*What are the social outcomes of climate policies?*

*HOUSING OR SHELTER*

**Query (title search only)**

|  |  |
| --- | --- |
| **Climate policy (intervention)** | **Social outcomes (outcome)** |
| TI = (  ("climat\*" OR  "global warming" OR  "CO2" OR  "carbon" OR  "GHG" OR  "greenhouse gas” OR  “emission\*” OR  “energy” OR  “gasoline” OR  “kerosene” OR  “coal” OR  “gas” OR  “oil” OR  “fuel” OR  “ecologic\*”)  AND  ("tax" OR  “taxes” OR  “taxation” OR  "polic\*" OR  “measure\*” OR  "mitigation" OR  “abatement” OR  "reduction\*" OR  “reform\*” OR  “intervention\*” OR  “transition\*” OR  “allowance\*” OR  “subsid\*” OR  “pric\*” OR  “program”)) | AND TI = (  “poverty” OR  “welfare” OR  “livelihood\*” OR  “nutrition” OR  “hunger” OR  “well-being” OR  “wellbeing” OR  “human need\*” OR  “basic need\*” OR  “equity” OR  “gender” OR  “clean water” OR  “water access” OR  “drinking water” OR  “sanitation” OR  “energy service\*” OR  “mobility” OR  “accessib\*” OR  “affordab\*” OR  “access” OR  “employment” OR  “unemployment” OR  “jobs” OR  “distribution\*” OR  “inequalit\*” OR  “social” OR  “socio-economic” OR  “progressive” OR  “regressive” OR  “SDG\*” OR  “sustainable development”) |

**Query (title and abstract)**

|  |  |  |
| --- | --- | --- |
| Climate policy (intervention) | Social outcomes (outcome) | Effects |
| TS = (  ("climat\*" OR  "global warming" OR  "CO2" OR  "carbon" OR  "GHG" OR  "greenhouse gas” OR  “emission\*” OR  “energy” OR  “gasoline” OR  “kerosene” OR  “coal” OR  “gas” OR  “oil” OR  “fuel” OR  “ecologic\*”)  NEAR/3  ("tax" OR  “taxes” OR  “taxation” OR  "polic\*" OR  “measure\*” OR  "mitigation" OR  “abatement” OR  "reduction\*" OR  “reform\*” OR  “intervention\*” OR  “transition\*” OR  “allowance\*” OR  “subsid\*” OR  “pric\*” OR  “program”)) | AND TS = (  “poverty” OR  “welfare” OR  “livelihood\*” OR  “nutrition” OR  “hunger” OR  “well-being” OR  “wellbeing” OR  “human need\*” OR  “basic need\*” OR  “human development” OR  “air pollution” OR  “equity” OR  “gender” OR  “housing” OR  “shelter” OR  “clean water” OR  “water access” OR  “drinking water” OR  “sanitation” OR  “energy service\*” OR  “mobility” OR  “accessib\*” OR  “affordab\*” OR  “employment” OR  “unemployment” OR  “jobs” OR  “distribution\*” OR  “inequalit\*” OR  “social” OR  “socio-economic” OR  “progressive” OR  “regressive” OR  “SDG\*” OR  “sustainable development”) | AND TS = (  “incidence\*” OR  “access” OR  “impact\*” OR  "outcome\*" OR  "effect\*" OR  “burden” OR  "improv\*" OR  "decline\*" OR  “increase\*” OR  “decrease\*” OR  “benefit\*” OR  “consequence\*” OR  “influence\*” OR  “opportunit\*” OR  “performance” OR  “implication\*” OR  “suffer” OR  “conflict\*”) |

*AND* **DOCUMENT TYPES:** (Article OR Book OR Book Chapter OR Discussion OR Letter OR Proceedings Paper OR Review)

NOT TS = ("corporate social responsibility" OR "CSR" OR "LULUCF" OR “REDD” OR “CDM”) NOT TI = (“adaptation” OR “forest\*” OR “soil\*” OR “ecosystem service??” OR “agriculture??”)

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| --- | --- | --- |
|  | **Inclusion** | **Exclusion** |
| **Ex-post** | * Studies on actual implemented policies – modelling, qualitative assessments, etc. | * Studies on policies not yet implemented * Simulations of possible policies |
| **Intervention type** | * Supports low/zero-carbon/energy demand reducing technologies and actions * Penalizes fossil fuel and high energy use | * Land-use sector (agriculture, forestry) [also disqualifies biofuels] * Adaptation & climate impacts * Measures directed at local air pollution (e.g. NOx, SOx only) |
| **Outcome type** | * Povery and livelihoods * Nutrition and hunger * Well-being and basic needs * Equity and gender * Infrastructure access (water, sanitation, electricity) * Energy services access and mobility * Jobs and unemployment * Inequality and distribution | * Health (incl. air quality) * “Social cost of carbon” |

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| --- |
| **Disciplines removed** |
| Physics |
| Chemistry |
| Astronomy & Astrophysics |
| Chemistry; Physics |
| Materials Science; Physics |
| Meteorology & Atmospheric Sciences |
| Nuclear Science & Technology |
| Engineering; Instruments & Instrumentation |
| Instruments & Instrumentation; Physics |
| Instruments & Instrumentation; Nuclear Science & Technology; Physics |
| Psychology |
| Optics; Physics |
| Geology |
| **Regex string** |
| ^Physics$|^Chemistry$|^Astronomy & Astrophysics$|^Chemistry; Physics$|^Materials Science; Physics$|^Meteorology & Atmospheric Sciences$|^Nuclear Science & Technology$|^Engineering; Instruments & Instrumentation$|^Instruments & Instrumentation; Physics$|^Instruments & Instrumentation; Nuclear Science & Technology; Physics$|^Psychology$|^Optics; Physics$|^Geology$ |

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|  |
| TI = “fuel cells” OR “loss reduction” |
| TI = “measurement” AND “distribution” |
| Demand response?? |

Agenda:

- Still poor resolution

* Remove social dimensions (Health? Education? Focus on those with direct link, not via recycling: energy poverty, service access, )

**Query (title and abstract)**

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| TS = (((("nuclear" OR "hydro\*" OR "wind" OR "solar") NEAR/5 ("power" OR "energy")) OR ("solar pv" OR "hydropower"))  NEAR/3 ("tax" OR "taxes" OR "taxation" OR "polic\*" OR "measure\*" OR "mitigation" OR "abatement" OR "reduction\*" OR "reform\*" OR "intervention\*" OR "transition\*" OR "allowance\*" OR "subsid\*" OR "pric\*" OR "program" OR "project" OR "deployment" OR "planning" OR "governance")) | AND TS = (  “poverty” OR  “welfare” OR  “livelihood\*” OR  “affordab\*” OR  “justice” OR  “well-being” OR  “wellbeing” OR  “human need\*” OR  “basic need\*” OR  “human development” OR  “employment” OR  “unemployment” OR  “jobs” OR  “equity” OR  “gender” OR  “distribution\*” OR  “inequalit\*” OR  “social” OR  “socio-economic” OR  “progressive” OR  “regressive”) | AND TS = (  “incidence\*” OR  “access” OR  “impact\*” OR  "outcome\*" OR  "effect\*" OR  “burden” OR  "improv\*" OR  "decline\*" OR  “increase\*” OR  “decrease\*” OR  “benefit\*” OR  “consequence\*” OR  “influence\*” OR  “opportunit\*” OR  “performance” OR  “implication\*”) |