# R1: Select papers in academic literature

TODO: rerun searches and note individual search terms!!!!!!

## Search criteria:

* Abstracts, title, keywords
* Abstracts in English
* Only full papers (exclude conference proceedings, books and book chapters, editorials)

## Databases

I will use Scopus and Web Of Science, as they sometimes differ significantly in the articles found.

## Search terms general:

[About Transformative change] Transformative change synonyms  
  
AND   
  
[nature synonyms](use dictionary suggested by Aidin)  
  
AND   
  
(options/policy instruments)

("transformative change" OR "deliberate transformation\*" OR "transformative turn\*" OR "transition\*” OR "social-ecological change\*” OR "deep change” OR "fundamental alteration” OR "profound change” OR "profound transformation” OR "radical transformation” OR "transformational change” OR "complete change" OR "complete transformation” OR "drastic change” OR "in-depth transformation” OR "progressive change” OR "radical alteration” OR "radical change” OR "revolutionary change” OR "significant modification” OR "total transformation” OR "transformational shift” OR "radical shift”)  
  
AND  
  
("sustainab\*" OR "environ\*" OR "resilien\*" OR "conserv\*" OR "biodivers\*" OR "ecosystem\*” OR "nature\*”)  
  
AND   
  
("act\*" OR "option\*" OR "polic\*" OR "policies” OR "measure\*" OR "agenda\*" OR "gov\*" OR "right" OR "val\*" OR "power" OR "business approach\*” OR "legal instrument\*” OR "regulatory instrument\*” OR "regulat\*” OR "enforcement\*” OR "standard\*” OR "governance framework\*” OR "method\*” OR "decision-making\*” OR "plan\*” OR "strateg\*” OR "evaluation\*” OR "assessment\*” OR "programm\*” OR "connect\*” OR "offset\*” OR "permit\*” OR "ban\*” OR "restrict\*” OR "control\*” OR "education system\*” OR ”education” OR "awareness\*” OR "learning\*” OR "knowledge system\*” OR "conservation approach\*” OR "restoration approach\*” OR "monitoring” OR "inventor\*” OR "coordination\*” OR "civic action\*” OR "collective action\*”or "political action\*” OR "community action\*” OR "capacity building\*” OR "pathway\*” OR "scenario\*” OR "model\*” OR "solution\*” OR "innovation\*” OR "incentive\*” OR "subsid\*” OR "tax\*” OR "payment\*” OR "debt\*” OR "aid\*” OR "fiscal transfer\*” OR "investment\*” OR "financ\*” OR "product\*” OR "market\*” OR "account\*” OR "register\*” OR "funding\*” OR "consump\*” OR "chain\*” OR "certification\*” OR "participatory process\*” OR "deliberate process\*” OR "pluralism” OR "agreement\*” OR "cooperation” OR "demand\*” OR "policy context\*” OR "scheme\*” OR "protect\*” OR "conserv\*”or "cultural arrangement\*” OR "practice\*” OR "technique\*” OR "infrastructure\*” OR "access” OR "trade-off\*” OR "NBSAP\*” OR "legislative control” OR "legal restriction” OR "derivative trading” OR "commodity futures” OR "social responsibility” OR "marine areas” OR "multilateral agreements” or”transparency” OR "litigation” OR "labelling” OR "OEAM” OR "co-management” OR "co-production" OR "co-creation" OR "recognition" OR "system\*" OR "access rights" OR "legislative arrangements" OR "treaties" OR "rules" OR "culturally specific" OR "place-based" OR " mechanism" OR "method" OR "index" OR "indicators" OR "approach\*" OR "perspective\*" OR "valu\*")

## Search results

Expected output: a list of papers that relate broadly to transformative change AND nature AND options

### [Web of Science - 332,188 hits](https://www.webofscience.com/wos/alldb/summary/4784bd05-3f89-4ab3-b50b-3a94ec2bd264-95fca6fe/relevance/1)

