

(from printed booklet), [Global Topics & Issues](#)
[How students can use these Global Topics & Issues](#)

General Global Topics

{ **Specific** global issues are in the next section }

<p><u>The Environment</u></p> <p>Environmental resources Resource management Ecosystem value Preserving natural habitats Paradigms about the environment Environmental goals & protection Pollution vs health Chemical toxins into air & water Radiation into environments</p> <p><u>Air pollution</u></p> <p>Air quality Health effects from air pollution Atmospheric effects of pollution Climate & weather effects Impacts from carbon emissions Ozone pollution Causes of air pollution Types of air pollutants Sources of air pollution Worse air polluters Indoor air pollution Radiation sources & effects</p>	<p><u>Water pollution</u></p> <p>Polluting the water quality Causes of water pollution Types of water pollutants Sources of water pollution Freshwater pollutants Ocean pollutants Mining & drilling pollution Micro-plastics pollution Toxic leakages, spillage & runoff Worse toxic chemicals Worse toxic sources Worse toxic polluters</p> <p><u>Water management</u></p> <p>Governing clean water Freshwater management Protecting wetlands Rivers & streams management Protecting rivers of world Water conservation Wastewater management Protections against pollution Indigenous water stewardship</p>
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Ecosystems & biodiversity

Ecosystems & biodiversity
Kinds of biodiversity to protect
Eco-regional issues of biodiversity
Threats & losses of biodiversity
Specific problems for biodiversity
Causes of habitat loss
Landscape & ecosystem alteration

Conservation

Protecting & restoring habitats
Eco conservation policies
Biodiversity conservation
Protecting unique bio-areas
Plant & crop conservation
Seed conservation

Wildlife

Endangered & threatened wildlife
World wildlife protections
Big wildlife sport hunting
Animal cruelty killing & culling
Sustenance wildlife hunting
Hunting & wildlife conservation
Wildlife areas & refuges
Regional wildlife restoration

Forests

Benefits of forests
Uses of forests
Threats to forests
Deforestation
Reasons for deforestation
Agriculture & forests
Sustainable forestry
Responsible forest uses
Economics of reforestation
Global forest protection

Oceans

Ocean pollution
Ocean acidification
Ocean ecosystems & habitat
International ocean protections
Local marine management

Ocean fishing

Harmful fishing practices
Open-net fishing
Overfishing the oceans
Modern history of overfishing
Sustainable fishing
Fishery governance

Climate change

Global warming & climate change
Greenhouse causes
Greenhouse gases
CO2 emissions
Effects of climate change
Agriculture & climate change
Climate change & ecosystems
Ocean & coastal indicators
Climate change mitigation
Ways to reduce carbon emissions
Political & educational solutions
International agreements

Waste & recycling

Industrial & consumer waste
Product consuming societies
Sustainable consumption
Solutions for reducing waste
Advances in recycling
Recyclable materials & products
Recycling metals & plastics
Recycling old technologies
Recycling household wastes
Recycling industrial wastes
Disposing non-recyclable wastes

Energy production & use

Energy uses
Electrical energy
Energies for fuel
Kinds of energy production
Effects of energy production
Energy use & the environment
Ways to reduce energy use
Energy economics & politics

Non-renewable energies

Debates against non-renewables
What & where is natural gas
Natural gas issues
Fracking for natural gas
Water issues with fracking
Sources of petroleum
Petroleum derivatives & uses
Reasons to move on from oil
Pollution from oil spills
Oil drilling & transport problems
Oil & money politics
Coal energy & problems
Impacts of coal mining
Mining minerals & metals
Mining & depleting rare minerals

Renewable energies

Benefits of renewable energies
Renewable energy economics
Nuclear energy pros & cons
Nuclear radiation problems
Nuclear waste storage
Nuclear energy dangers
Solar energy
Solar photovoltaic electricity
Economics of solar energy
Large-scale solar systems
Small-scale solar systems
Solar heating
Wind energy
Hydropower
Geothermal energy
Ocean-marine energy
New scientific technologies
Biomass energy
Types of biomass
Bio-gas
Bio-fuels
Bio fuel debates

New technologies in energy

New solutions for energy use
Smart green building
Home & building efficiency
New energy technologies
Areas of emerging technologies
Cogeneration of heat & power
Electric & hybrid vehicles
Reasons to have clean cars
Hydrogen fuel & sources
Nuclear fusion & cold fusion

Environmental economics

Environmental economic goals
Environmental & ecosystem value
Environmental appreciation value
Economic value of environments
Sustainable green economics
Building a green economics
Energy saving & energy reduction
Lowering carbon emissions
Protecting world ecosystems
Protecting air & water
Environmental protection laws
Sustainable life on Earth
Sustainable communities

Human needs

Clean air & water
Food security & health
Security & protection
Human rights & freedoms

Global water

Water scarcity
Water access
Water as a resource
Water for food security
World water uses
Water for agricultural use
Water politics & economics
International water conflicts

Water quality

Water & health
Safe drinking water
Assessing water quality
Stopping water pollution
Human waste disposal
Water sanitation & hygiene
Water education

Hunger & food

World hunger
Malnutrition
World nutrition needs
Droughts & famines
Emergency food aid

Food security

Building food security
Regional sustainable crops
Cash crops or subsistence crops?
Domestic animals & food security
Community food systems
Urban food supply
Government food policies
Food emergency plans

Healthy foods

Food safety & quality
Labeling food ingredients
What are healthy foods
What is a healthy diet
What is an unhealthy diet
Cultural foods & dietary habits

Agricultural Development

Agricultural Development
Regional farming problems
Agricultural markets & trade
Smarter agriculture practices
Crops for food security
Seeds for food security
Newest science in AG

Industrial agriculture

Industrial agricultural traits
Industrial agricultural issues
Fertilizer composition & use
Fertilizers - positives & negatives
Pesticide composition & use
Pesticides - positives & negatives
GMO crops - positives & negatives

Ecological Agriculture

Conservation agriculture
Organic farming
How-to organic gardening
Organic soil
Ecological fertilizers
Ecological pest-control

Small Farms

Small farms development
Ways to support local farms
Kinds of small-land ownership
Traditional family small farms
Land cooperatives & collectives

Animal farming

Emissions from livestock
Meat production
Dairy farming
Chicken & egg farming
Ethical treatment of animals
Better ways of animal farming
Non-meat diets

Ocean fishing

Sustainable ocean fishing
Economics of ocean fishing
Fish farming – aquaculture
Fish farming concerns
Seafood health concerns
Sustainable healthy seafood

Poverty

Poverty in the world
Aspects of poverty
Poverty relationships
Economic factors of poverty
Poverty solutions

Population

Population issues
Population growth
Regional population problems
Over-population solutions

Global health

Factors for good health
Human waste disposal
Health problems
Infections & diseases
Alcohol & drug abuse
Mental health problems
Mothers & children health
Health care providers
Healthy & safe products
Natural healing remedies
Cultural healing methods
New technologies in health

Economic development

Development theories & policies
Measuring development: GDP?
Reasons for development inequity
Problems in development
Problems of debt
Global economic aid
Economics for ending poverty
Development in poorer regions
Sustainable rural development
Agriculture to end poverty
UN goals for global development
Financing economic development
Global financing institutions
Critiques of financing institutions

Emergencies

Disaster emergency response
Disaster preparation plans
Natural disasters
Agricultural disasters
Conflict disasters
Radiation disasters
Environmental disasters
Infectious disease epidemics

Economics

Kinds of economics
Economic theories
Market economics
Macro-economic decisions

Critiques of pure market

Ideals of market capitalism
Market competition problems
Wealth increasing wealth
Market insider trading
Corporate influence in politics

Progressive economics

Fair free-market economics
Economics with compassion
Basic government support
Public & consumer advocacy
Government involving economics
Incentives for public needs
Public resources use tax
Private & public works competing
Banking & finance reforms
Community banking & finance
Decentralizing wealth
Increasing spending capacities

Globalization

Kinds of globalization
Effects of globalization
Pros & cons of globalization
Globalization & inequality
Globalization & labor mobility
Effects of global communication

Trade

Exports & imports
Government subsidies for exports
Tariffs & tariff retaliations
International trade disagreements
International trade agreements
Debates on trade agreements
International cooperation & aid

Free & fair trade

Protectionism or free trade?
What is free trade: principles
Critiques of free trade
Community or corporate benefit?
What is fair trade: principles
Fair trade issues & challenges
Rights of communities & worker
Collective bargaining for labor

Armed conflicts

Kinds of conflict & war
Conflict areas & issues
Costs of armed conflicts
Recovering from war
Social & psychological effects
Diplomatic interventions
Humanitarian interventions

Weapons of war

Militaries & spending
International arms trade
Weapons used in wars
Small arms
Nuclear weapons
Nuclear disarmament

Ethics of war & violence

Questioning war & violence
Ideas of a 'just' or 'holy' war
Assaults on human rights
Atrocities & genocide
Detentions & disappearances
Questioning the ethics of torture
Questioning terrorism ethics
Doctrines against war

Peace & security

Peace & security challenges
International humanitarian law
Security in post-conflict areas
Building national security
Peacekeeping & peacebuilding
Peacebuilding strategies
Women in peace & security

Government & governing

What is a good government
Philosophies on governing
Principles of democracy
Promoting democracies
International relations

Challenges in governing

Challenges of emerging nations
Challenges in democracy building
Economic development
Government corruption
Individual & social rights
Social peace & conflict resolution
Domestic & gang violence
Transnational organized crime
Cyber crime & information theft

Human rights

What are human rights
Various issues in human rights
Issues involving discrimination
National constitutional rights
UN Declaration of human rights
Monitoring of human rights

Basic rights

Right to food & water
Right to health care
Right to education
Right to opportunities
Right to fairness & justice
Right to protection & security
Economic & cultural rights

Human rights abuses

Political imprisonment
Human trafficking
Labor exploitation
Children & labor
Girl injustices & dangers
Opportunity discrimination
Questionable religious traditions
Human abuses involving violence

Women rights

Systemic gender bias
Women in government
Women in business
Women & safety
Ending violence against women

Freedoms & rights

Equal rights for all people
Freedom of belief & religion
Freedom of choice & diversity
Freedom of speech & expression
Freedom of debate & opinion
Rights of assembly & petition

Debates on freedoms

Gov surveillance & spying
Privacy vs national security
Personal data collection
Privacy & social media
Intentional disinformation
Internet & media censorship
Questionable freedoms
Debates on what is legal
Debates on what is moral
Gun violence & gun control

