**CIESIN Topic: Agriculture and Food Security**

**term**

variable

**agricultural diseases**

animal diseases

plant diseases

**agricultural production**

agricultural chemicals

agricultural commodities

agricultural cooperatives

agricultural equipment

agricultural inputs

agricultural management

agricultural outputs

agricultural production systems

agricultural productivity

agricultural products

agricultural resources

agricultural wastes

animal production

animal yields

crop yields

dry farming

energy resources

fallow

food production

forest production

irrigated agriculture

material resources

mechanized agriculture

mineral resources

natural resources

no tillage

non-renewable resources

organic farming

pollutants

primary production

renewable resources

resource depletion

resource exploitation

resource inventory

resource scarcity

risk management

rotation

set asides

slash and burn

subsistence agriculture

toxic materials

water resources

**biogeochemical cycles**

carbon cycle

methane cycle

nitrogen cycle

nitrous oxide cycle

phosphorus cycle

sulfur cycle

**biological processes**

aerobic processes

anaerobic processes

fermentation

photosynthesis

reproduction

respiration

**biota**

animals

microorganisms

plants

**chemical processes**

fixation

hydration

ion exchange

oxidation

reduction

release

weathering

**ecological dynamics**

adaptation

competition

distributions

extinction

mutation

selection

succession

survival

**nutrients**

micronutrients

**vegetation**

flowering

fruiting

plant characteristics

plant performance

plant yield