SUPPLEMENTARY MATERIAL

Search Strategy

Scopus:

TITLE-ABS-KEY ("air quality" OR "air pollution" OR “chemical exposure” OR “exposure to chemicals” OR "climate change" OR conservation OR disasters OR "ecological determinants" OR "environmental health" OR "environmental human rights" OR "environmental justice" OR "environmental literacy" OR "environmental monitoring" OR "environmental risk" OR "environmental hazards" OR "healthy homes" OR "home hazard" OR "home injuries" OR "musculoskeletal injuries" OR "occupational hazards" OR “pesticide exposure” OR pests OR "school hazards" OR sustainab* OR toxins OR "water pollution" OR "water quality" OR "climate advocacy") AND TITLE-ABS-KEY (“child" OR children OR adolescent* OR teen* OR youth* OR "young people" OR "young adult*" OR "emerging adult*" OR muraheq* OR murahiq* OR yafi* OR yafee*) AND TITLE-ABS-KEY ("Community Participation" OR co-design* OR codesign* OR co-produc* OR coproduc* OR "Participatory research" OR "participatory action research" OR "community engagement" OR “youth participation” OR “youth consultation” OR co-research* OR "Community consultation" OR "community initiated" OR "community driven" OR "community led*" OR "citizen involvement" OR “youth activism” OR “youth council” OR “youth advisory” OR “youth led”)

Web of Science:

((TS=("air quality" OR "air pollution" OR “chemical exposure” OR “exposure to chemicals” OR "climate change" OR conservation OR disasters OR "ecological determinants" OR "environmental health" OR "environmental human rights" OR "environmental justice" OR "environmental literacy" OR "environmental monitoring" OR "environmental risk" OR "environmental hazards" OR "healthy homes" OR "home hazard" OR "home injuries" OR "musculoskeletal injuries" OR "occupational hazards" OR “pesticide exposure” OR pests OR "school hazards" OR sustainab* OR toxins OR "water pollution" OR "water quality" OR "climate advocacy") AND (“child" OR children OR adolescent* OR teen* OR youth* OR "young people" OR "young adult*" OR "emerging adult*" OR muraheq* OR murahiq* OR yafi* OR yafee*) AND ("Community Participation" OR co-design* OR codesign* OR co-produc* OR coproduc* OR "Participatory research" OR "participatory action research" OR "community engagement" OR “youth participation” OR “youth consultation” OR co-research* OR "Community consultation" OR "community initiated" OR "community driven" OR "community led*" OR "citizen involvement" OR “youth activism” OR “youth council” OR “youth advisory” OR “youth led”)

Limited 2010-01-01 to 2026- 12-31

English, French (no Arabic)

PyscINFO

Any Field: (“child” OR “children” OR “adolescent*” OR “student*” OR “teen*” OR “youth*” OR “young people” OR “young adult*” OR “emerging adult*” OR “muraheq*” OR “murahiq*” OR “yafi*” OR “yafee*” OR “kid*”) *AND* **Any Field**: (“air quality” OR “air pollution” OR “chemicals” OR “climate change” OR “conservation” OR “disasters” OR “ecological determinants” OR “environmental health” OR “environmental human rights” OR “environmental justice” OR “environmental literacy” OR “environmental monitoring” OR “environmental risk” OR “exposures” OR “environmental hazards” OR “healthy homes” OR “home hazard” OR “home injuries” OR “musculoskeletal injuries” OR “occupational hazards” OR “pesticides” OR “pests” OR “school hazards” OR “sustainab*” OR “toxins” OR “water pollution” OR “water quality” OR “Climate advocacy”) *AND* **Any Field**: (“Community Participation” OR “co-design*” OR “codesign*” OR “co-produc*” OR “coproduc*” OR “Participatory research” OR “participatory action research” OR “community engagement” OR “collaboration” OR “consultation” OR “co-research*” OR “Community consultation” OR “community initiated” OR “community driven” OR “community lead” OR “citizen involvement” OR “activism”) *AND* **Year**: 2010 *To* 2026

Supplementary Table

S1. Aligning the themes with relevant European and MENA studies

Theme	**Relevant European Studies**	**Relevant MENA Studies**
Creating space for youth collaboration, dialogue and engagement	Castell et al., 2021; Ferreira et al., 2025; Marks et al., 2023; Marques et al., 2020; Padwick et al., 2025; SAMHE Project Consortium et al., 2023	Nielsen et al., 2026; Yerkes & Uakkas, 2025
No one-size-fits-all approach to co-creation	Castell et al., 2021; Gizzi et al., 2019; Marques et al., 2020; Varaden et al., 2021	Nielsen et al., 2026; Yerkes & Uakkas, 2025
Recruitment and retention challenges and contextual barriers to co-creation	Portus et al., 2025	Nielsen et al., 2026; Save the Children’s Resource Centre, 2023 ;Yerkes & Uakkas, 2025
Outcomes of Youth Engagement in Co-Creation	Castell et al., 2021; Doyle et al., 2024; Gizzi et al., 2019; Padwick et al., 2025; SAMHE project consortium et al., 2023; Varaden et al., 2021	Nielsen et al., 2026