Specific Global Issues

Environment

Environment - general topics

- Environmental resources
- Resource management
- Ecosystem value
- Preserving natural habitats
- Paradigms on the environment
- Environmental goals & protection
- Pollution vs health
- Chemical toxins into air & water
- Radiation into environments

Environmental issues

- Ecosystem degradation
- Short-term vs long-term thinking
- Pollution vs health
- Air pollution vs clean air
- Water pollution vs water quality
- Water management
- Ocean pollution & protection laws
- Land & soil pollution
- Valuing & protecting resources
- Valuing biodiversity
- Valuing beauty
- Protecting wildlife
- Environment vs development
- Global warming & climate change
- Low-carbon economics
- Environmentally safe energy

Pollution

- Water Pollution
- Air pollution
- Water & air quality
- Land & soil pollution
- Radiation pollution

Environmental goals

- Sustainable ecologies
- Bio-diversity preservation
- Clean water, air, and land
- Healthy oceans
- Climate stability
- Renewable/alternative energies
- Environment first
- Earth sustainable economy

Environmental resources

- Tragedy of the commons
- History of environmental abuses
- History of environmental disasters
- History of resource grabbing

Protecting the environment

- Protecting ecosystems
- Protecting habitats
- Protecting biodiversity
- Biodiversity of seeds
- Wildlife refuge & conservation
- Legal protections
- Environmental economics
- Environmental political activism

Air pollution

Air pollution issues

- Air pollution problems
- Air pollution & climate change
- Air pollution & health problems
- Air polluted places
- Trans-national air pollution
- Air pollutants
- Air pollution & ozone
- Air pollution solutions
- Air regulation economics
- Ways to reduce air pollution

Effects of air pollution

- Acid rain
- Ozone pollution
- Visibility effects
- Effects on farming & gardening
- Effects on global climate change

Air quality

- Air quality vs industries
- Health related to air quality
- Measuring air quality
- Studies of air sheds
- Urban air quality
- Health effects of smog
- Worst places of air pollution
- How air quality is degraded
- Effects from forest fires

Impacts from carbon emissions

- Breathing air
- Climate disruptions
- Farming
- Ecosystems & habitat
- Biodiversity
- Forests
- Wildlife
- Oceans

Ozone pollution

- Importance of stratosphere ozone
- Protecting the global ozone
- Worldwide ozone depletion
- Ozone holes
- Haloalkanes
- Refrigerants & air conditioning

Types/causes of air pollution

- Types & causes of air pollution
- Types of air pollutants
- Tropospheric ozone
- Particle matter
- Carbon monoxide
- Sulfur dioxide
- Nitrogen oxides
- Lead
- Dioxin
- Benzene
- Radiation pollution
- Polluting stratospheric ozone

Sources of air pollution

- Fires & wood burning
- Volcanic gases
- Industrial air pollution
- Pollution from coal
- Pollution from oil & gas
- Mining & mineral processing
- Auto & trucking emissions
- Landfills & construction sites

Indoor pollution

- Primitive cooking & heating
- Carbon monoxide
- Mold & pollens
- Toxic paints & drywall

Toxins in homes

- Exposure & cumulative risk
- Endocrine disruptors
- Flame retardants
- Aflatoxins, Dioxins & PCBs
- Bisphenol-A in containers
- Phthalates - chemical additives
- Radon in the home

Radiation problems

- Radiation's effect on health
- Natural sources of radiation
- Ionizing radiation
- Ultraviolet radiation
- Microwave radiation
- Cell phones radiation
- Radiation in medicine procedures
- Airport security scanning

Water pollution

Polluted water

- What is polluted water
- Toxic spills into water
- Human waste into water
- Water pollution diseases

Types of water pollution

- Surface water pollution
- River pollution
- Sediment pollution
- Groundwater pollution
- Nonpoint pollution

Sources of water pollution

- Industrial toxins in water
- Agricultural wastes in water
- Pesticide & fertilizer pollution
- Waste rubbish & sewage

Water pollutants

- Toxic heavy metals
- Mercury, Lead, Chromium, Arsenic
- Pesticides & fertilizers
- Micro-plastics
- Radionuclides

Toxic leakages, spillage, runoff

- Toxic spills into water
- Toxins into groundwater
- Toxic underground storage
- Coal ash – toxic & leaking
- Oil spill pollution
- Oil spills effects on marine life

Mining & drilling pollution

- Hard rock mining
- Acid mine drainage
- Oil & gas fracking pollution
- Underground injection

Worst toxic sources

- Chemical manufacturing
- Products containing mercury
- Products containing arsenic
- Product manufacturing
- Pesticide manufacturing
- Toxins in agricultural production
- Industrial estates & dumpsites
- Mining & ore processing
- Mining processing & mercury
- Mining processing & lead
- Artisanal gold mining
- Lead-acid batteries
- Lead smelting
- Tannery operations
- Dye industry

Water protection

Governing clean water

- Public access to clean water
- Government regulations
- Protections against water abuse
- Community water protection

Freshwater management

- Protecting fresh water systems
- Assessment of source water
- Source water protection
- Rivers & lakes eco-management
- Reservoir management
- Groundwater protection
- Water storage
- Watershed management

Water conservation

- River water conservation
- Groundwater conservation
- Wetlands & estuary storage
- Improving fresh water systems
- Ways to expand the water supply
- Efficiency in irrigation methods
- Regulating water use
- Technologies for water collection
- Stormwater runoff management
- Desalination technologies
- Nano-tech for desalination

Protecting wetlands

- Wetland ecosystems
- Threats to wetlands
- Wetlands conservation

Rivers & streams

- Balancing river ecology with uses
- Protecting water flow
- River basin management
- Riparian management
- River fragmentation
- Flood management

Protecting rivers of world

- Great rivers at risk
- Protecting wild & scenic rivers
- Protecting forest rivers
- Protecting river ecosystems
- Protecting river basins
- Issues with water dams
- River restoration

Wastewater

- Wastewater disposal
- Wastewater management
- Wastewater Treatment
- Reusing greywater
- Wastewater drainage
- Wastewater & wetlands

Ecosystems

Ecosystems & biodiversity

- What ecosystems do
- Ecosystems science
- Biodiversity importance
- Indicators of biodiversity
- Recording biodiversity
- Ecosystem adaptations
- Ecosystem changes by man
- Evolution of diverse species

Kinds of biodiversity to protect

- Animal biodiversity
- Plant & crop biodiversity
- Forest & tree diversity
- Ocean biodiversity
- Freshwater biodiversity
- Soil & micro-organism diversity
- Pollinator diversity

Regional issues of biodiversity

- Forest biodiversity
- Rainforest biodiversity
- Mountain biodiversity
- Tundra & polar regions
- Grasslands & savannas
- Deserts biodiversity
- Rivers & lakes biodiversity
- Wetlands & floodplains
- Coastal & island biodiversity
- Ocean biodiversity
- Coral reefs

Threats & losses of biodiversity

- Measuring biodiversity
- Loss of biodiversity
- Causes & effects of habitat loss
- Endangered kinds of habitat
- Endangered species
- Threatened land species
- Threatened ocean species
- Threatened bird species
- Loss of bird populations

Problems for biodiversity

- Resource exploitation & depletion
- Over-harvesting land & oceans
- Effects of CO2 on biodiversity
- Effects of climate change
- Problems of invasive species
- History of plant & animal migration
- Monocultural agriculture

Causes of Habitat loss

- Deforestation
- Illegal Wildlife Trade
- Unregulated fishing practices
- Pollution of various kinds
- Agricultural encroaching
- housing developments
- Industrial developments
- Oil & Gas Development
- Global warming & Climate Change

Protecting Habitats

- Special places to emergency protect
- Habitat buffers
- Economic Ways to protect habitats
- Community-based Conservation
- Conservation by eco-tourism
- Wildlife and farming communities
- Wildlife Places & Bio-gems

Protecting unique bio-zones

- Protecting special biodiversity gems
- biodiversity seascapes
- protecting wilderness areas
- Coral reef conservation

Biodiversity policies

- Global biodiversity targets
- Global strategies for bio-protection
- International & domestic policies
- Economic incentives & taxation
- Economic value of biodiversity
- Biodiversity & tourism
- Animal habitat protection
- Protecting endangered species
- Land trusts of wildlife protection

Eco-Conservation

- Conservation ecology
- Restoration Ecology
- Ecosystem management
- Multi-functional landscapes
- Land Conservation
- Preserving diverse kinds of habitat
- Reforestation & greening
- Using traditional knowledge
- Protecting wildlife

Plant & crop conservation

- Plant conservation
- The role of botanical gardens
- Crop diversity for food security
- Conservation of crop diversity

Seed conservation

- Seed banks
- Seed savers exchanges
- The global seed storage vault
- Seed breeding
- GMO patents
- Genetic seed patents
- People's right to seeds

Wildlife

Protecting world wildlife

- Most endangered & threatened
- Endangered wildlife protection
- Stopping wildlife crime
- Protecting wildlife habitats
- Protecting savannah mammals
- Protecting mountain primates
- Protecting rainforest primates
- Protecting predators & carnivores
- Protecting ocean giants

Wildlife threats

- Declining world wildlife
- Illegal wildlife trade
- Wildlife sport hunting
- Wildlife for profits
- Wildlife vs agriculture
- Livestock losses: problem or myth?
- Polluted water from agriculture
- Habitat loss from development
- Invasive species effects on habitat
- Climate change effects on habitat
- Disease threats to wildlife
- Effects of night-light & sound

Animal cruelty killing

- Aerial gunning & culling
- Cruelty of traps & snares
- Cruelty of poisoning
- Cruelty to animal dens
- Slaughters in Africa & Asia
- Cruel attacks on elephants
- Cruelty to whales & dolphins

Wildlife conservation

- Wildlife conservation corridors
- Wildlife refuges
- Regional wildlife restoration
- Restoring wildlife populations
- Re-wilding areas
- Captive breeding & reintroduction
- Refuges for dangerous animals
- Hunting & wildlife conservation
- Sustainable selective hunting
- Sustenance wildlife hunting

Most endangered wildlife

- Elephant
- Tiger
- Snow Leopard
- Polar Bear
- Pacific Walrus
- Orangutan
- Gorilla
- Giant Panda
- Javan Rhinoceros
- Magellanic Penguin
- Sea Otter
- Blue Whale
- Bluefin Tuna
- Leatherback Sea Turtle
- Whooping Crane
- Monarch Butterfly

