

Appendix 4. Records generated for specific searches. Given the limited search capability of databases, a hierarchical approach to searching was used, converting the original string to key words (e.g., “scenario”) and topics (e.g., “mountain”). Searches were subject to the specific rules of individual databases; and variations were documented. Where the facilities were available, language limits to English were set. Where no search bar existed, websites were also hand-searched. The web addresses were correct in July 2020.

Source	Database	Results	Included at title	Included at abstract	Included at full text	Included at critical appraisal	Date downloaded	Search terms	Link
Bibliographic databases	Thomson Reuter’s (formally ISI) Web of Science™ Core Collection	43	34	23	12	12	9/5/17	TOPIC:(“scenario analy*” OR “scenario develop*” OR “scenario plan*” OR “scenario”) AND TOPIC: (“mountain*”) AND TOPIC: (“participat*” OR “collaborat*”) Limiters: English language, Exclude: data set, legislation, clinical trial, patent, news	https://login.webofknowledge.com/
	Academic Search Premier	39	16	9	1	1	9/28/17	TOPIC:(“scenario analy*” OR “scenario develop*” OR “scenario plan*” OR “scenario”) AND TOPIC: (“mountain*”) AND TOPIC: (“participat*” OR “collaborat*”) Limiters: Language: English. Sorted by relevance.	https://www.ebsco.com/products/research-databases/academic-search-premier
	CAB Abstracts published by CAB International, 1973 - present	48	21	13	0	0	9/28/17	TOPIC:(“scenario analy*” OR “scenario develop*” OR “scenario plan*” OR “scenario”) AND TOPIC: (“mountain*”) AND TOPIC: (“participat*” OR “collaborat*”) Limiters: Language: English. Sorted by relevance.	https://www.cabdirect.org via ovidsp.tx.ovid.com
	AGRICOLA Agricultural Research Database	8	1	1	1	1	9/28/17	TOPIC:(“scenario analy*” OR “scenario develop*” OR “scenario plan*” OR “scenario”) AND TOPIC: (“mountain*”) AND TOPIC: (“participat*” OR “collaborat*”) Limiters: Language: English. Sorted by relevance.	https://www.ebsco.com/products/research-databases/agricola
	Social Sciences Full Text (H. W. Wilson)	3	1	1	0	0	9/28/17	TOPIC:(“scenario analy*” OR “scenario develop*” OR “scenario plan*” OR “scenario”) AND TOPIC: (“mountain*”) AND TOPIC: (“participat*” OR “collaborat*”) Limiters: Language: English. Sorted by relevance.	https://www.ebsco.com/products/research-databases/social-sciences-full-text
Key journals	Mountain Research and Development	852	8	6	2	2	10/1/17	Hand searched	http://www.bioone.org/loi/mred
	Earth’s Future	69	12	0	0	0	10/2/17	Scenario AND mountain AND participatory (search terms searched separately)	https://agupubs.onlinelibrary.wiley.com/journal/23284277
	Environmental Modeling and Software	32	23	8	1	1	10/2/17	scenario* AND mountain* AND participatory, sorted by relevance	https://www.journals.elsevier.com/environmental-modelling-and-software
	Ecology and Society	37	29	15	1	1	10/15/17	“participatory scenario” [Select: search article topic; match all of these words]	https://www.ecologyandsociety.org
10		8	4	1	1	10/15/17	Special issue on Landscape Scenarios and Multifunctionality: Making Land Use Impact Assessment Operational		
Targeted searches	Mountain Sentinels Collaborative Network	21	15	15	10	10	4/22/17	Open call	Not applicable

Source	Database	Results	Included at title	Included at abstract	Included at full text	Included at critical appraisal	Date downloaded	Search terms	Link
Websites of specialist organizations and online databases	The Mountain Institute (TMI)	10	8	3	0	0	10/9/17	About us tab -> publications -> search in English under Glaciers, Himalayan Program and Andes Program	http://mountain.org/publications/
	Mountain Research Initiative (MRI)	15	14	0	0	0	10/9/17	resources tab -> publications	https://www.mountainresearchinitiative.org/resources-opportunities
	United Nations Environment Program (UNEP)	13	11	8	0	0	10/10/17	UNEP Knowledge Repository -> Publications Search -> scenario, mountain. Filter by English	http://www.unep.org/publications/
	Interdisciplinary Mountain Research	19	2	0	0	0	10/10/17	Search: scenario* OR participat*. All words, Articles. Searched articles within projects retrieved from search.	http://www.mountainresearch.at/index.php/en/projects
	International Centre for Integrated Mountain Development (ICIMOD)	14	9	3	0	0	9/28/17	"scenario analy*" OR "scenario develop*" OR "scenario plan*" OR "scenario" AND "mountain*" AND "participat*" OR "collaborat*"	https://lib.icimod.org
	Stockholm Resilience Centre	59	20	10	2	2	10/11/17	Mountain + socio-ecological + scenario	http://www.stockholmresilience.org/publications.html
	Social-Ecological Systems (SES) Library	14	11	2	0	0	10/11/17	Quick start: "scenario"	https://seslibrary.asu.edu/
	International Commission for the Protection of the Alps (CIPRA)	100	25	6	0	0	10/11/17	Hand searched first 100 articles	http://www.cipra.org/en/publications
	EURAC Research	48	15	8	2	2	10/11/17	Institute: All; Keyword: mountain, scenario	http://www.eurac.edu/en/research/Publications/Pages/default.aspx
	Ecosystem Services and Poverty Alleviation	280	21	6	0	0	10/23/17	Search: "scenario". Included only articles screened at Abstract stage.	http://www.espa.ac.uk/
	Valuing Arc	2	1	1	0	0	11/8/17	Hand searched	http://www.valuingthearc.org currently https://eprints.soton.ac.uk/372347/1/VtAspecialissue.pdf
The Mountain Partnership of the UNFAO	29	23	6	0	0	10/13/17	Publications tab -> Mountain Partnership Key Publications, Member publications	http://www.fao.org/mountain-partnership/publications/en/	
Natural Capital Project	18	11	5	1	0	11/8/17	Publication library -> Search: "scenario", "mountain", All Publications	https://naturalcapitalproject.stanford.edu/publications	
Mountain Sentinels	6	6	0	0	0	11/8/17	Publication library -> Search: "scenario", "mountain", All Publications	https://mountainsentinels.org/	
Online search	Google Scholar	200	133	45	10	9	9/27/17	Advanced search with results organized by relevance: scenario, mountain, participate*, social-ecological. Limiters: Exclude patents, exclude citations. Sorted by relevance. Searched first 200 results out of 4330.	https://scholar.google.com/
TOTAL		1989	479	198	44	42			