ECOLOGICAL CRISIS

Climate change

climate crisis
climate emergency
dangerous climate change
global heating
threat / risk multiplier

Reciprocal exacerbation

Biodiversity loss
Desertification
Environmental change
Environmental degradation
Erosion
Extinction
Land degradation
Ocean acidification
Pollution
Waste pollution

Describing climate change

Risks & Impacts

climate (change) risk
climate impact
climate-related risk
disaster
disaster risk
environmental impact
high risk
impact
Loss and damage
risk
shock
stress

Slow-onset events

(ocean) acidification
biodiversity loss
climate change
desertification
drought
environmental change
environmental degradation
erosion
extinction
forest degradation
global warming
ice melt
land degradation
melting
mortality
ocean warming
sea (level) rise
temperature
temperature increase / rise
warming
water scarcity
water stress

Parameters

Physical entities & systems

atmosphere
biodiversity
climate
climate system
cryosphere
glacier
groundwater
habitat
hemisphere
ice sheet
mangrove
nature
natural capital
natural environment
oxygen
ozone
particulate matter
permafrost
reef
species
stratospheric ozone
surface water
vegetation
wind
[gaz à effet de serre]

Quality/quantity/degree

[*sea: fce extent*
air quality
average temperature
biocapacity
capacity
climate sensitivity
concentration
cooling
equilibrium (climate sensitivity)
exposure
fertility
forest cover
global temperature
instability
mass balance
mean sea level
mean temperature
moisture
pollutants (per billion)
radiation
salinity
sea level
sea surface
sensitivity
sensitivity
sea surface
soil moisture
stability
surface temperature
threshold
trend
variability
vulnerability
water availability
water quality

Extreme weather events

adverse weather
coastal flooding
cyclone
extreme heat (day / rise / wave)
extreme weather (event / disaster)
flood
flood risk
flooding
hazard
heatwave
heavy precipitation
hurricane
monsoon
natural disaster
run-off
storm
tropical cyclone
wildfire

Parameters

Physical entities & systems

atmosphere
climate
climate system
precipitation
rain
weather

Quality/quantity/degree

average temperature
mean temperature
rainfall
landfall
moisture
temperature
variability

Societal risks & impacts

Socio-economic

dengue
diarrhea
displacement
extreme poverty
food insecurity
malaria
malnutrition
mortality
permanent migration

Parameters

(human) well-being / wellbeing
agricultural production
agricultural productivity
capacity
crop production
economic development
economic growth
energy poverty
energy security
exposure
fertility
food security
human health
income
infrastructure
instability
livelihood
productivity
public health
safety
water safety
stability
vulnerability
yield

Political

Causes

attribution
feedback

Unsustainable systems

Fossil fuels

coal-fired power
combustion
emission
extraction
feedstock
fossil fuel
fossil fuel extraction
fuel
fuel consumption
fuel production
fuel use
gas
gas power
gas production
internal combustion (truck / vehicle / engine / car)
mining
mining
natural gas
oil
oil production
oil spill/leak
pipeline
plastic packaging
production gas
wood

Socio-economic & demographic behaviours

behaviour
consumption
economic development
economic growth
landfill
land use
human activity
infrastructure
industrialisation
overfishing
population growth
refinery
urbanisation

Greenhouse gases

(CO2/CO2e
aerosol
black carbon
carbon
carbon dioxide
climate change
climate pollution
CO2
concentration
emission
CHC
global emission
global greenhouse gas emissions
life cycle
methane
methane leakage
nitrogen
nitrous oxide
pollutant
ppb (parts per billion)
short-lived climate (forcer/ pollutant)
sulphur

Aggravating anthropogenic changes

air pollution
biodiversity loss
deforestation
desertification
ecological footprint
environmental change
environmental degradation
footprint
forest degradation
human influence
ice loss
land degradation
global warming
pollution
water footprint

Evaluation tools

climate science

Measuring uncertainty

certainty
likelihood
(limited/medium/much) evidence
(low/medium/high) agreement
(low/medium/high) confidence
uncertainty

Reducing uncertainty

(greenhouse gas / CHC / emission) inventory
baseline
base year
baseline scenario
(climate) model
risk assessment
modeling
poverty scenario
projection
prosperity scenario
reporting
risk assessment
scenario

Addressing climate change

climate action
collective action
early action

Emission reduction

abatement
capacity building
climate (change) mitigation
decarbonization/decarbonisation
emission reduction
global mitigation
mitigation
mitigation action
mitigation potential
net zero (carbon) (emissions)
neutrality
stabilization/stabilisation