Forests

Forest topics

- Forest benefits
- Forest threats
- Forest ethics
- Forest activism
- Forest solutions
- Forest ecosystems
- Forest biodiversity
- Tropical rainforests
- Forests & water
- Forests & wildlife
- Forests & recreation
- Forests & climate change
- Forests & natural fires

Benefits of forests

- Benefits from forests
- Global importance of forests
- Forests mitigating global warming
- Climate moderation from forests
- Forest biodiversity
- Medicines from forests
- Industrial products from forests
- Recreational benefits
- Health & well-being from forests

Threats to forests

- Logging & deforestation
- Agriculture & deforestation
- Shale gas fracking in forests
- Natural forest fires
- Intentional forest fires

Deforestation

- Effects of deforestation
- Causes of deforestation
- Clear-cutting for profit
- Areas of global deforestation
- Forest land grabbing
- Emissions from deforestation fires
- Illegal logging

Reasons for deforestation

- Deforestation for agriculture
- Deforestation for paper
- Deforestation for wood
- Deforestation for palm oil
- Deforestation for oil & gas
- Using forests for heat & fuel

Sustainable forestry

- What is sustainable forestry
- Eco-sustainable forest mgmt
- Sustainable tropical forests
- Sustainable forest industries
- Sustainable forest building products
- Sustainable forestry economics
- No clear cutting; selective cutting
- Replacing slash & burn farming
- Preventing invasive species

Integrating agriculture & forest

- Forest foods & products
- Forests & chocolate
- Forests & coffee
- Forests & bananas

Reforestation

- Restoring forest ecosystems
- Restoring tropical forests
- Restoring deciduous forests
- Restoring native forests
- Road reclamation
- Restoring forests to absorb CO2
- Reforestation & land management
- Landscaped forests or natural?
- Urban forests & tree sanctuaries

Global forest protection

- Economics to prevent deforestation
- Activism protecting forests
- Forest monitoring; forest watchers
- Indigenous management of forests
- Indigenous land stewardship
- Forest stewardships & land trusts

Protecting rainforests

- Protecting the Brazilian Amazon
- Protecting the African Congo
- Protecting the Borneo rainforests
- Protecting the Sumatra rainforests
- Protecting Costa Rica rainforests
- Canadian Great Bear rainforest
- Cork forest conservation

Oceans

Ocean topics

- Ocean pollution
- Depleting ocean resources
- Ocean fishing
- Ocean rights
- International ocean agreements
- CO2 & ocean acidification
- Antarctica acidification & pollution

Ocean pollution

- Types & sources of ocean pollution
- Chemical pollution
- Antibiotics & medicines pollution
- Plastic pollution
- Removing ocean plastics & toxins
- Trash pollution
- Sewage pollution
- Cruise ship pollution
- Oil spills into oceans
- Agricultural & forestry pollution
- Ports & dredging pollution
- Abandoned mine drainage

Ocean ecosystems & habitat

- Aquatic ecosystems
- Marine biodiversity
- Pollution effects on ocean habitats
- Marine habitat destruction
- Protecting marine habitats
- Protecting marine life
- Protecting coral reefs
- Protecting special areas

Marine ecosystem management

- Protecting marine habitats
- Enhancement of marine habitats
- Protecting genetic fish resources
- Ecosystem-based fisheries
- Rebuilding fish stocks
- Integrative aquaculture
- Integrated watershed

International ocean protections

- International laws & protections
- International laws of the sea
- United Nations agreements
- International organizations
- Science-based ocean governing
- Protections against pollution
- Protections against overfishing
- Protecting ocean habitat & diversity
- Marine protected areas & reserves

Citizen actions

- Citizen actions for ocean cleanup
- Protecting marine ecosystems
- Protecting great marine mammals
- Government regulations
- Political actions for ocean reserves
- Reasons for a global ocean cleanup
- Ocean education

Climate change

Global warming

- Global warming & climate change
- Global warming science
- The greenhouse effect
- How to study global warming
- How to avert global warming

Climate change

- Natural causes of climate change
- Human causes of climate change
- Air pollution & climate change
- Contributing industries to CO2

Greenhouse causes

- Carbon emissions
- Problems in burning carbon for fuel
- Industrial emissions
- Transportation & shipping
- Public costs of carbon emissions

Greenhouse gases

- Carbon dioxide
- Methane
- Nitrous oxide
- Water vapor
- Ozone & ozone layer
- Halocarbons
- Aerosols
- Fluorinated gas
- Animal farming emissions

Effects of climate change

- Global warming impacts
- Effects of climate change
- Climate change & wildlife
- Extreme & severe weather
- Droughts
- Floods
- Rising ocean tides on urban villages
- Tipping point for climate extremes

Ocean & coastal indicators

- Ocean temperature changes
- Glacial warming & de-icing
- Rising sea levels
- Coastal area flooding
- Ocean life & acidity
- Adapting to ocean changes

Climate change & ecosystems

- The oceans ecosystems
- Ocean acidification
- Coastal ecosystem changes
- Biodiversity & climate change
- Climate change & water resources
- Regions of animal habitats
- Regions of forests & vegetation
- Changes shown in Antarctica

CO2 emissions

- Causes & sources of CO2
- CO2 solutions & forests
- CO2 acidity & oceans
- CO2 and weather changes
- Reducing CO2 emissions
- CO2 capture & storage
- New tech in recycling carbon

Reducing carbon

- Reducing personal carbon footprint
- True pricing of carbon emissions
- Limits on emission pollution
- Reducing short-lived pollutants
- Penalizing tax for carbon emissions
- Carbon-tax revenues to alternatives
- Global carbon markets
- Arguments against carbon markets

Agriculture & climate change

- The food & climate connection
- Plant production & climate change
- Food production & global warming
- Climate implications on food chains
- Agricultural greenhouse emissions
- Livestock emissions
- Deforestation emissions
- Biofuels emissions

Climate change mitigation

- Preparations for climate-change
- Climate adaptive strategies
- Protecting against severe weather
- How to survive weather
- Climate smart conservation
- Climate adaptive farming
- Financing climate mitigation
- Cultural lifestyle changes

Political & educational solutions

- Climate initiatives & agreements
- Grassroots political initiatives
- Protecting & restoring forests
- Regulating carbon-industries
- Education on climate change

Environmental economics

Environment & ecosystem value

- What has economic value
- Value of environment & resources
- Valuing environmental health
- Measuring ecosystem services
- Measuring *all* environmental costs
- Clean air & water

Sustainable green economics

- What is a green economy
- Eco-sustainable economics
- Environmental limits on economics
- Environmentally clean industries
- Environmental sustainable living
- Long-term planning vs short-term
- Towards a steady-state economy

Building a green economics

- How to build a green economy
- Green incentives & tax breaks
- Private & public investments
- Successes of green businesses
- Green management plans
- Green supply chains

Environmental solutions

- Renewable & clean energy
- Low carbon technologies
- Green-eco cars
- Green-eco public transportation
- Green-eco homes & buildings
- Green-eco industries

Lowering carbon

- What are carbon emissions
- Public costs of burning carbon
- Low carbon economy
- Low carbon policies & incentives
- Taxing carbon emissions
- Carbon cap & trade

Protecting ecosystems

- Preserving & protecting ecosystems
- Preserving global resources
- Protecting biodiversity & wildlife
- Sustainable land & water mgmt
- Restoring degraded land & waters
- Solutions to climate change
- Ways to mitigate climate change

Protecting the environment

- Protecting the air, water & land
- Protecting the global oceans
- Protecting ecosystems & species
- Protecting sentient life

Environmental protection laws

- Protecting public land & water
- Protecting resources & ecosystems
- Protections against resource ripoffs
- Penalties for pollution & overuse
- Incentives for natural preservation
- Global environmental protections
- Global environmental resource tax

Waste & recycling

Industrial & consumer waste

- Household hazardous waste
- Used chemicals waste & storage
- Industrial wastes & debris
- Construction & demolition debris
- Disaster debris
- Plastics trash on oceans & land
- Electronic & battery waste
- Auto parts & old tires
- Used oil & antifreeze

Sustainable consumption

- The buy & throw-away economy
- Reducing waste & trash
- Reducing consumption
- Reducing energy-use
- Reducing energy production
- Reusing, repairing, recycling

Reducing waste

- Recyclable products & materials
- Reducing products and materials
- Reusing products and materials
- Repairing products and materials
- Recycling products & materials
- Recycling industrial wastes
- New technology in waste solutions
- Economic incentives for recycling
- Regulations & penalties
- Reducing plastics debris
- Reducing electronic waste
- Recycling household wastes
- Composting food & garden waste

Advances in recycling

- Things to recycle
- Newest recycling solutions
- Advanced tech recycling
- Closed-loop recycling
- Single-stream recycling
- Advancing the recycling market
- Coordination in recycling programs
- Recycling carbon

Recycling materials & products

- Recycling paper
- Recycling glass
- Recycling metals
- Recycling electronics batteries
- Recycling auto stuff
- Construction & demolition debris
- Recycling textiles
- Recycling industrial materials
- Recycling depleting minerals
- Recycling rare minerals

Recycling plastics

- Towards reusable plastics
- Recycling all plastic materials
- Re-useable & closed-loop products
- Recycling plastic bags, wraps, film
- Biodegradable bags
- Advanced plastics recycling
- Newest technology
- Recycling mixed plastics
- Energy recovery from plastic wastes

Energy use

Energy uses

- Uses of electricity
- Energy consumers
- Industry & manufacturing uses
- Home & small business uses
- Transportation uses
- Communication uses

Energy & electricity

- Forms of electrical energy
- Science of electricity generation
- Energy storage & batteries
- Energy transmission & distribution
- Building a smart power grid

Effects of energy production

- Effects of oil & coal production
- Effects of natural gas production
- Effects of nuclear production
- Solar & wind production
- Hydro & geothermal production
- Effects of biomass production

Energy economics

- Needing energy & fuel
- Environmental costs of energy use
- Energy-saving & conservation
- Limiting energy use
- Non-renewable energy economics
- Renewable energy economics
- Energy independence
- Long-term energy goals

Energy efficiency

- Ways of energy-saving
- Being efficient with energy use
- Energy-efficient businesses
- Energy-efficient manufacturing
- Energy-efficient transportation
- Energy-efficient buildings
- Energy-efficient appliances & use
- Smart sensors for energy saving
- Energy management
- Public transportation

