**Annual public report 2024, Cour des comptes, France**

**Chapter « The place and role of public research in adapting to climate change »**

**Presentation of the Cour des comptes and overview of methods and links to open data  
(English version for international readers)**

**Presentation of Cour des comptes (France): who we are and what we do?**

Established in 1807, the *Cour des comptes* (also referred to as “Court of accounts” or Court) is the supreme audit institution (SAI) for France overseeing the use of public funds at the national level. It is independent from the Government and Parliament. It has financial jurisdiction and is in charge of auditing, issuing rulings and certifying the State and Social Security accounts, as well as contributing to the evaluation of public policies. The Cour des Comptes, whose role is described in article 47-2 of the French Constitution, contributes to citizen information through its public reports.

The Cour is independent of public authorities. Within the framework provided by French law, it freely defines its work program, possesses control powers both documentarily and on-site, freely adopts its conclusions, and enjoys editorial freedom. Engaging in public debate through its publications, it aims to be useful to decision-makers and citizens alike and actively contributes to improving public management and its outcomes.

**Opportunities related to developed methods and shared open data**

In order to stimulate new uses in a perspective of general interest, the source code elements associated with the most important methods and the main associated datasets are provided in a digitally exploitable format (see summaries and links below).

This approach is part of the Court’s international cooperation policy with the supreme audit institutions (SAI) of other countries as well as its scientific cooperation policy with major French research operators.

It is thus possible to adapt the method presented here for other countries and groups of countries. Beyond direct applications, other potential applications include, for example, extending the analyses to the upcoming works of the 7th IPCC assessment report or to the publications of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) on biodiversity-related challenges.

**Disclaimer**

The elements provided do not necessarily reflect the positions of third parties such as the Intergovernmental Panel on Climate Change (IPCC).

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**Composition of the open electronic archive accessible on the Cour's website   
link to the archive on the Cour's website** [**HERE**](https://www.ccomptes.fr/sites/default/files/2024-03/20240312-donnees-RPA-2024-chapitre-Place-et-role-de-la-recherche.zip)**:**

* **Guide "Cahier\_MethodesEtDonnees\_Recherche\_Adaptation\_RPA\_2024.docx"**: this methodological guide presents the detailed methods and data used in the chapter of the Cour des Comptes' 2024 annual public report regarding the place and role of public research in adapting to climate change. The detailed results underlying the observations formulated succinctly in the chapter are also presented. These results serve as examples of applications of the methods developed here.
* **Folder "elements\_from\_IPCC\_reports**": this folder enables the reproduction of the chapter's observations based on the analysis method of citations from the Intergovernmental Panel on Climate Change (IPCC) works in its 6th Assessment Report (AR6) and associated metadata on harmonized bases, as well as on the semantic approach derived from the IPCC glossaries and corpus. The files associated with this folder are provided in a digitally exploitable format under a "CC-BY-NC 4.0 " license to stimulate new uses for general interest. Note that only non-commercial uses are authorized by the CC-BY-NC 4.0 license[[1]](#footnote-1), and these elements are subject to the disclaimer mentioned above. Contents of the folder are as below:
  + File "ipcc\_ar6\_reports\_doi\_citations.csv" containing harmonized citations of type "DOI" from the three main reports of the three groups of the IPCC’s 6th assessment report (the harmonization method is detailed in the methodological guide);
  + File "ipcc\_ar6\_reports\_keywords\_in\_titles.csv" which gathers keywords extracted from the glossaries of the three main AR 6 IPCC reports and hierarchized with citation metadata (see the guide for more details).
* **Folder "mots\_cles\_adaptation\_analyses\_semantiques"**: this folder includes all the elements necessary to reproduce the semantic analyses implemented in the report. The source code elements and associated keywords are provided in a digitally exploitable format under the "GNU General Public License v3.0"[[2]](#footnote-2) to stimulate new uses for general interest. Potential applications include, for example, scientometric analyses to track a country’s influence (here applied to France) or the monitoring of funding associated with research for adaptation and research on adaptation. Contents of the folder are as below:
  + Script that can be executed with the free software R called "Script\_AnalysesSemantiques\_Recherche\_Adaptation\_RPA\_2024\_v20240304.R" and that allows the production of semantic filters based on keywords;
  + Sub-folder "OpenData" which includes a copy of open data from the French National Research Agency (ANR) at the time the analysis was conducted by the Cour des comptes and serves as an example for the use of semantic filters.

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2. Copyright notice: these files are derived from the investigation on the place and role of public research in adapting to climate change conducted by the Cour des Comptes (2024) following the methodology and sources presented in the methodological guide. These elements are provided under a "GNU General Public License v3.0" license (see <https://www.gnu.org/licenses/gpl-3.0.txt>, as well as the full and identical copy of this license provided in the present open electronic archive). The open data from the ANR used as an application case for this script are provided by the Agency at this address: <https://www.data.gouv.fr/fr/organizations/agence-nationale-de-la-recherche/#/datasets> Simple examples of keywords derived from the theme of the Court's 2024 annual public report on adaptation to climate change are presented here to illustrate the approach. Other keywords can be easily added by users. Different sources can be mobilized to enrich semantic searches. See, for example: keywords extracted from the glossaries of the three main reports of AR 6 of the IPCC (see file proposed on the Court's website reserved for non-commercial use); the study by Nalau and Verall (2021) "Mapping the evolution and current trends in climate change adaptation science," Climate Risk Management, <https://doi.org/10.1016/j.crm.2021.100290>. [↑](#footnote-ref-2)