**APPENDIX I: Search string development and testing records; testing carried out in Scopus 2021.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Natural Resource Governance** | **Collaboration** | **Outcome** | **Study Type** | **Number of Hits** | **Notes** |
| natural resource governance |  |  |  | 411 |  |
| natural resource management |  |  |  | 16441 | Includes many citations that aren't related to environmental natural resources; e.g. computing, managing urban resources |
| collaborative conservation |  |  |  | 100 |  |
| community-based natural resource management |  |  |  | 595 |  |
| community conservation |  |  |  | 485 |  |
| collaborative governance |  |  |  | 1180 | General governance citations; not focused on natural resources |
| common-pool resource management |  |  |  | 182 |  |
| TITLE-ABS-KEY("natural resource governance" OR "natural resource management" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") |  |  |  | 17457 | Tested with "natural resource management" includes nonrelevant citations referenced above. |
| TITLE-ABS-KEY("natural resource governance" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") |  |  |  | 1732 |  |
| TITLE-ABS-KEY("natural resource governance" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") | Collaboration |  |  | 102 |  |
| TITLE-ABS-KEY("natural resource governance" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") | co-management |  |  | 69 |  |
| TITLE-ABS-KEY("natural resource governance" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") | adaptive co-management |  |  | 11 | Encompassed by “co-management” |
| TITLE-ABS-KEY("natural resource governance" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") | design principles |  |  | 41 |  |
| TITLE-ABS-KEY("natural resource governance" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") | resilience |  |  | 65 |  |
| TITLE-ABS-KEY("natural resource governance" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") | TITLE-ABS-KEY("collaboration" OR "co-management" OR "design principles" OR "resilience" OR "adaptive co-management") |  |  | 258 |  |
| TITLE-ABS-KEY("natural resource governance" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") | TITLE-ABS-KEY("collaboration" OR "co-management" OR "design principles" OR "resilience" OR "adaptive co-management") | social outcome |  | 1 |  |
| TITLE-ABS-KEY("natural resource governance" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") | TITLE-ABS-KEY("collaboration" OR "co-management" OR "design principles" OR "resilience" OR "adaptive co-management") | environmental outcome |  | 2 |  |
| TITLE-ABS-KEY("natural resource governance" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") | TITLE-ABS-KEY("collaboration" OR "co-management" OR "design principles" OR "resilience" OR "adaptive co-management") | trust |  | 17 |  |
| TITLE-ABS-KEY("natural resource governance" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") | TITLE-ABS-KEY("collaboration" OR "co-management" OR "design principles" OR "resilience" OR "adaptive co-management") | communication |  | 14 |  |
| TITLE-ABS-KEY("natural resource governance" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") | TITLE-ABS-KEY("collaboration" OR "co-management" OR "design principles" OR "resilience" OR "adaptive co-management") | flexible |  | 6 |  |
| TITLE-ABS-KEY("natural resource governance" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") | TITLE-ABS-KEY("collaboration" OR "co-management" OR "design principles" OR "resilience" OR "adaptive co-management") | rules |  | 31 |  |
| TITLE-ABS-KEY("natural resource governance" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") | TITLE-ABS-KEY("collaboration" OR "co-management" OR "design principles" OR "resilience" OR "adaptive co-management") | monitoring |  | 28 |  |
| TITLE-ABS-KEY("natural resource governance" OR "natural resource management" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") | TITLE-ABS-KEY("collaboration" OR "co-management" OR "design principles" OR "resilience") | TITLE-ABS-KEY("social outcome" OR "environmental outcome" OR "trust" OR "communication" OR "flexible" OR "rules" OR "monitoring") |  | 410 |  |
| TITLE-ABS-KEY("natural resource governance" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") | TITLE-ABS-KEY("collaboration" OR "co-management" OR "design principles" OR "resilience") | TITLE-ABS-KEY("social outcome" OR "environmental outcome" OR "trust" OR "communication" OR "flexible" OR "rules" OR "monitoring") |  | 82 |  |
| TITLE-ABS-KEY("natural resource governance" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") | TITLE-ABS-KEY("collaboration" OR "co-management" OR "design principles" OR "resilience") | TITLE-ABS-KEY("social outcome" OR "environmental outcome" OR "trust" OR "communication" OR "flexible" OR "rules" OR "monitoring") | meta-analysis | 2 |  |
| TITLE-ABS-KEY("natural resource governance" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") | TITLE-ABS-KEY("collaboration" OR "co-management" OR "design principles" OR "resilience") | TITLE-ABS-KEY("social outcome" OR "environmental outcome" OR "trust" OR "communication" OR "flexible" OR "rules" OR "monitoring") | meta-study | 0 |  |
| TITLE-ABS-KEY("natural resource governance" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") | TITLE-ABS-KEY("collaboration" OR "co-management" OR "design principles" OR "resilience") | TITLE-ABS-KEY("social outcome" OR "environmental outcome" OR "trust" OR "communication" OR "flexible" OR "rules" OR "monitoring") | comparative case study | 3 |  |
| TITLE-ABS-KEY("natural resource governance" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") | TITLE-ABS-KEY("collaboration" OR "co-management" OR "design principles" OR "resilience") | TITLE-ABS-KEY("social outcome" OR "environmental outcome" OR "trust" OR "communication" OR "flexible" OR "rules" OR "monitoring") | case study comparison | 0 |  |
| TITLE-ABS-KEY("natural resource governance" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") | TITLE-ABS-KEY("collaboration" OR "co-management" OR "design principles" OR "resilience") |  | large N | 0 |  |
| TITLE-ABS-KEY("natural resource governance" OR "natural resource management" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management") | TITLE-ABS-KEY("collaboration" OR "co-management" OR "design principles" OR "resilience") | TITLE-ABS-KEY("social outcome" OR "environmental outcome" OR "trust" OR "communication" OR "flexible" OR "rules" OR "monitoring") | TITLE-ABS-KEY("meta-analysis" OR "comparative case study") | 5 |  |
| TITLE-ABS-KEY ( "natural resource governance" OR "natural resource management" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management" ) |  |  | AND TITLE-ABS-KEY ( "meta-analysis" OR "comparative case study" ) | 49 |  |
| **TITLE-ABS-KEY("natural resource governance" OR "collaborative conservation" OR "community-based natural resource management" OR "community conservation" OR "common-pool resource management")** | **TITLE-ABS-KEY("collaboration" OR "co-management" OR "design principles" OR "resilience" OR "adaptive co-management")** |  |  | **258** |  |