

# CHAPTER 23: ECONOMICS, ENVIRONMENT, AND SUSTAINABILITY

## 23-1 How Are Economic Systems Related to the Biosphere?

- Supported By Three Types of Resources

- Market Systems Depend on Interactions b/t Buyers and Sellers

- Economic Growth and Economic Development

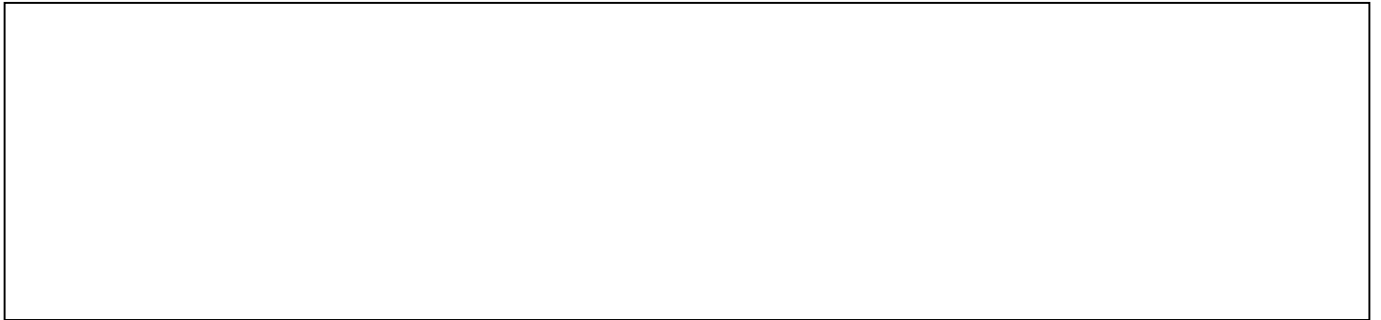
- Government Intervention to Correct Market Failures

● Economists Disagree Over...

● Purpose of a Business

## 23-2 How to Put Values on Natural Capital and Control Pollution and Resource Use

- Protecting Natural Capital



- Estimating the Future Value of a Resource



- Optimum Levels of Pollution Control and Resource Use



- Cost-Benefit Analysis



### **23-3 Use of Economic Tools to Deal With Environmental Problems**

- Most Things Cost More Than We Think

- Environmental Economic Indicators ...

- Include Harmful Costs of Goods and Services in Their Prices

- Label Beneficial Goods and Services

● Reward Environmentally Sustainable Businesses

● Tax Pollution and Wastes Instead of Wages and Profits

● Environmental Laws and Regulations...Innovation

● Use the Marketplace to Reduce Pollution and Waste

● Sell Services Instead of Things

**23-4 Reducing Poverty to Deal With Environmental Problems**

● Gap Between the Rich and Poor

● Reduce Poverty

● Revisiting Microlending

● Achieve Minimum Development Goals

## 23-5 Transition to More Environmentally Sustainable Economies

- We Are Living Unsustainably

- Use Lessons From Nature

- Shifting to an Eco-Economy