

# ***NOTES***

## ***CH. 1 UNDERSTANDING OUR ENVIRONMENT***

### ***ENVIRONMENTAL SCIENCE***

***BIOSPHERE INCLUDES:***

***BIOSPHERE / ECOSPHERE:***

***LITHOSPHERE:***

***HYDROSPHERE***

***ATMOSPHERE***

***GASES IN THE ATMOSPHERE***

# *SPACESHIP EARTH*

## *GOAL OF ENVIRONMENTAL SCIENCE*

### *2 TYPES OF INTERACTIONS:*

*1.*

*2.*

### *FIELDS OF STUDY THAT PERTAIN TO ENV. SCIENCE*

Biology	Zoology	
	Botany	
	Microbiology	
	Zoology	
Earth Science	Geology	
	Paleontology	
	Climatology	
	Hydrology	
Physics	Engineering	
Chemistry	Biochemistry	
	Geochemistry	
Social Sciences	Geography	
	Anthropology	
	Sociology	

# *ENVIRONMENT THROUGH TIME*

## *URBAN SPRAWL*

	<b>Hunter-Gatherers</b>	<b>The Agricultural Revolution</b>	<b>The Industrial Revolution</b>
<b>Characteristics</b>	Get food by:	Grow food	
<b>Effects on Environment</b>			

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# ***MAIN ENVIRONMENTAL PROBLEMS***

## ***1. RESOURCE DEPLETION***

***RENEWABLE RESOURCES***

***NONRENEWABLE RESOURCES***

## ***2. POLLUTION***

***PRODUCED BY:***

***2 MAIN TYPES OF POLLUTANTS:***

***BIODEGRADABLE***

***NONBIODEGRADABLE***

### ***3. LOSS OF BIODIVERSITY***

***“THE TRAGEDY OF THE COMMONS”***

***THE LAW OF SUPPLY AND DEMAND***

***COST AND BENEFITS***

***RISK ASSESSMENT***

*POPULATION CONSUMPTION*

*CONSUMPTION TRENDS*

*ECOLOGICAL FOOTPRINT*

*SUSTAINABILITY*