Smart-green building

- Energy-efficient buildings & homes
- Energy efficient design
- Affordable green housing
- Green building – how to basics
- Green building networking

Home & building efficiency

- Energy saving in homes & business
- Home & business renewable energy
- Passive solar design
- Insulation materials
- Wood & pellet heating
- Thermostats & smart meters
- Kinds of home heating
- Kinds of water heaters
- Energy efficient lighting
- Energy efficient cooling
- Energy-saving moisture control

Non-renewable energies

Political & economic debates

- Pro-arguments for non-renewables
- Arguments against non-renewables
- Political contributions from industry
- Political rhetoric of energy security
- Hidden costs of fossil fuels

Natural gas

- How natural gas makes energy
- Uses of natural gas
- Sources of natural gas
- Global natural gas reserves
- Natural gas international trade

Mining natural gas

- Damages from natural gas drilling
- Drilling in natural wilderness
- Gas flaring – wasting gas
- Carbon & methane emissions
- Issues with gas pipelines
- Delivery & storage of natural gas
- Liquefied natural gas

Fracking for natural gas

- How fracking works
- Hydraulic fracturing myths & facts
- Geologists – is fracking bad or not?
- Pro-arguments for fracking
- Arguments against fracking
- Seismic damages & water pollution
- Property rights vs community rights
- Fracking politics

Water issues with fracking

- Water-loss from fracking
- Water pollution from fracking
- Transporting fracking waste-water
- Air pollutants from fracking
- Campaigns against fracking

Sources of petroleum

- Sources of oil
- Global oil reserves
- Exploring for oil
- Oil shale
- Petroleum production
- Gas & diesel production
- Refining crude oil

Petroleum derivatives

- Chemistry of petroleum
- Gas & diesel
- Heating oil
- Propane & butane
- Natural gas

What is propane

- Chemistry of propane
- Sources & production of propane
- Delivery and storage
- Uses of propane
- Env impacts from propane

Reasons to move on from oil

- Oil-dependent transportation
- Carbon burning emissions
- Climate impacts from using oil
- Use of reserves wrecks life on Earth
- Air pollution toxins from oil & gas
- Oil spills & mishaps on land & water
- Toxic waste pits from oil & gas

Pollution from oil

- Sources & causes of oil pollution
- Spills & leaks in drilling & transport
- Worst ocean oil spills
- Worst toxic chemicals in drilling
- Impacts on land, water & air
- Impacts on ecosystems & wildlife
- Community rights to deny drilling

Oil & gas drilling

- Alaska-arctic oil development
- Drilling vs local communities
- Debates on property rights
- How to get off-shore drilling rights
- What are the oil sands
- Tar sands debate
- Anti oil pipeline campaigns

Oil & politics

- Political contributions for pro-oil
- Tax & regulation loopholes
- Fossil fuel subsidy giveaways

Coal energy

- Uses of coal
- Finding & extracting coal
- Global coal reserves
- Multiple problems with coal
- Coal & health
- Coal & pollution
- Regulations & anti-coal campaigns

Impacts of coal mining

- Coal toxic wastes
- Coal plants emitting mercury
- What is coal ash & its problems
- How coal ash is managed
- Coal ash storage & toxic leaking
- Dumping coal ash into water
- Coal ash impacts on wildlife
- Health impacts of coal ash
- Soot & asthma from coal ash
- Mountaintop-removal mining
- Abandoned coal mines

Coal industry improvements

- Cleaner ways for processing coal
- Carbon-capture and storage
- Coal ash reuse
- Liquid coal

Minerals mining

- Methods of minerals extraction
- Global minerals depletion
- Mining & other industries
- Pro-mining politics
- Mining rights vs public rights
- Local environment effects of mining
- Mining & refining processes
- Toxic risks & environment damage
- Uranium mines & radioactive waste
- Global mining reforms
- Eco-responsible minerals
- Unacceptable sources of jewelry

Mining rare minerals

- What are strategic rare elements
- Product demands for rare minerals
- Depleting supply of rare minerals
- Unregulated depletion of resources
- The future of rare minerals
- China's control of rare elements
- Rare metals for new technologies
- Rare metals for green technologies
- Recycling rare minerals

Renewable energies

Nuclear energy pros & cons

- Nuclear power as clean energy
- Hidden costs of nuclear power
- Safety concerns
- Mining & processing uranium
- Producing/enriching nuclear fuel
- Transporting nuclear fuel
- Problems with waste-storage
- Nuclear accidents
- Nuclear energy & nuclear bombs
- Alliances to end nuclear power
- Power from nuclear fusion
- Advances in nuclear fusion tech

Nuclear power science

- How nuclear power works
- Uses of nuclear energy
- Nuclear reactions & reactors
- The nuclear fuel cycle
- Safety issue of nuclear power

Nuclear waste

- What are the nuclear wastes
- Nuclear waste storage problems
- Handling nuclear waste
- Storage of spent nuclear fuel
- Spent reactor fuel dangers
- Mox fuel

Solar energy

- How solar energy works
- Solar energy collection & storage
- Benefits of solar
- Solar electricity uses
- Solar heating uses
- Large-scale solar
- Small-scale solar
- Integration with the power grid

Solar photovoltaic electricity

- Science of photovoltaic conversion
- Solar photovoltaic designs
- Types of photovoltaic systems
- Photovoltaic materials most used
- Measuring degrees of efficiency
- Solar-cell rechargers

Economic costs of solar

- Solar cells & batteries
- Building & installing
- Solar energy market economics
- Solar technology research
- Large-scale economic costs
- Benefits vs costs

Small-scale solar

- Small-scale solar energy
- Small-scale energy storage
- Setting up a small solar generator
- Small-solar crowd-funding

Wind energy

- How wind energy works
- Materials used in wind energy
- Wind turbine manufacturing
- Needed wind
- Wind energy batteries
- Wind energy into the grid
- Economics of wind energy
- Large wind technology
- Offshore wind technology
- Global wind resources
- Wind energy from windy areas

Hydropower

- How hydropower works
- Types of hydropower plants
- Types of hydropower turbines
- Large-scale hydropower
- Impacts of large-scale hydropower
- Building a micro-hydropower

Geothermal energy

- How thermal energy works
- Using geothermal heating
- Geothermal heat pumps
- Enthalpy steam fields
- Hot dry rock fields
- Types of geothermal power plants
- Pros and cons of geothermal energy
- Advancing geothermal research

Wave power

- Wave energy science
- Harnessing wave energy
- Using offshore wind
- Tidal energy science
- Harnessing tidal energy
- Ocean thermal power
- Osmotic power

Ocean-marine energy

- Ocean energy
- Marine-hydrokinetic energy
- Marine-hydrokinetic technology
- Wave power
- Wave energy science
- Harnessing wave energy
- Using offshore wind
- Tidal energy science
- Harnessing tidal energy
- Ocean thermal power
- Osmotic power

Biomass energy

- How biomass energy works
- Bio-power
- Biomass for fuel
- Biomass for electricity

Types of biomass

- Types of sustainable biomass
- Bio-mass products
- Wood sources of biomass
- Perennial grass as a biofuel
- Forests for biomass fuel

Bio-gas

- Bio-gas from anaerobic digestion
- Waste dumps or incineration?
- Biogas digesters from farms
- Farm digesters making biopower
- Making energy from garbage
- Bio-gas from landfills

Bio-fuels

- Biofuels science
- Benefits of biofuels
- Types of biofuels
- Biofuels for cars & trucks
- Kinds of biodiesel
- Making biodiesel
- Ethanol – a clean fuel
- Making ethanol
- Ethanol from plant cellulose
- Biofuels from micro-organisms

Bio fuel debates

- Arguments against biofuels
- Food vs bioenergy fuel
- Ethanol - problems
- Cellulosic ethanol - problems
- Waste-based fuels - problems
- Biomass incineration – problems
- Biodiesel – problems
- Arguments for bio fuel & bio energy
- Newest bio-energy technology

New tech in energy

New energy technologies

- Emerging technologies & trends
- Advancing electricity
- Interface between source & output
- Ways of using & distributing energy
- New tech in energy efficiency
- Recycling carbon from emissions

Areas of emerging technologies

- Energy production
- Manufacturing
- Transportation & distribution
- Communication & media
- Network & digital storage
- Computer technologies
- Buildings & homes
- Industrial agriculture
- Sustainable small farming
- Materials recycling

Cogeneration of heat & power

- Cogeneration of heat & power
- What is cogeneration
- Types of fuel involved
- Emerging cogeneration tech
- Industrial cogeneration
- Agricultural cogeneration
- Micro-cogeneration

Electric vehicles

- Hybrid vehicles
- Electric batteries
- Electrical storage
- Fuel cell vehicles
- Hydrogen & fuel cells
- Newest technology advances
- Sources of electricity for vehicles

Why have clean cars

- Oil use & fuel consumption
- Car pollution & public health
- Benefits of fuel efficiency
- Mitigating climate change

Hydrogen fuel

- Science of hydrogen energy
- How fuel cells work
- Production & storage
- Hydrogen safety

Sources of hydrogen production

- Hydrogen from coal
- Hydrogen from nuclear energy
- Hydrogen from renewables
- Hydrogen energy applications

Hunger & food

World hunger

- Hunger in the world
- Problems of starvation
- Drought & climate change
- Food supply & distribution
- People's incapacity to grow food
- Problems of water access
- Problems in government
- Poverty & hunger
- Right to food
- Solving food scarcity
- Food aid issues & problems
- Food emergency-disaster relief
- Teaching about hunger & solutions
- Newest solutions for solving hunger
- Solving farm to people

Malnutrition & nutrition

- Malnutrition in the world
- Nutrition needs
- Nutrition education
- Nutrient fortification
- Dairy to improve world nutrition

Droughts & famines

- Droughts causing of famines
- Eliminating the problems of famine
- Mitigating risk-drought problems
- New technology to solve droughts

Food security

- What is food security
- What is food insecurity
- Scarcity in resources for growing
- Food & water insecurities
- Food security for rural people
- Food security for urban people
- Steps for preventing a food crises

Building food security

- Food security action programs
- Global aid for food security
- Improving food supply
- Sustainable agriculture
- Role of industrial agriculture
- Small-farm agriculture
- Becoming food self-reliant
- Access to farming supplies
- Animal farming for food security
- Helpful animals for food security
- Seafood for food security

Community-reliant food systems

- Building local-reliance in food
- Building an organic food system
- Community-local jobs in food
- Experimenting with crop variety
- Power of community cooperation
- Cooperating markets & local farms
- Need for fair trade agreements
- Export crops & products

