

## GL10B Resources, Reserves & Population

### I. Resources and Reserves

### II. Resource Types

#### A. Materials (Mineral Resources)

- i. Non-metallic
- ii. Metallic

#### B. Energy

### III. Resource Management (Sustainability)

#### A. Renewable

- i. Living Resources
- ii. Non-living Resources

#### B. Nonrenewable

### IV. The Earth System

#### A. Closed with Respect to Matter

#### B. Open with Respect to Energy

### V. Population Growth & Resources

#### A. Exponential Pop. & Resource Renewal

#### B. Carrying Capacity

#### C. World Population Growth

- i. Growth Rate Through Time
- ii. Geographic Distribution of Growth Rates

#### D. Environmental Consequences of Growth

	Already Identified	Undiscovered	
Presently Economic	Reserves	Hypothetical resources-to be found in known areas	Speculative resources-to be found in unknown areas
Not Presently Economic	Sub-economic Resources		