



Landslide destroys road, isolating small town

CONSEQUENCES

Gain

None

Loss

MONETARY RESERVE: 5% decrease

INDIVIDUAL WELL-BEING: 10% decrease

COLLECTIVE WELL-BEING: 10% decrease

BIODIVERSITY: 5% decrease

Other impact

ENERGY PROFILE: 20% Increase of WIND,
20% decrease of FOSSIL

MITIGATING FACTORS

National assets

LOCAL HEALTH CENTER NETWORK: 50% impact reduction on INDIVIDUAL WELL-BEING and COLLECTIVE WELL-BEING

INSTITUTE OF DEMOCRATIC PRACTICE: 50% impact reduction on COLLECTIVE WELL-BEING

WEATHER EYE: 50% impact reduction on INDIVIDUAL WELL-BEING, COLLECTIVE WELL-BEING, and MONETARY RESERVE

HEALTHY FORESTS HUB: 50% impact reduction on MONETARY RESERVE and BIODIVERSITY

Regional assets

CO-FOUNDER of **REGIONAL EARLY WARNING SYSTEM:** 50% impact reduction on INDIVIDUAL WELL-BEING and COLLECTIVE WELL-BEING

ADAPTIVE CAPACITY 



International investor constructs wind farm

CONSEQUENCES

Gain

MONETARY RESERVE: 10% increase

KNOWLEDGE CREATION: 10% increase

Loss

COLLECTIVE WELL-BEING: 10% decrease

BIODIVERSITY: 10% decrease

Other impact

ENERGY PROFILE: 20% Increase of WIND,
20% decrease of FOSSIL

MITIGATING FACTORS

National assets

UNIVERSITY: additional 50% impact increase
on KNOWLEDGE CREATION

INSTITUTE OF DEMOCRATIC PRACTICE: eliminates
negative impact on COLLECTIVE WELL-BEING

WEATHER EYE: additional 50% impact increase
on MONETARY RESERVE

Regional assets

CO-FOUNDER of REGIONAL RENEWABLE ENERGY

RESEARCH CENTER: 5% increase on KNOWLEDGE CREATION
for each country

ADAPTIVE CAPACITY ↗



Mega forest fire breaks out

CONSEQUENCES

Gain

None

Loss

MONETARY RESERVE: 10% decrease

INDIVIDUAL WELL-BEING: 10% decrease

COLLECTIVE WELL-BEING: 10% decrease

WATER: 10% decrease

BIODIVERSITY: 10% decrease

MITIGATING FACTORS

National assets

SUSTAINABLE AGRICULTURE MICROCREDIT SYSTEM:

50% impact reduction on MONETARY RESERVE, INDIVIDUAL WELL-BEING and COLLECTIVE WELL-BEING

RESERVOIR: 50% impact reduction on MONETARY RESERVE and WATER

WATER TREATMENT PLANT: 50% impact reduction on INDIVIDUAL WELL-BEING and WATER

WEATHER EYE: 50% impact reduction on all resources

HEALTHY FORESTS HUB: 50% impact reduction on INDIVIDUAL WELL-BEING, COLLECTIVE WELL-BEING and MONETARY RESERVE

Regional assets

CO-FOUNDER of **REGIONAL EARLY WARNING SYSTEM:**

75% impact reduction on INDIVIDUAL WELL-BEING and COLLECTIVE WELL-BEING

CO-FOUNDER of **REGIONAL PROTECTED AREA NETWORK:** 50% impact reduction on BIODIVERSITY

ADAPTIVE CAPACITY 



Water polluted from illegal pesticide use

CONSEQUENCES

Gain

None

Loss

INDIVIDUAL WELL-BEING: 20% decrease

WATER: 15% decrease

BIODIVERSITY: 10% decrease

MITIGATING FACTORS

National assets

LOCAL HEALTH CENTER NETWORK: 50% impact reduction on INDIVIDUAL WELL-BEING

WATER TREATMENT PLANT: 50% impact reduction on WATER

Regional assets

PARTNER of **REGIONAL CROPS RESEARCH INSTITUTE:** 50% impact reduction on WATER

ADAPTIVE CAPACITY 



Sustainable forest promotion program arrives at full operation after 20 years

CONSEQUENCES

Gain

MONETARY RESERVE: 5% increase

KNOWLEDGE APPLICATION: 5% increase

WATER: 10% increase

BIODIVERSITY: 10% increase

Loss

None

MITIGATING FACTORS

National assets

NATIONAL PARK: additional 50% impact increase on BIODIVERSITY

HEALTHY FORESTS HUB: additional 50% impact increase on MONETARY RESERVE

Regional assets

CO-FOUNDER of **REGIONAL RENEWABLE ENERGY**

RESEARCH CENTER: 50% impact increase on KNOWLEDGE APPLICATION

CO-FOUNDER of **REGIONAL PROTECTED AREA NETWORK:** 10% increase of BIODIVERSITY [for all countries](#)