Government food policies

- Domestic economic policies
- International economic policies
- Food access for everyone
- Land-use planning for food needs
- Regulations against land grabbing
- Economic incentives to farmers
- Incentives for health-quality food
- Advancing sustainable agriculture
- Developing small farming

Urban food supply

- Urban access to food
- Sources of food for cities
- Infrastructures of food distribution
- Ensuring quality & safety of food
- Jobs in food production & services
- Processed food
- Fast food
- Street food

Food quality

Food safety & quality

- Safety & quality of industrial food
- Safety & quality of animal food
- Safety & quality of fish for food
- Toxins in food processing
- Food packaging chemicals
- Cheating in food safety regulations

Food labeling

- Food nutrition labeling
- Food labels – natural vs organic
- Truth vs hype in labeling
- Food labeling in imports & exports
- Labeling food irradiation
- GMO labeling

Food nutrition

- Nutrition needs
- Protein needs & protein sources
- Carbohydrates & sugars
- Fats & omega 3s

Healthy food

- Defining what is healthy food
- Differences in food & health diets
- Verifying food science claims
- Various eating habits in the world
- Examples of poor diets
- Causes of obesity
- Concerns with GMO foods
- Vegetarian/vegan vs animal diets

Agricultural development

Agricultural development

- Key values in AG development
- Comparing large-scale & small-scale
- Cash crop monocultures
- Large-scale industrial agriculture
- Small-scale local agriculture
- AG experts helping small farmers
- Efforts to intensify crop production
- Public & private partnerships in AG

Agricultural markets & trade

- Trade agreements for food security
- Expanding AG markets & trade
- Ag market access, financing & loans
- Rural finance to help farmers
- Protecting fair trade
- Stabilizing food prices
- Causes of food price volatility

Agricultural problems

- Problems of weather
- Problems of water & drought
- Soil depletion & soil erosion
- Environmental problems in AG
- Regional farming problems

Newest science in AG

- New methods & tech in agriculture
- Genetic modified plants
- Hi-tech tools & robots in AG
- Bio-nanotech in agriculture
- Nanotechnology worries
- Bio-energy in AG industry

Smart agriculture practices

- Kinds of farming systems
- Best practices for smart farming
- Sustainable plants
- Agricultural biodiversity
- Ecological farming
- Preserving seed diversity
- Water management
- Improving soil health
- Pest & pesticide management
- Urban agriculture
- Water reuse for urban AG

Crops for food security

- Resilient & sustainable crops
- Good crops to plant & eat
- Diversity & varieties
- Diversity conservation
- Farming conservation
- Crop intensification
- Rice & other grains
- Foods adapting to climate change

Crop seeds

- Save, diversify & increase seeds
- Saving global seeds with seed banks
- Biotech & nutrient enriched seeds
- Genetically modified seeds
- Genetic seed patents

Industrial AG

Large scale industrial AG

- Industrial crop production
- International industrial AG
- New trends in industrial AG
- Environmental concerns
- Industrial AG problems
- Industrial AG solutions
- Worker rights & fair wages

Traits of industrial AG

- Mono-cropping
- Intensive use of fertilizers
- Heavy use of pesticides
- Intensive irrigation
- Reliance on GE seeds

Issues with industrial AG

- Industrial fertilizers & pesticides
- Questions about food quality
- Industrial livestock production
- Issues with animal feed
- Large-scale land ownership
- Industrial AG & the environment
- Industrial AG in politics & policy

Pesticides

- Benefits vs problems of pesticides
- Chemical effects of pesticides
- Worst pesticides on or in food
- Pesticides into the air & water
- Pesticides & farm worker health
- Pesticide effects on pollinators

Fertilizers

- Science of plant needs
- Science of fertilizers & production
- Fertilizers & phosphates
- World shortage of phosphorus
- Fertilizer industry & AG politics
- Transportation dangers

Fertilizer use

- Benefits of chemical fertilizers
- Nitrogen fertilizers – under-use?
- Is there a need for fertilizers?
- Nitrogen fertilizers – over-use?
- Problems of chemical fertilizers
- Phosphorus & eutrophication
- Fertilizer chemicals in water
- Water pollution from phosphates
- Environmental & health problems
- Limited fertilizer-use strategies
- Fertilizer effects on pollinators

GMO crops

- What is genetically modified
- GMO food worries & debates
- GMOs: claims from both sides
- Organic farmers vs GMOs
- GMO contamination of non-GMOs
- Privatization of genetic varieties
- Lawsuits over GMO migration
- GMO crops for the malnourished
- GMO fish & animals

Ecological Agriculture

Sustainable Agriculture

- Sustainable AG techniques
- Sustainable AG technologies
- Principles of sustainable AG
- Ecological farming
- Sustainable crops
- Sustainable production
- Sustainable distribution
- Rural AG development
- Localized sustainable farming
- Investing in sustainable farming
- Women in community farming

Conservation agriculture

- Principles of conservation AG
- Agro-ecology
- Permaculture
- Conservation benefits & limitations
- Importance of cover crops
- Crop diversity and rotation
- Water conservation & efficient use
- Supplemental irrigation
- Integration of landscaping & food
- Integration of livestock
- Indigenous knowledge of plants

Organic farming

- What is organic farming
- Aspects of organic farming
- Multiple positives of organic
- Why eat organic
- Nutritional increases from organic
- Buying local & organic
- Organic food distribution
- Organic food certification & labeling
- Organic economics
- Can organic AG feed the world?

How-to organic gardening

- Garden tools & materials
- Composting & mulch
- Raised beds & soil prep
- Crop rotation
- Organic fertilizers
- Natural insecticides
- Natural herbicides & pest control
- Attracting beneficial insects
- Nurturing bird habitat
- Native bee pollinators
- Dealing with garden weeds
- Growing herbs & medicinals

Animal farming

Animal farming issues

- Animal life in a factory farm
- Issues with animal transport
- Issues with animal slaughter

Environmental concerns

- Env impacts of animal farming
- Livestock emissions & climate
- Ways to reduce livestock emissions

Health & animal farming

- Health issues with animal factories
- Diseases in & from livestock
- Antibiotics in animal feed
- Use of growth hormones
- Industrial vs organic animal feed
- Effects of animal confinement

Dairy farming

- Dairy processing practices
- Cruelty in the dairy-milk industry
- Cruelty involving veal calves

Chicken & egg farming

- Treatment of chickens
- Concerns about factory chicken
- Chicken transport & slaughter
- Concerns about the egg industry
- Organic & free-range practices

Ethical concerns about animals

- Animal ethics & animal treatment
- Arguments for animal sentience
- Treatment of farmed animals
- Ethical ways of animal farming
- Non-industrial ethical dairy
- Use of animals in lab testing
- Is animal testing necessary

Better ways of animal farming

- Small-farm animals for food & use
- Improvements in factory farming
- Breeding to improve production
- Alternatives to factory farming
- Free-range & pasture grazing
- Organic animal farming
- Livestock for homesteading
- Ethical treatment of animals

Pasture grazing

- Reasons for pasture grazing
- Benefits of pasture grazing
- Varieties of pasture grazing
- Improvements in pasture grazing

Non-meat diets

- What is vegetarianism
- Reasons for a non-meat diet
- What is veganism
- Benefits of a non-dairy diet
- Protein concerns for non-meat diets
- Alternative vegetarian proteins
- Vegetarianism & the environment

Ocean Fishing

Harmful fishing practices

- Harmful fishing methods
- Harming ocean habitats
- Ocean bottom trawling
- Canyon busters fishing
- Large net by-catch
- Commercial whaling & culling

Overfishing the oceans

- Negative effects of overfishing
- Overfishing impacts on food web
- Overfishing of predator fish
- Overfishing tuna, cod, & salmon
- Subsidies promoting overfishing
- Practices of deception to avoid laws
- Illegal & pirate fishing

Sustainable fishing

- Area assessment of fishing capacity
- Science-based catch limit laws
- Standards for responsible fishing
- National monitoring of fisheries
- International fishing laws

Economics of ocean fishing

- Sustainable small scale fisheries
- Sustainable large scale fishers
- Limiting fishing of declining species
- Environmental regulations
- Seafood processing operations
- Seafood market & trade
- Fishing as an occupation
- Fishing communities

Fish farming

- Types of aquaculture fisheries
- Aquacultural systems & technology
- Positive fish farming practices
- Practices with negative impacts
- Env impact analysis for projects
- Open-ocean aquaculture
- Protecting genetic resources
- How to farm fish & shellfish
- Fishmeal & fish oil
- Newest technologies in fisheries

Fish farming concerns

- Aquaculture facts vs myths
- Health concerns of farmed fish
- Impacts of fish feed on the ocean
- Impacts of antibiotics & chemicals
- Debates on genetic engineered fish
- Biotech in aquaculture

Sustainable healthy seafood

- What is sustainable safe seafood
- Kinds of sustainable seafood
- Building a sustainable fish economy

Seafood health concerns

- Health concerns with ocean fish
- Concerns with farmed seafood
- Evaluating what is safe seafood
- Ocean toxins & mercury in fish
- Histamine poisoning in fish
- Nuclear radiation in fish
- Genetically modified fish

Managing water

Global water issues

- Water issues vocab
- The value of water
- Water quality
- Drinking water for everyone
- Water scarcity
- Water security
- Water & food security
- Commercial agricultural use
- Water quality & health
- Water pollution
- Industrial wastes in water
- Rubbish & sewage into water

Water scarcity

- What is water scarcity
- Areas of water scarcity
- Areas of a water crises
- Water scarcity & poverty
- Effects of water drought
- Water in natural disaster areas
- Water in conflicts areas
- Water aid projects

Water access

- Water access for water security
- People's right to water
- Community access to clean water
- Defining community water rights
- Women inequality in water rights

Water as a resource

- Economics of water
- Competition for water
- The value of good water
- Buying clean water
- Protecting water resources

World water use

- Water supply
- Urban water
- Water and agriculture
- Over-use of water in agriculture
- Water distribution & water waste
- Mapping water use & water waste

Water for agricultural use

- Water use in agriculture
- Crops needing lots of water
- Animal uses of water
- Small farm needs for water
- Small farms or industrial agriculture
- Industrial agriculture wasting water
- Water pollution in agriculture
- Fertilizers & pesticides into water