### [Scopus - 271,521 hits](https://www.scopus.com/)

#### Scopus search term

TITLE-ABS-KEY (   
 ( "transformative change" OR "deliberate transformation\*" OR "transformative turn\*" OR "transition\*" OR "social-ecological change\*" OR "deep change" OR "fundamental alteration" OR "profound change" OR "profound transformation" OR "radical transformation" OR "transformational change" OR "complete change" OR "complete transformation" OR "drastic change" OR "in-depth transformation" OR "progressive change" OR "radical alteration" OR "radical change" OR "revolutionary change" OR "significant modification" OR "total transformation" OR "transformational shift" OR "radical shift" )   
 AND   
 ( "sustainab\*" OR "environ\*" OR "resilien\*" OR "conserv\*" OR "biodivers\*" OR "ecosystem\*" OR "nature\*" )   
 AND   
 ( "act\*" OR "option\*" OR "polic\*" OR "policies" OR "measure\*" OR "agenda\*" OR "gov\*" OR "right" OR "val\*" OR "power" OR "business approach\*" OR "legal instrument\*" OR "regulatory instrument\*" OR "regulat\*" OR "enforcement\*" OR "standard\*" OR "governance framework\*" OR "method\*" OR "decision-making\*" OR "plan\*" OR "strateg\*" OR "evaluation\*" OR "assessment\*" OR "programm\*" OR "connect\*" OR "offset\*" OR "permit\*" OR "ban\*" OR "restrict\*" OR "control\*" OR "education system\*" OR "education" OR "awareness\*" OR "learning\*" OR "knowledge system\*" OR "conservation approach\*" OR "restoration approach\*" OR "monitoring" OR "inventor\*" OR "coordination\*" OR "civic action\*" OR "collective action\*" OR "political action\*" OR "community action\*" OR "capacity building\*" OR "pathway\*" OR "scenario\*" OR "model\*" OR "solution\*" OR "innovation\*" OR "incentive\*" OR "subsid\*" OR "tax\*" OR "payment\*" OR "debt\*" OR "aid\*" OR "fiscal transfer\*" OR "investment\*" OR "financ\*" OR "product\*" OR "market\*" OR "account\*" OR "register\*" OR "funding\*" OR "consump\*" OR "chain\*" OR "certification\*" OR "participatory process\*" OR "deliberate process\*" OR "pluralism" OR "agreement\*" OR "cooperation" OR "demand\*" OR "policy context\*" OR "scheme\*" OR "protect\*" OR "conserv\*" OR "cultural arrangement\*" OR "practice\*" OR "technique\*" OR "infrastructure\*" OR "access" OR "trade-off\*" OR "NBSAP\*" OR "legislative control" OR "legal restriction" OR "derivative trading" OR "commodity futures" OR "social responsibility" OR "marine areas" OR "multilateral agreements" OR "transparency" OR "litigation" OR "labelling" OR "OEAM" OR "co-management" OR "co-production" OR "co-creation" OR "recognition" OR "system\*" OR "access rights" OR "legislative arrangements" OR "treaties" OR "rules" OR "culturally specific" OR "place-based" OR " mechanism" OR "method" OR "index" OR "indicators" OR "approach\*" OR "perspective\*" OR "valu\*" )   
)   
AND   
( LIMIT-TO ( DOCTYPE , "ar" ) OR LIMIT-TO ( DOCTYPE , "re" ) )

# R2: Screen for papers with concrete examples (e.g., case-studies, “implementation”, “example\*”)

## Search Criteria

Sub-sample of R1 corpus, search in abstracts, title, keywords

## Additional search terms

The search will be re-run, adding the additional search terms as an AND condition.

