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""3.5 Finding Efficient Driving Forces""; ""3.6 Chapter Summary""; ""3.7 More to Read""; ""Part II: Water vs. climate, population, energy, food and land use""; ""4. Climate change""; ""4.1 Global Warming""; ""4.1.1 Intergovernmental panel on climate change - IPCC""; ""4.1.2 Other works to address climate change""; ""4.1.3 The oceans""; ""4.1.4 Arctic areas and Antarctica""; ""4.1.5 Signs in nature""; ""4.1.6 Impact on water resources""; ""4.2 Climate Change Impact on Weather""
""4.2.1 Risks of extreme events and disasters""""4.2.2 Economic losses related to weather""; ""4.2.3 Extreme weather events""; ""4.2.4 The tipping point""; ""4.3 Climate Change Impact on Energy""; ""4.3.1 Climate impact on energy production""; ""4.3.2 Climate impact on energy demand""; ""4.3.3 Building more climate resilient energy""; ""4.4 Climate Meetings""; ""4.4.1 Kyoto 1997""; ""4.4.2 Copenhagen 2009 - Cancun 2010 - Durban 2011""; ""4.4.3 Warsaw 2013""; ""4.4.4 IPCC meeting in Stockholm 2013""; ""4.4.5 New York 2014 - Beijing 2014""; ""4.4.6 The emission gap""
""4.5 Recent Climate Actions""""4.5.1 European Union""; ""4.5.2 United States""; ""4.5.3 Climate actions in some other countries""; ""4.6 The Greenhouse Effect""; ""4.6.1 Greenhouse gas emissions""; ""4.6.2 Early discovery of global warming""; ""4.7 The Greenhouse Gases""; ""4.7.1 Carbon dioxide""; ""4.7.2 Methane""; ""4.7.3 Nitrous oxide""; ""4.7.4 Artificial gases""; ""4.8 The Global Warming Potential""; ""4.8.1 Estimating global warming potential""; ""4.9 Frugality""; ""4.9.1 Efficiency""; ""4.10 Chapter Summary - The Urgency""; ""4.11 Recommended Reading""
""4.11.1 A note on Svante Arrhenius, a GHG pioneer""