Water economics

- Investing in safe clean water
- Costs & pricing of water
- Water in a green economics
- Business solutions for clean water
- Water rights vs. privatization
- Women collecting water
- Water safe access for women

Water politics

- Water shortages & conflicts
- International water disputes
- Geopolitics of water scarcity
- Politics of water cooperation
- Water planning & infrastructure
- Urban water issues

International water conflicts

- Areas of water conflicts
- Economics of water
- Water and governance
- Ways to resolve water conflicts

Water education

- Teaching about water needs
- Teaching about water respect
- Promoting water protection
- Solving clean water for everyone

Water sanitation & hygiene

- Water for hygiene & health
- Water sanitation
- Diseases in unclean water
- Science of water diseases
- Hygiene education
- Methods of sanitation
- Waste water & sanitation
- Solving sewage drainage
- Solid waste management
- Everyone needs a toilet
- Changing cultural practices

Water quality

- Need for clean & safe water
- Water quality in relation to health
- Assessing the quality of water
- What is acceptable water quality
- Testing what's in the water
- Chemical & microbial problems
- Ways to filter & purify water
- Bottled water – pros & cons
- Bottled water quality
- Plastic contamination in containers

Disposal of wastes

- Safe disposal of chemical waste
- Disposal of electronic waste
- Disposal of consumer waste
- Disposal of human waste
- Uses of animal waste
- Microbes & waste
- Purifying waste

Human waste disposal

- Pit latrines
- Pour-flush toilets
- Ecological toilets
- Leach pits
- Septic tanks
- Open drains
- Sewage interceptors
- Sewage treatment plants
- Ways to assimilate into land or sea
- Latest technology in waste systems

Global health

Factors of health

- Environment & health
- Clean water & health
- Healthy & nutritious foods
- Physical exercises for health
- Social beliefs about health
- Emotions & health

Health problems

- Malnutrition
- Waterborne diseases
- World deceases
- Viruses & flues
- Environmental toxins
- Mental health problems
- Alcohol & drug addictions

Diseases

- Poor water as sources for diseases
- Many kinds of diseases & infections
- Child infections
- Disease & pandemics emergencies
- Disease detection & prevention
- Vaccines & immunizations
- Global vaccine supply
- HIV & other sexual diseases
- Reducing sexual transmission
- Hepatitis
- Malaria
- Smallpox
- Newest diseases & viruses
- Overuse of antibiotics

Mothers & child health

- Reproductive-health
- Family planning
- Maternity health
- Midwifery
- Birth defects
- Breastfeeding & child nutrition
- Child sicknesses & mortality

Health care providers

- Health aid organizations
- Health emergency respondents
- Global health NGOs

Healing remedies

- Drugs for healing
- Pharmaceutical ethics
- Natural medicines for healing
- Traditional healing methods
- Body therapeutics
- Nutritional supplements
- Ways to eliminate body toxins
- Genotech solutions for healing

Bodycare products

- Healthy & safe products
- What is a 'natural product'
- What are quality ingredients?
- Science behind bodycare claims
- Sunscreens & creams
- Clothes without emitting chemicals
- Alternative materials for clothing

Population

Population issues

- Defining over-population growth
- Regions of over-population growth
- Urban populations
- Rural populations
- Aging populations
- Disability populations
- Youth populations
- Migrant & displaced populations
- Populations in drought areas
- Populations in disaster areas
- Populations in poverty areas
- Regional population problems
- Food, water, & shelter needs
- Lack of sufficient employment
- Youth in over-populated areas
- Crime in high population areas
- Drugs in population areas
- Making urban opportunities
- Making rural opportunities

Population growth

- World population growth
- Populations of increasing poverty
- Regions of overpopulation
- Population & carrying capacity
- Population growth & resources
- Population & poverty
- Solutions to overpopulation
- Birth control & family planning
- Economic planning for populations

Poverty

Poverty in the world

- Situations & kinds of poverty
- Regions with extreme poverty
- Poverty from over-population
- Rural poverty
- Urban poverty
- The poverty wheel
- Economic inequalities

Aspects of poverty

- Lack of food & water
- Lack of health-care
- Lack of safe shelter
- Lack of education
- Lack of economic opportunities
- Crimes against people in poverty
- Safety for those in poverty

Poverty relationships

- Poverty & hunger
- Poverty & health
- Poverty & environment
- Poverty & population growth
- Poverty & reproduction
- Poverty from displacement

Poverty solutions

- Solving poverty to solve hunger
- Providing healthcare & security
- Skills training & work opportunities
- Community & small-scale farming
- Small family planning

Economic development

Economic development topics

- Economic development theories
- Measures of economic welfare
- Sustainable development
- Gender equality & opportunity
- NGOs in global development
- UN economic development goals

Reasons for economic inequity

- Geography reasons for inequity
- Cultural reasons for inequity
- Lack of education & skills
- Inequity in land ownership
- Political oligarchy & corruption
- Government incompetence

Problems in development

- Hidden costs in development
- Environment degradation
- Human rights & cultural rights
- Bribery, corruption & dishonesty
- Corporate influences & interests

Global aid

- Myths about world aid
- Measuring international aid
- Aide for economic development
- Need for economic fair trade
- Non-profit aid organizations
- Religious non-profit aid

Development in poor regions

- Theories of economic development
- Developing sustainable economies
- Measuring economic welfare
- Basic needs of poor countries
- Increasing self-reliance
- Urban collectives & cooperatives

Rural development

- Sustainable rural development
- Sustainable small-scale farming
- Agricultural farming cooperatives
- Water protection & water access
- Nature & forest reserves

Agriculture to end poverty

- Regional agricultural-food reliance
- Tools for food sustenance
- Water as key to food sustenance
- Farm cooperatives to end hunger
- Nutritious & easy to grow foods
- Best animals for use & food
- Animal farming & homesteading

UN goals for global development

- Eradicate hunger & poverty
- Universal primary education
- Gender equality
- Reduce child mortality
- Improve maternal health
- Reduce AIDS & other viruses
- Environmental sustainability
- Build partnerships for development

Financing economic development

- International economic investment
- Financing business development
- Assistance with market access
- Assistance with international trade
- International fair trade agreements
- Development loans & debt relief
- Global tax for global assistance
- Domestic financial resources
- Community savings banks
- Community financing initiatives

Global financing institutions

- The World Bank
- International Monetary Fund
- Technical Assistance
- Business assistance
- Public & private partners
- Government cooperation
- The Role of the G7/ G8 / G20

Criticisms of finance institutions

- Criticisms of the world bank
- Criticisms of the IMF
- Where the IMF gets its money
- Deceptions in financial assistance
- Business interests vs human rights

Problems of debt

- Third world debt & effects
- Vultures of debt
- Debt relief & forgiveness

Small Farming**Small farms development**

- Building up rural economics
- Farming & food cooperatives
- Small farm trade cooperatives
- Incentives for small farming
- Investment & loans for small-farms
- Microfinancing solutions
- Teaching small-farming skills

Communities & local farming

- Assessing community food needs
- Creating a community food system
- Farmers' markets & grocery co-ops
- Farm to school food

Land & farming

- What is land sovereignty
- Land rights for food security
- Land tenure & poverty reduction
- land-use & land rights
- Private or public property?
- Community land ownership
- Community & collective farms
- Family & small business farms
- Corporate industrial land grabbing
- Land rights for women
- Women in rural farming

Globalization & trade

Globalization

- Types of globalization
- Globalization: positives & negatives
- Globalized economics & trade
- Globalized corporations
- Globalized communication & media
- Globalization of arts & styles
- Globalization & cultural fusion

International trade

- Kinds of trade policies
- Protectionism vs free trade
- Trade barriers & tariffs
- Currency manipulations

Trade agreements

- International trade agreements
- Examples of trade agreements
- Criticisms about trade agreements
- Hidden dynamics of agreements
- How to evaluate trade agreements

World Trade Organization

- Reasons for the WTO
- What the WTO does
- WTO agreements & rules
- Main criticisms of the WTO
- Trade rules vs trade wars

Free Trade

- Theory of free market trade
- Economic benefits of fair trade
- Pros & cons of free trade

Criticisms of free trade

- Free trade impacts on poor nations
- Major beneficiaries of trade trade
- Trade benefits for corporations
- International banking & free trade
- Neoliberalism goals & agendas
- Labor exploitation & unfair wages
- Fair regulations on free trade

Labor exploitation

- in manufacturing
- in the food industry
- in the fishing industry
- in the jewelry industry
- in the textile industry
- in the cotton industry
- in the cocoa industry

Fair trade

- What is fair trade
- Definitions of fair trade
- Principles for fair trade
- Benefits of fair trade
- Negotiating fair trade
- Fair wages & worker rights
- Preventing labor exploitation
- Fair trade cooperatives
- Promoting fair trade products

Armed Conflicts

Kinds of armed conflicts

- Armed conflicts now in the world
- Conflict regions
- Conflict ideologies
- Why conflicts? Conflict causes
- Ethnic or religious conflict
- Wars over religion, race, or culture
- Wars over land & property
- Militia attacks
- Terrorist attacks
- Lone assailant attacks
- Gang violence

Conflict issues

- Occupation & settlement
- Militant groups
- Nations in transition
- International relations
- Violence & extremism
- Problem of terrorism
- Problems of mental illness
- Domestic violence
- Conflict solutions
- Military vs social solution

Costs of armed conflicts

- Physical & social effects of war
- Problems of poverty & food
- Economic impacts from war
- Environmental impacts from war
- Psychological impacts from war
- Damages from weapons debris

Recovering from war

- Unresolved feelings from a war
- Human & social costs
- Economic costs
- Civilian deaths
- Social & societal recovery
- Psychological recovery
- Children & recovery

Conflict areas

- Regional areas of conflict
- Pick & study an area of conflict
- Nations with conflict
- Nations destroyed by conflict
- Reasons for conflict

Failing & emerging states

- What is a state; what is a nation
- What is national sovereignty
- Claims of independent autonomy
- Fragile states
- Failing states
- Failed states
- How nations can help or intervene

Intervention

- UN intervention to secure safety
- UN peacemaking approaches
- Humanitarian intervention
- UN backed military intervention
- Military intervention by nations
- Intervention in relation to cultures

Weapons

Militaries & spending

- Military spending in the world
- How militaries rule the world
- Military-industrial complex
- Nuclear arms spending
- Arms producing industry
- Costs of war & rebuilding

International arms trade

- Arms industry, market & trade
- Politics & propaganda in arms trade
- Impacts from arms trade
- Reducing the global arms trade
- Treaties about large & small arms
- Reasons for arms control