ADAPTIVE CAPACITY 



Major storm impacts crop harvest

CONSEQUENCES

Gain

BIODIVERSITY: 5% increase

Loss

MONETARY RESERVE: 5% decrease

INDIVIDUAL WELL-BEING: 10% decrease

CROP PRODUCTION: 20% decrease

MITIGATING FACTORS

National assets

SUSTAINABLE AGRICULTURE MICROCREDIT SYSTEM:

(additional) 50% impact reduction on CROP PRODUCTION

WEATHER EYE: (additional) 50% impact reduction
on CROP PRODUCTION

Regional assets

CO-FOUNDER of **REGIONAL EARLY WARNING SYSTEM:**

50% impact reduction on CROP PRODUCTION

ADAPTIVE CAPACITY 



High Altitude Medical Center opens

CONSEQUENCES

Gain

MONETARY RESERVE: 5% increase

KNOWLEDGE CREATION: 10% increase

KNOWLEDGE APPLICATION: 5% increase

Loss

None

MITIGATING FACTORS

National assets

UNIVERSITY: 50% impact increase on KNOWLEDGE CREATION

ADAPTIVE CAPACITY →



Railway tunnel construction finalized

CONSEQUENCES

Gain

MONETARY RESERVE: 5% increase
KNOWLEDGE APPLICATION: 10% increase
COLLECTIVE WELL-BEING: 10% increase
BIODIVERSITY: 10% increase

Loss

INDIVIDUAL WELL-BEING: 5% decrease

MITIGATING FACTORS

National assets

UNIVERSITY: 5% increase of KNOWLEDGE CREATION

Regional assets

CO-FOUNDER of REGIONAL RAILWAY NETWORK:
50% impact increase on BIODIVERSITY [for all countries](#)

ADAPTIVE CAPACITY 



International mobilization to support indigenous environmental defenders results in constitutional reform formalizing indigenous property title

CONSEQUENCES

Gain

KNOWLEDGE CREATION: 5% increase
KNOWLEDGE APPLICATION: 5% increase
COLLECTIVE WELL-BEING: 10% increase
BIODIVERSITY: 10% increase

Loss

None

MITIGATING FACTORS

National assets

UNIVERSITY: 50% impact increase on KNOWLEDGE CREATION
INSTITUTE OF DEMOCRATIC PRACTICE: 50% impact increase on COLLECTIVE WELL-BEING

ADAPTIVE CAPACITY ↗



New international environment and health organization strategy makes available regional funding for mountain populations

CONSEQUENCES

Gain

MONETARY RESERVE: 5% increase
KNOWLEDGE CREATION: 5% increase
KNOWLEDGE APPLICATION: 5% increase
INDIVIDUAL WELL-BEING: 5% increase
COLLECTIVE WELL-BEING: 5% increase
CROP PRODUCTION: 5% increase

Loss

None

Other impact

All countries benefit

MITIGATING FACTORS

National assets

SUSTAINABLE AGRICULTURE MICROCREDIT SYSTEM: 50% impact increase on CROP PRODUCTION
UNIVERSITY: 50% impact increase on KNOWLEDGE CREATION
INSTITUTE FOR DEMOCRATIC PRACTICE: 50% impact increase on INDIVIDUAL WELL-BEING
IRRIGATION SYSTEM: 50% impact increase on COLLECTIVE WELL-BEING
ECOTOURISM EXTENSION SERVICE: 50% impact increase on INDIVIDUAL WELL-BEING

Regional assets

CO-FOUNDER of **REGIONAL CROPS RESEARCH INSTITUTE:** 50% impact increase on CROP PRODUCTION

ADAPTIVE CAPACITY 



Rare animal species placed on red list, generating conservation funding

CONSEQUENCES

Gain

MONETARY RESERVE: 5% increase

KNOWLEDGE CREATION: 5% increase

BIODIVERSITY: 10% increase

Loss

INDIVIDUAL WELL-BEING: 10% decrease

CROP PRODUCTION: 5% decrease

ANIMAL PRODUCTION: 5% decrease

MITIGATING FACTORS

National assets

HEALTHY FORESTS HUB: 50% impact increase on biodiversity

Regional assets

REGIONAL PROTECTED AREA NETWORK: 50% impact increase on MONETARY RESERVE and BIODIVERSITY

ADAPTIVE CAPACITY 



Funding released for national research program on food security in mountain regions under climate change

