

Unit 6 Objectives - Land and Water Use:

1. Mineral Resources & Mining
 - a. mineral deposits
 - b. mining techniques
 - c. environmental effects
 - d. sustainability
2. Food Security & Production
 - a. Food security and insecurity
 - b. Malnutrition, Hunger
 - c. Green Revolution
 - d. Food production techniques
3. Problems with Food Production
 - a. soil erosion
 - b. desertification
 - c. GMOs
 - d. environmental consequences
4. Pesticide Management
 - a. Types of pesticides
 - b. Regulations
 - c. Alternatives
 - d. Sustainable food production methods
5. Freshwater Management
 - a. Water Usage
 - b. Shortages/Droughts
 - c. Groundwater Depletion
6. Transferring Water
 - a. Dams & Reservoirs
 - b. Impacts to Rivers & Lakes
 - c. Desalinization
7. Sustainable Water Usage
 - a. Reducing Water Waste
 - b. Irrigation
 - c. Reducing flooding & risks