Weapons of wars

- Categories of weapons
- Chemical bombs
- Biological bombs
- Nuclear bombs
- Mass Destructive Weapons
- Tactical nuclear weapons
- Tactical delivery systems
- Radiological dispersion
- Incendiary weapons
- Cluster munitions
- Landmines & how they harm
- Suicide bombs
- Robotic Weapons
- Target directed drones

Nuclear weapons

- Nuclear weapons & security
- Proposed reasons for nukes
- Who has nuclear weapons
- Nuclear missiles & stockpiles
- Dangers of nuclear arsenals
- Preventing nuclear terrorism
- Nuclear weapons policies
- Assessing nuclear threats
- Nuclear missile defense
- Nuclear proliferation
- Nuclear weapons in space

Nuclear disarmament

- Reasons for disarmament
- Reasons for non-proliferation
- Env impacts of nuclear war
- Social impacts of nuclear war
- Economic impacts of nuclear war
- Agreements, treaties, negotiations
- Nuclear arms reduction
- Campaigns to end nuclear weapons

Small Arms

- Kinds of small arms
- Casualties from small arms
- Small arms & markets
- Small arms exporters
- Psychology of small arm holders
- Armed groups, gangs, cults
- Armed violence prevention
- Small arms regulations

Ethics of war

Ethics of war

- History of war ethics
- Idea of a just war or holy war
- Is there any morality in war?
- Moral conduct in war
- Rules and conventions
- War crimes
- Preemptive & aggressor strikes
- Harm from weapons of pain

Assaults on human rights

- Child warriors - use of children
- Assaults on the innocent
- Murders & cruelty
- Violence against women
- Use of landmines
- Atrocities & genocides from war
- Terrorism as irrational violence
- Targeted killing

Genocide

- Rationalizations of genocide
- Stages of genocide
- Places of genocide
- Enablers of genocide
- Preventing genocide

Detentions & disappearances

- Detention & imprisonment
- Degrading treatment in detention
- Arbitrary detention
- Political & military detention
- Disappearances & executions

Torture

- Definitions of torture
- Torture justifications
- Debates of torture ethics
- Reasons to ban torture
- International laws against torture

Terrorism

- How jihadist terrorism justifies itself
- Paths towards preventing terrorism
- Solving terrorism with open debate
- Military & government surveillance

Doctrines against war

- Justifications for a just war
- Debates about the rightness of war
- Ideas & ideals against war
- Alternatives to war
- Alternatives to military response
- Conflict resolution & diplomacy
- Peaceful societies of the past
- Learning from matrilineal societies
- Doctrines of non-violence
- Doctrines of pacifism

Religious views of war

- Hindu & Buddhist
- Native American
- Taoist & Chinese
- Christian & Judaic
- Muslim & Sikh
- Muslim jihadist
- Religious justifications for attack

Peace & security

Peace & security

- Theories on peace & security
- Peace-keeping & peace-building
- International diplomacy
- Religion in resolution & peace

Peace & security challenges

- Violence & genocide prevention
- Protecting innocent parties
- National internal peace building
- Interacting with with militaries
- Interacting with insurgencies
- Terrorism & organized crime
- Transnational crime & gangs
- Violent religious extremists

International humanitarian law

- What is humanitarian law
- Humanitarian conduct in conflicts
- International rules for detention
- International criminal justice
- International criminal court

Humanitarian interventions

- Humanitarian intervention
- Emergency response in conflicts
- Armed humanitarian enforcement
- Protecting women & children
- Genocide prevention
- Doctors without borders
- UN military intervention
- Defining what requires intervention
- Appropriate UN rules & laws
- Financing interventions & peace

Security & stability

- National defense & security
- Military necessities in security
- Dealing with insurgencies & revolts
- Solving internal national conflicts
- Working to solve group conflicts
- Building a lawful civil society
- Building security & prosperity
- Security in post-conflict areas

Peace & justice

- National human rights laws
- Protecting human rights & security
- Gender, racial & tribal equal rights
- Dealing with anger & distrust
- Transitional & Restorative justice

Peacekeeping

- Peacekeeping & safety
- UN peacekeeping
- International peacekeeping
- Conflict resolution & prevention
- Private military & security
- Monitoring the security sector
- Women in peacekeeping

Peacebuilding

- Peacebuilding goals & principles
- Helping new emerging nations
- Peacemaking & negotiation
- Peacebuilding after conflict
- International peacebuilding
- UN & NGO peacebuilding
- Financing UN & NGO peace work

Aspects of building peace

- Tools for conflict resolution
- Conflict mediation
- Conflict sensitivity & management
- Reconciliation & establishing trust
- Diplomatic talks & negotiation
- Compromise & cooperation
- Shared values & cooperation
- Building treaties & agreements
- Economic development & peace
- Building peace with business trade
- International investment & loans

Pathways to peace

- Non-violent activism
- Peacebuilding tools
- Media in peacebuilding
- Peacebuilding networks
- Women & peacebuilding
- Youth & peacebuilding
- Religious leaders in peacebuilding
- Global peace builder community
- Peace education -- teaching peace

Women in peace & security

- Women in conflict resolution
- Women in post-conflict recovery
- Women in peacebuilding
- Women in security management
- Women in international diplomacy
- Are women better at peacemaking
- Women governing peace & security

Emergencies

Kinds of emergencies

- Weather extremes
- Drought: no food & water
- Storms & floods
- Earthquakes & volcanoes
- Preparing for extremes in weather
- Electrical blackouts
- Hazardous toxic spills
- Health pandemics
- Nuclear accident
- Bio-tech accident
- Casualties from wars & bombs
- Environmental wreckage from war

Emergency response

- UN humanitarian assistance
- International assistance
- Organizations for disaster relief
- First responders
- Emergency food & water supplies
- First aid & medicine supplies
- Transport & distribution needs
- Survival supplies & tools
- Water decontamination
- Kinds of emergency shelters
- Protecting the vulnerable
- Theft in disaster areas
- Property destruction in disasters
- Environmental cleanup
- Economic recovery assistance
- Climate change preparation
- Disaster preparation
- Disaster risk reduction plans

Government

What is good governance

- Key values of good governance
- Criteria of good government
- What is a bad government
- Evaluating social rights
- Evaluating economic progress
- Evaluating government honesty

Aspects of governance

- Protecting social rights
- Fair justice & rule of law
- Ensuring economic fairness
- Functional & efficient economy
- Managing money in the economy
- Protecting resources
- Land use decisions
- International trade agreements
- International relations & peace
- Security of national borders
- Debates about immigration
- Ideals of nationalism

Kinds of government

- Representative democracy
- Oligarchy & plutocracy
- Aristocracy & monarchy
- Dictatorship & authoritarianism
- Collective dictatorship
- Communism
- Fascism
- Totalitarianism
- Theocracy
- Anarchy & anti-government

Principles of democracy

- Principles & values of democracy
- Citizen rights & freedoms
- Constitutional equal rights
- Fair & equal judicial system
- Majority rule & minority rights
- Diversity & minority inclusion
- Negotiation & compromise
- Free & fair elections
- Free speech & independent media
- Right to make political reforms
- Power of internet & social media

Forms of democracy

- Constitutional democracy
- Representative democracy
- Parliamentary democracy
- Direct-vote democracy
- Federalism & regionalism
- Social democracy

United Nations for democracy

- UN work in democracy building
- UN work for world peace
- UN work in economic cooperation
- UN work in human rights

Challenges in democracy building

- From dictatorship to democracy
- Healing from a bad government
- State military influence
- Corruption & bribery
- Maintaining social peace & law
- Resolving state internal conflicts

Security vs freedom

- National security vs freedoms
- Government surveillance
- Government controlled news
- Government disinformation
- Gov controlled censorship
- Imprisonment of dissidents
- State vs opposing ideas

Government transparency

- Government transparency
- Government: secretive or public
- Public access to gov documents
- Government accountability

Corruption in Government

- Problems of corruption
- Tax avoidance & tax havens
- Bribes & contributions
- Money guiding governing
- Anti-corruption strategies

Challenge of crime

- Organized crime
- Gang violence & crime
- Subtleties of extortion & threats
- Illegal drugs & guns
- Sex & slave trafficking
- Theft & robbery
- Maritime & land piracy
- Transnational illegal trade
- Money laundering
- Internet hacking & data piracy
- Economic costs of crime
- Appropriate penalties for crimes

Economics

Economic theories

- Free market capitalism
- Economic liberalism
- Classical economics
- Neoclassical economics
- Planned & command economics
- Socialist & marxian economics
- Fascist & monopolistic economics

Mixed economic theories

- Comparing market & command
- Mixing market & government
- Public & private in competition
- Keynesian macroeconomics
- Social market-economics
- Social liberalism
- Liberal socialism
- Democratic socialism

Ideals in market capitalism

- Economic freedom
- Economic opportunities
- Increasing wealth & ownership
- Freedom in business decisions
- Competition benefits customers
- Competition in price & quality
- Law of supply & demand
- Needs & demand creates supply
- Price affects demand
- Minimizing costs & expenses
- Minimizing taxes & fees
- Minimizing regulations
- Maximizing sales & profit

Free market characteristics

- Private property & ownership
- Right to profit & wealth
- Profit incentive for investment
- Freedom in production of goods
- Freedom in providing services
- Freedom in investment & financing
- Freedom in trade & commerce
- Consumer freedom & choice
- Market competition
- Market entry opportunities
- Market creativity & innovation
- Producer & buyer bargaining
- Owner & workers bargaining
- Finance & enterprise bargaining
- Minimal government interference
- Gov protecting a free & fair market
- Socioeconomic inequalities
- Socioeconomic hierarchy

Effects of market competition

- Efficiency in production & services
- Improvement in product & services
- Lower prices & higher quality
- Innovation & invention
- Increasing consumer purchasing
- Increasing profit & investment
- Increasing production & supply
- Increasing labor opportunities
- Increasing social prosperity

Sector issues & advances

- Manufacturing & industrial
- Technology & electronics
- Construction & housing
- Energy production
- Mining & recycling
- Utilities & waste services
- Transportation & auto
- Communication & internet
- Media & entertainment
- Agriculture & food services
- Healthcare & medical services
- Education & skills training
- Scientific & university research
- Financial & banking services

Market problems

- Monopolies, cartels, & lobbyists
- Barriers to market entry & success
- Markets & government lobbyists
- Labor market failures & skill gaps
- Consumers without spending cash

