Amber; 9.4 Pleistocene and Holocene wetlands
9.4.1 Nordic region 9.4.2 North America; 9.4.3 Tropics and Antarctica; 9.4.4 Holocene climate and early man; 9.5 Summary; 10: Environmental cycles and feedback; 10.1 Biogeochemical cycles; 10.1.1 Wetland elements; 10.1.2 Nitrogen; 10.1.3 Phosphorus, potassium and sulfur; 10.2 Carbon cycle; 10.2.1 Carbon reservoirs; 10.2.2 Carbon balance; 10.2.3 Carbon gases and climatic feedback; 10.3 Fossil fuels; 10.3.1 Fossil-fuel consumption; 10.3.2 Coal mining and acid rain; 10.3.3 Estonian oil shale; 10.4 Human experiment; 10.5 Summary; Part IV; 11: Wetland services, resources and valuation
11.1 Human use of wetland ecosystems

Sommario/riassunto

Wetlands - swamp, marsh, bayou, tundra and bog - are places that are rarely visited and often misunderstood but they have, in fact, conspicuous roles in the physical, biological and cultural geography of the world.? They are intrinsically beautiful environments where one may see the natural and essential values in the interaction of water, soil, vegetation, wildlife, and humans.? Wetlands occur at the confluence of unique terrestrial, hydrological and climatic conditions that give rise to some of the most biodiverse regions of the world.? They also play vital roles in the cycling and storage o
