**Work document for information search:**

|  |
| --- |
| **Research question:**  Climate change has dramatic effects on agricultural production systems, particularly on the impacts of temperature increase and drought on the maize production in the United States. |

**Search terms or phrases(in all relevant languages) *-*** *brainstorm all the relevant search terms you can think of*

|  |  |  |
| --- | --- | --- |
| Facet | Terms in English | Terms in other languages |
| Climate change | Temperature increase  Weather development |  |
| Effects | Economic effects  Drought  Decrease in production  Climatic change  Global warming |  |
| Agricultural system | Farming systems  Crop production  Crop yield |  |
| USA | Unites States |  |

**Division of the facets into blocks***– remember to include related terms and synonyms*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Block 1 |  | Block 2 |  | Block 3 |
| “climate change”  OR  “temperature increase”  OR  “weather development”  … | AND | “economic effects”  OR  drought  OR  “decrease in production”  … | AND | (“agricultural system”  OR  “farming system”  OR  “crop production”  … |

**Limit your search–** *using categories like the ones below will be useful for limiting your search and will help you define selection and rejection criteria*

|  |  |
| --- | --- |
| **Time frame /language**  2010-2019 / English | **Geography:**  USA |

|  |
| --- |
| **Academic level**  Primary scientific literature, peer-reviewed, book chapters/ journal articles/conference proceedings. |

**Log book:**

Defining the literature and materials to be used in your paper

Criteria of inclusion:

- Geographic location limited to the United States

- Looking into peer-reviewed primary scientific literature, review articles, book chapters/ journal articles/conference proceedings.

Criteria of exclusion:

- Study was published more than 10 years ago

- Study was published in a language other than English

- Editorials and letters to the editor

**Search history** - overview of the databases and search terms that have been used and of the different search results

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Date | Database | Search strategy | Search terms  (combination of search terms, use of phrase search, keyword search etc.) | Notes | Number of hits | Items selected |
| 07.10.2020 | Web of Science | Building blocks search | (“climate change\*” OR “temperature increase\*” OR “weather development” OR “global warming” OR “climatic factor\*” OR “carbon dioxid\*” OR “atmospheric co2”) AND (“economic effects” OR drought OR “decrease in production”) AND (“agricultur\* system\*” OR “farming system\*” OR “crop product\*”) AND (USA OR “united states”) AND (corn OR maise OR maize) | Too many results. Change block 1. |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

You can add this overview to your paper as an appendix

**Motivation for your choice of documents** (your notes for the methods and materials section of your paper)