Due to the scarcity of natural resources in the world it is of great importance to understand the markets for these resources. This thesis provides insights into the working of several resource markets, in particular the role of different property rights, market structures and the regenerative nature of the resources is investigated. These insights can be used for improving the management of resources. Models are presented that address specific resource management issues. These concern the oil market, fishery economics and environmental taxation. The analysis points out the importance of specific features of natural resources. This is shown by several surprising results, such as an increase in the resource leading to a reduction in welfare, extinction due to the enlargement of a market or the ambiguity on whether or not a race to the bottom will occur when countries are competing on environmental standards.

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