Energy transition

fuel / clean / renewable / (green) energy
future
electrification
energy transition
renewable revolution
substitution

Parameters

Production/consumption

conversion
electricity consumption
electricity generation
electricity production
electricity supply
electricity use
energy development
energy generation
energy market
energy mix
energy supply
energy use
fuel cost
fuel use
fuel demand
fuel supply
power generation
power production
transport demand
transport energy

Capacity/efficiency

availability
capacity
capacity diversity
effectiveness
energy efficiency
energy intensity
generation capacity
installed capacity
leakage
potential / potential
reliability
technical potential

Available/necessary resources

biomass
copper
energy source
gallium
indium
lithium
radiation
solid biomass
traditional biomass

Available/necessary infrastructures

energy infrastructure
energy system
energy technology
grid
infrastructure
mini-grid
power plant
power system

Secondary energy sources

electricity
energy
final energy
hydrogen
thermal energy

Energetic scenarios

advanced Energy [R]evolution scenario
advanced scenario
Energy [R]evolution scenario

Tools

Renewable energy

bioenergy
biofuel
biomass
clean energy
geothermal energy
hydropower
modern energy (services / sources / supplies / technologies)
nuclear energy
ocean energy
ocean energy
offshore wind
onshore wind
renewable electricity
renewable energy
renewable generation
renewable heating
renewable power
solar energy
solar power
sustainable energy
tidal
wind energy
wind power

Regulation

additionality
carbon budget
carbon market
carbon market
carbon price
carbon pricing
carbon tax
energy policy

Practices to reduce energy loss

cogeneration
insulation

Technologies

(energy) storage
battery

Capturing greenhouse gases

(carbon) removal
(carbon) sequestration
afforestation
carbon capture
carbon sink
forest carbon
forest cover
forest management
forest related mitigation
land management
land use change
reforestation
reservoir
storage
sustainable forest (management / industry)
technical potential
uptake

Resilience & adaptation strategies

adaptation
adaptive capacity
capacity building / capacity-building
climate (change) adaptation
empowerment
national adaptation
resilience

Tools

Anticipating climate risks

disaster (risk) reduction
early-warning system
risk assessment
risk management
risk reduction

Ecosystems services

ecosystem-based adaptation

Policies & funding

adaptation finance
adaptation planning
insurance

Parameters

[risques et impacts]

Reducing inequalities

climate equity
climate justice
environmental justice
equitable transition
equitable development
equity
just transition
poverty reduction

Parameters

Tools

(environmental / climate) justice movement
capacity building
legal aid
prosperity scenario

Parameters

capacity
electricity access
electricity demand
energy access
energy access
energy poverty
energy security
food security
historical responsibility
inequality
institutional capacity
malnutrition
poverty scenario
sensitivity
technical potential
vulnerability
water demand
well-being

Resource management

Tools

agroforestry
biodiversity protection
biodiversity conservation
carbon budget (global)
carbon budget
environmental protection
forest management
recycling
water management
restoration
substitution
sustainable forest (management / industry)
sustainable land management
sustainable management
sustainable use
valuation
water management

Parameters

Ecosystemic

availability
biocapacity
biodiversity
forest cover
productivity (of the biomass)

Anthropogenic

curbside collection
energy consumption
energy intensity
energy supply
energy use
fuel use
land use
solid waste
water demand
water footprint
water supply
water use

Resources

biomass
clean water
coal
cobalt
copper
cropland
electricity
energy
fossil energy
fuelwood
gallium
groundwater
hydrogen
indium
lithium
magnesium
natural capital
natural environment
natural gas
natural resource
oil
primary energy
renewable
resource
solid biomass
species
thermal energy
traditional biomass
vegetation
wood

Systemic tools

governance

(greenhouse gas / CHC/ emission) governance
accountability
climate (change) policy
climate action
climate agreement
commitment period
compliance
climate change planning
double counting
environmental governance
environmental policy
environmental sustainability
flexibility
governance
MRV
Monitoring
NDC1 / NDC
policy
temperature goal
transparency
scope
subsidy
sustainable development

land management

infrastructure development
land use
land use change
sustainable land management
urban planning

economic & financial tools

accounting
climate finance
crediting
divestment
ecological footprint

technological tools

technology
technological development
technological innovation
technology transfer

conscientization

carbon footprint
climate movement
ecological footprint

parameters

behaviour

parameters

effectiveness

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