Critiques of market capitalism

- Myth of simple market efficiency
- Myth of a government-free market
- Myth of trickle-down economics
- Expanding inequalities in wealth
- Politics influenced by money
- Tax loopholes for the wealthy
- Crony capitalism, collusion, bribery
- Insider financial trading
- Sweetheart contracts & subsidies
- Regulations guided by the industry

Macro economic topics

- Investment & banking
- Banking & loan practices
- Banks & risk investments
- Financial & stock markets
- Housing & property markets
- Production & service markets
- Employment opportunities
- Labor unions & worker rights
- Multinational corporations
- How to decentralize monopolies
- How to increase competition
- Ways to acquire capital & finance
- Uses of production machinery
- Uses of computers & hi-tech
- Automation & robotics

Government into economics

- Reasons for economic interventions
- Government economic planning
- Centralized vs localized planning
- Regulations & consumer protection
- Rules of trade & commerce
- Rules of marketing & advertising
- Individual & business Tax
- Economic incentives & tax breaks
- Price supports & subsidies
- Providing common public services
- Public works projects & contracts
- Government as market customer
- Social security, welfare & safety net
- Balancing government budgets
- Stabilizing national debt
- Negotiating international trade

Social economic ideas

Fair market economics

- What is a fair-market vs unfair
- Advantages of concentrated capital
- Ending tax & regulation loopholes
- Socially responsible free market

Government economic guidance

- Government steering the economy
- Applying tax-penalties & tax-breaks
- Steering towards a green economy
- Resource regulations & restrictions
- Consumer protections
- Tax-breaks & loans for sm business
- Tax incentives for social work
- Gov contracts & outsourcing
- Stabilizing Gov budgets & debts

Community guided economics

- Community economic decisions
- Community savings & loan banks
- Community businesses & coops

Resource-cost accounting

- Accounting for environmental costs
- Carbon regulations & restrictions
- Resource use-tax & use-limits
- Taxing pollution & degradation
- Carbon cap & trade markets

Egalitarian economics

- Social market-economics
- Compassionate economics
- Economics & human rights
- Economic goodwill & sharing
- Global economic assistance & aid
- Food, water & health assistance
- Global economic cooperation
- Fair & helpful trade agreements

Government serving public needs

- Public employment options
- Public funded health care
- Public funded education
- Public funded utilities
- Public funded science research
- Assistance & tax breaks for service
- Gov outsourcing to businesses
- Competition of public & private
- Free enterprise serving public need

Government basic support

- Government help for the needy
- Food, water, shelter for everyone
- Job opportunities for everyone
- Opportunities for skills training
- Apprentice learning programs
- Free education for everyone
- Health care for everyone
- Public housing & emergency shelter
- Rent limits & renters tax relief
- Basic living income for everyone

Public advocacy

- Consumer advocacy
- Labor advocacy
- Renters advocacy
- Equal rights advocacy
- Educational advocacy
- Public health advocacy
- Environmental advocacy
- Protecting resources, air & water
- Monitoring corporate politics
- Proposals for economic reforms

Banking & finance

- Regulation proposals for banks
- Decentralizing banking
- Federal savings & loan banks
- Community banks & loans
- New ideas in capital financing
- Micro financing
- Crowd funding

Decentralizing wealth

- How much is excessive wealth
- Positive reasons for a wealthy class
- Evaluating trickle-down economics
- Problems with centralized wealth
- Powers of corporate wealth
- Ways to decentralize wealth
- Maximum limits on wealth
- Progressive taxes on wealth
- Wealth tax vs. wage & sales tax
- Increasing consumer spending cash

Human rights

Human rights principles

- United Nations & human rights
- Principles of human rights
- Equal rights vs discrimination
- Cultural & economic rights
- Individual freedoms vs social-needs

Basic Rights

- Right to food, water & shelter
- Right to health care & hospitals
- Right to literacy & education
- Right to safety & security
- Right to peace & non-violence
- Right to fairness & justice
- Right to work & opportunities
- Right to participate in governance
- Rights & freedoms in other nations

Rights for all people

- Rights of women & children
- Rights of the poor & elderly
- Rights of workers & farmers
- Rights of minorities & indigenous
- Rights of migrants & refugees
- Rights of detained & imprisoned

Discrimination issues

- Discrimination against women
- Discrimination against minorities
- Discrimination against diversity
- Race & ethnic discrimination
- Religious discrimination
- Discrimination & free choice

Protecting human rights

- Human rights watch & monitoring
- Protecting vulnerable people
- International justice
- Restorative justice

Human rights abuses

- Global human rights violations
- Genocide & atrocities
- Gender-based abuses
- Political imprisonment
- Forced displacement
- Forced child labor
- Human trafficking
- Sexual exploitation & rape

Human trafficking

- Facts & situations of trafficking
- Who are the traffickers
- Who are the victims of trafficking
- Trafficking & forced labor
- Trafficking & sexual exploitation
- Poverty in relation to trafficking
- Ways to end human trafficking

Children rights issues

- Children forced to work
- Conditions of child labor
- Children living on the street
- Trafficking & sale of children
- Child soldiers in armed conflicts
- Uncovering child abuse

Detention & imprisonment

- Rights of the detained
- Unreasonable detention
- Detention without trial
- Immigration detention
- Rights of the imprisoned
- Conditions of imprisonment
- Use of isolation & mental torture
- Questionable ethics of torture
- Executions & disappearances

Rights of refugees

- Global refugee problems
- Human rights watch for refugees
- Protecting refugees
- Distinguishing refugees & migrants
- Kinds of asylum seekers
- Reasons for displacement
- Internally displaced refugees
- Armed-conflict displaced refugees
- Environmental displaced refugees
- Refugee emergency response
- Refugee food & water assistance

Refugee solutions

- Health care & schools for refugees
- Building a food system for refugees
- Plans & solutions for resettlement
- Social-cultural issues in relocation
- Refugee assimilation
- Helping refugees return home

Women's rights

Women's rights & freedom

- Gender inequalities
- Women's movements
- Women empowerment
- Reproductive rights & debates
- Birth control rights
- Debates on birth-control
- Women debating women's rights
- Different cultures of women
- Differences in women's appearance

United Nations & women's rights

- Marriage & divorce rights
- Women & property rights
- Women's equality in job & pay
- Gov promoting gender equality
- Protecting women's rights

Women & health

- Ways to promote women's health
- Women's decision in health-care
- Pregnancy & birth health-care
- Birth control & family planning
- Abortion problems & issues
- Women & HIV/AIDS
- Sanitation safety for women
- Women employed in health-care

Systemic gender bias

- gender role stereotypes
- gender bias in the workplace
- gender bias in academic professions
- gender bias in performance media
- gender bias in big business
- gender bias in news & credibility

Women & business

- Equal opportunities & fair pay
- Women's economic empowerment
- Women in business
- Women entrepreneurs
- Investing in women entrepreneurs
- Cloud investment & loans
- Women investing in women

Women in governing & peace

- Women in leadership & politics
- Women in global diplomacy
- Women in peace & security
- Women in conflict-resolution
- Women in peace-building
- Women in health services
- Women in emergency relief
- Women in education

Woman's safety

- Problems that women encounter
- National laws protecting women
- Ending gender violence & assault
- Safe cities & rural areas
- Providing safe protective shelters
- Protecting women in conflict areas
- Protecting women in emergencies
- Protecting the safety of girls
- Women in security positions
- Women working with local police

Gender violence

- Gender-based violence
- Domestic violence
- Sexual violence
- Sexual exploitation
- Abuses of women & girls
- Ending rape cultures
- Educating men & boys
- Defining sexual harassment
- Sexisms & putdowns

Girl injustices & dangers

- Girl discrimination & injustices
- Girl inequalities in education
- Honor killings of girls
- Female genital mutilation
- Child forced-marriage
- Bride kidnapping
- Teen rape
- Teen pregnancy
- Teen social pressures

Rights & freedoms

Freedoms

- Debates on rights & freedoms
- Freedom of belief & opinion
- Freedom of religion & culture
- Freedom of speech & expression
- Freedom of assembly & petition
- Freedom of choice
- Rights of privacy

Freedoms of speech

- Freedom of expression
- Freedom of the press
- Freedom on the internet
- Freedom in the arts
- Freedom to invent & initiate
- Intellectual freedom & property
- Freedom to disagree & debate

Freedoms of choice

- Rights of choice & diversity
- Sexual orientation & identity
- Freedom of social association
- Freedom in business hiring
- Choice & discrimination
- Freedom & responsibility

Surveillance vs privacy

- Government surveillance
- Surveillance technologies & uses
- Privacy of internet & phone
- Privacy vs national security
- National security justifications

Debatable freedoms

- Questionable uses of technology
- Technologies of deception
- GE plants & animals
- GE humans
- Lab testing on animals
- Abortion: a freedom or crime?
- Right to assault weapons?
- Questionable religious traditions
- Abusing other's rights & freedom

Media & freedom

- Freedom of internet & social media
- Social media influencers
- Social media marketing
- Consumer surveillance & big data
- Collecting macro & micro data
- Money influences in news media
- Biased news to influence opinions
- Fake news & disinformation
- Net-bots influencing public opinion
- Gov shutdowns of social media

Solving weapon violence

- Right to guns not assault weapons
- Criminal background checks
- Safety training for gun buying
- Parent-of-kids accountability
- Gun buyback programs
- Disrupting gun black markets
- Gang deterrence & busts
- Youth-employment in crime areas
- Investigating threats of violence

These pages of Global Issues can be purchased as a printed booklet, [Global Topics & Issues](#) (\$3.95), and are also part of a larger booklet -

[Global Education: Research & Writing on Global Issues](#) (\$6.95)

This includes a student assignment for researching and writing about a global issue, though any particular issue can be chosen. It includes assignment guidelines, learning objectives, class ideas, question and note-taking worksheets, critical thinking questions, writing guidelines and rubric, general objectives and themes in global education, and an extensive outline of global issues for research and study.

from EducationForWorldSolutions.org

a non-profit website, free of ads, dedicated to global education on world issues, with hundreds of links to information websites

How can students use these Global Topics & Issues ?

- 1) Look through the 'General Global Topics' section, but first focus more on the *main headings*.
- 2) Then choose a main heading of-interest, and think about which kinds of topics are of most interest.
- 3) Then look in the 'Specific Global Issues' section, to find a related heading and issues of interest.
- 4) Choose one or two of these issues to start researching.