CONSEQUENCES

Gain

MONETARY RESERVE: 5% increase

KNOWLEDGE CREATION: 10% increase

CROP PRODUCTION: 10% increase

Loss

None

MITIGATING FACTORS

National assets

WEATHER EYE: 50% impact increase on MONETARY RESERVE and CROP PRODUCTION

Regional assets

CO-FOUNDER of REGIONAL CROP RESEARCH INSTITUTE: (additional) 50% impact increase on CROP PRODUCTION

ADAPTIVE CAPACITY 



Transboundary UNESCO Biosphere Reserve established

CONSEQUENCES

Gain

MONETARY RESERVE: 5% increase
KNOWLEDGE CREATION: 5% increase
INDIVIDUAL WELL-BEING: 5% increase
BIODIVERSITY: 15% increase

Loss

COLLECTIVE WELL-BEING: 5% decrease
ANIMAL PRODUCTION: 10% decrease

Other impact

All countries benefit

MITIGATING FACTORS

National assets

NATIONAL PARK: 50% impact increase on BIODIVERSITY
INSTITUTE FOR DEMOCRATIC PRACTICE: eliminates negative impact on COLLECTIVE WELL-BEING
ECOTOURISM EXTENSION SERVICE: 50% impact increase on MONETARY RESERVE
HEALTHY FORESTS HUB: 50% impact increase on MONETARY RESERVE

Regional assets

REGIONAL PROTECTED AREA NETWORK: (additional) 50% impact increase on BIODIVERSITY

ADAPTIVE CAPACITY 



Large carnivore incidents reduce tourist numbers

CONSEQUENCES

Gain

None

Loss

MONETARY RESERVE: 10% decrease

COLLECTIVE WELL-BEING: 5% decrease

ANIMAL PRODUCTION: 5% decrease

MITIGATING FACTORS

National assets

SUSTAINABLE AGRICULTURE MICROCREDIT SYSTEM:

50% impact reduction on ANIMAL PRODUCTION

NATIONAL PARK: 50% impact reduction

on MONETARY RESERVE

ECOTOURISM EXTENSION SERVICE: additional 50%
impact reduction on MONETARY RESERVE

ADAPTIVE CAPACITY →



Illegally constructed residential developments destroyed in flood

CONSEQUENCES

Gain

None

Loss

MONETARY RESERVE: 5% decrease

INDIVIDUAL WELL-BEING: 10% decrease

MITIGATING FACTORS

National assets

WEATHER EYE: 50% impact reduction on MONETARY RESERVE

ADAPTIVE CAPACITY 



Winter Olympics candidacy approved

CONSEQUENCES

Gain

MONETARY RESERVE: 10% increase

KNOWLEDGE APPLICATION: 10% increase

COLLECTIVE WELL-BEING: 5% increase

Loss

WATER: 10% decrease

BIODIVERSITY: 5% decrease

MITIGATING FACTORS

Regional assets

CO-FOUNDER of **REGIONAL RAILWAY NETWORK:**

50% impact increase on KNOWLEDGE APPLICATION

ADAPTIVE CAPACITY →



New lithium mining commences

CONSEQUENCES

Gain

MONETARY RESERVE: 10% increase
KNOWLEDGE CREATION: 5% increase
KNOWLEDGE APPLICATION: 5% increase

Loss

INDIVIDUAL WELL-BEING: 10% decrease
COLLECTIVE WELL-BEING: 5% decrease
WATER: 5% decrease
BIODIVERSITY: 5% decrease

MITIGATING FACTORS

National assets

UNIVERSITY: 50% impact increase on
KNOWLEDGE APPLICATION
NATIONAL PARK: 50% impact reduction on BIODIVERSITY
WATER TREATMENT PLANT: 50% impact reduction on WATER

Regional assets

CO-FOUNDER of REGIONAL RAILWAY NETWORK: 50%
impact increase on MONETARY RESERVE
CO-FOUNDER of REGIONAL PROTECTED AREA NETWORK:
additional 50% impact reduction on BIODIVERSITY

ADAPTIVE CAPACITY →



Sustainable mountain food label created

CONSEQUENCES

Gain

MONETARY RESERVE: 5% increase
COLLECTIVE WELL-BEING: 5% increase
CROP PRODUCTION: 5% increase
BIODIVERSITY: 5% increase

Loss

None

MITIGATING FACTORS

National assets

SUSTAINABLE AGRICULTURE MICROCREDIT SYSTEM:

50% impact increase on CROP PRODUCTION

IRRIGATION MODERNIZATION: 50% impact increase on COLLECTIVE WELL-BEING

HEALTHY FORESTS HUB: 50% impact increase on MONETARY RESERVE and COLLECTIVE WELL-BEING

Regional assets

CO-FOUNDER of **REGIONAL CROPS RESEARCH**

INSTITUTE: (additional) 50% impact increase on CROP PRODUCTION

ADAPTIVE CAPACITY 



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