("case stud\*” or "case” or "study area\*” or "example\*” or "evaluation” or "solutions” or "implementation”or "concrete” or "empirical”, or "practical”)

## Corpus A: academic articles with specific examples

### [Web of Science - 87,642 of previously 332,079 hits](https://www.webofscience.com/wos/alldb/summary/fa21ebb9-347c-4fca-a0cf-e07fb55b0a43-95fce149/relevance/1)

### [Scopus - 85,624 of previously 271,521 hits](https://www.scopus.com/)

#### Search term

TITLE-ABS-KEY (   
 (  
 ( "transformative change" OR "deliberate transformation\*" OR "transformative turn\*" OR "transition\*" OR "social-ecological change\*" OR "deep change" OR "fundamental alteration" OR "profound change" OR "profound transformation" OR "radical transformation" OR "transformational change" OR "complete change" OR "complete transformation" OR "drastic change" OR "in-depth transformation" OR "progressive change" OR "radical alteration" OR "radical change" OR "revolutionary change" OR "significant modification" OR "total transformation" OR "transformational shift" OR "radical shift" )   
 AND   
 ( "sustainab\*" OR "environ\*" OR "resilien\*" OR "conserv\*" OR "biodivers\*" OR "ecosystem\*" OR "nature\*" )   
 AND   
 ( "act\*" OR "option\*" OR "polic\*" OR "policies" OR "measure\*" OR "agenda\*" OR "gov\*" OR "right" OR "val\*" OR "power" OR "business approach\*" OR "legal instrument\*" OR "regulatory instrument\*" OR "regulat\*" OR "enforcement\*" OR "standard\*" OR "governance framework\*" OR "method\*" OR "decision-making\*" OR "plan\*" OR "strateg\*" OR "evaluation\*" OR "assessment\*" OR "programm\*" OR "connect\*" OR "offset\*" OR "permit\*" OR "ban\*" OR "restrict\*" OR "control\*" OR "education system\*" OR "education" OR "awareness\*" OR "learning\*" OR "knowledge system\*" OR "conservation approach\*" OR "restoration approach\*" OR "monitoring" OR "inventor\*" OR "coordination\*" OR "civic action\*" OR "collective action\*" OR "political action\*" OR "community action\*" OR "capacity building\*" OR "pathway\*" OR "scenario\*" OR "model\*" OR "solution\*" OR "innovation\*" OR "incentive\*" OR "subsid\*" OR "tax\*" OR "payment\*" OR "debt\*" OR "aid\*" OR "fiscal transfer\*" OR "investment\*" OR "financ\*" OR "product\*" OR "market\*" OR "account\*" OR "register\*" OR "funding\*" OR "consump\*" OR "chain\*" OR "certification\*" OR "participatory process\*" OR "deliberate process\*" OR "pluralism" OR "agreement\*" OR "cooperation" OR "demand\*" OR "policy context\*" OR "scheme\*" OR "protect\*" OR "conserv\*" OR "cultural arrangement\*" OR "practice\*" OR "technique\*" OR "infrastructure\*" OR "access" OR "trade-off\*" OR "NBSAP\*" OR "legislative control" OR "legal restriction" OR "derivative trading" OR "commodity futures" OR "social responsibility" OR "marine areas" OR "multilateral agreements" OR "transparency" OR "litigation" OR "labelling" OR "OEAM" OR "co-management" OR "co-production" OR "co-creation" OR "recognition" OR "system\*" OR "access rights" OR "legislative arrangements" OR "treaties" OR "rules" OR "culturally specific" OR "place-based" OR " mechanism" OR "method" OR "index" OR "indicators" OR "approach\*" OR "perspective\*" OR "valu\*" )   
 )  
 AND  
 (  
 ( "case stud\*" OR "case" OR "study area\*" OR "example\*" OR "evaluation" OR "solutions" OR "implementation" OR "concrete" OR "empirical" OR "practical" )   
 )  
  
)   
AND   
( LIMIT-TO ( DOCTYPE , "ar" ) OR LIMIT-TO ( DOCTYPE , "re" ) )

# Corpus B: academic articles not in Corpus A

These do relate to transformative change, nature and options but do not provide information from a specific case (e.g., general recommendations, overviews).

The corpus is the corpus from R1 excluding the corpus from R2