

KYSELYLOMAKE: FSD4078 TUTKIMUSETIIKAN BAROMETRI 2023

QUESTIONNAIRE: FSD4078 RESEARCH INTEGRITY BAROMETER 2023

TÄMÄ KYSELYLOMAKE ON OSA YLLÄ MAINITTUA YHTEISKUNTATIEEELLISEEN TIETOARKISTOON ARKISTOITUA TUTKIMUSAINESTOA.

KYSELYLOMAKETTA HYÖDYNTÄVIEN TULEE VIITATA SIIHEN ASIANMUKAISESTI LÄHDEVIIITTEELLÄ.

THIS QUESTIONNAIRE FORMS A PART OF THE ABOVE MENTIONED DATASET, ARCHIVED AT THE FINNISH SOCIAL SCIENCE DATA ARCHIVE.

IF THE QUESTIONNAIRE IS USED OR REFERRED TO IN ANY WAY, THE SOURCE MUST BE ACKNOWLEDGED BY MEANS OF AN APPROPRIATE BIBLIOGRAPHIC CITATION.

DETTA FRÅGEFORMULÄR UTGÖR EN DEL AV DEN OVANNÄMDA DATAMÄNGDEN, ARKIVERAD PÅ FINLANDS SAMHÄLLSVETENSKAPLIGA DATAARKIV.

OM FRÅGEFORMULÄRET ÄR UTNYTTJAT ELLER REFERERAT TILL MÅSTE KÄLLAN ANGES I FORM AV BIBLIOGRAFISK REFERENS.

Cover letter

Research Integrity Barometer 2023

With this survey, the Finnish National Board on Research Integrity TENK collects information of responsible conduct of research in the Finnish research community between 2019 and 2022. TENK uses the results to develop and promote responsible conduct of research in Finland. The first [Research Integrity Barometer](#) was published in 2019.

The Research Integrity Barometer 2023 charts the following topics:

- Sources of information on research integrity
- Knowledge and learning of research integrity and responsible conduct of research
- Observations of suspected research misconduct
- Taking action when research misconduct is suspected
- Perceived impacts of the COVID-19 pandemic on responsible conduct of research

This questionnaire has been sent to universities, universities of applied sciences and other research organisations in Finland. We hope for responses from research and teaching staff, research administration and other personnel in research support services.

[Link to the questionnaire](#)

Participation in the survey is voluntary and anonymous, and completing the questionnaire takes about 20 minutes. Personal data is not collected. The data controller is TENK.

The questionnaire is open until 14 April 2023.

TENK will publish a report on the results in 2023. For more information, contact project coordinator Anni Sairio [contact information removed].

Thank you for completing our survey!

Helsinki, 13 March 2023

Riitta Keiski

Chair, the Finnish National Board on Research Integrity TENK

Sanna-Kaisa Spoo

Secretary General, the Finnish National Board on Research Integrity TENK

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Research Integrity Barometer 2023 charts the following topics:

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Participation in the survey is voluntary and anonymous. Personal data is not collected. Completing the questionnaire takes about 20 minutes.

The data controller of the questionnaire data is TENK, and third parties will not be given access to the data. The data will be stored in the secure server of the Federation of Finnish Learned Societies, and only TENK's secretariat has access to it. With the exception of the open responses, the data will be archived in the Finnish Social Science Data Archive in 2024, after which it will be removed from the server of the Federation of Finnish Learned Societies.

TENK will publish a report on the results in the autumn of 2023, and findings will be presented also in training events, other events and publications.

For more information, contact project coordinator Anni Sairio [contact information removed].

Thank you for completing our survey!

6. Background information of the respondent [pakollinen osio]

16. Research experience in years:

	Less than 10 years
	10-20 years
	More than 21 years

17. Highest degree

	Doctoral degree
	Licentiate degree
	Master's degree or equivalent
	Bachelor's degree or equivalent
	Matriculation examination

	Other (Please specify) _____
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19. What field of research does your highest degree represent? You can check your field from the following list: <https://www2.stat.fi/en/luokitukset/tieteenala/>

	Natural sciences
	Engineering and technology
	Medical and health sciences
	Agricultural sciences
	Social sciences
	Humanities
	Arts
	Other (Please specify)

20. Where did you complete your highest degree?

	In Finland
	In another country

21. Your employer organisation or other background organisation:

	University
	University of applied sciences
	State research institute
	Other research organisation
	Science policy or research funding organisation
	Other (Please specify)

21. Your main work task:

	Research
	Teaching
	Administration
	Other (Please specify)

22. Which research field do you represent in your current work and/or research? You can check your own field from the following list: <https://www2.stat.fi/en/luokitukset/tieteenala/>

	Natural sciences
	Engineering and technology
	Medical and health sciences
	Agricultural sciences
	Social sciences
	Humanities
	Arts
	Other (Please specify)
	Not applicable

1. Sources of information on responsible conduct of research

In this section, we ask about your familiarity with research integrity guidelines and the Finnish system of research integrity advisers. We would also like to know about your sources of information on responsible conduct of research. You can read the definition of terms here: <https://tenk.fi/en/research-misconduct/responsible-conduct-research-rcr>

1. The following guidelines and recommendations on research integrity apply to all research disciplines. How familiar are you with them?

	Not familiar	Know by name	Somewhat familiar	Reasonably familiar	Very familiar	Cannot say
Responsible conduct of research and procedures for handling allegations of misconduct in Finland (the RCR guidelines, 2012)						
Agreeing on authorship						
Template for researcher's curriculum vitae						
The European Code of Conduct for Research Integrity						

2. 75 Finnish research organisations currently have research integrity advisers. Research integrity advisers are trained by TENK, and they offer advice in responsible conduct of research. How familiar are you with this system in your own organisation?

Not familiar	Somewhat familiar	Quite familiar	Very familiar	Cannot say	There is no research integrity adviser in my organisation

3. How much information have you obtained about responsible conduct of research from the following sources in the past four years?

	No information	Some information	Quite a lot	A lot	Cannot say	Not applicable
Activities in my organisation (e.g. training, events, website)						
My organisation's research integrity adviser						
Members of my working environment						

Research funders and information provided in funding application rounds						
Scientific publishers and publications						
Trade unions in the field of science and research						
Scientific or learned societies						
TENK's events or website						
Media and other public discussions						
Other (Please specify)	Open field					

2. Knowledge of responsible conduct of research

In this section, we ask about training activities and opportunities and your familiarity with responsible conduct of research. You can also tell about good practices that organisations have adopted to foster responsible conduct of research.

4. Does your organisation offer training in research integrity and research ethics?

No	Yes, but not enough	Yes, more or less sufficiently	Yes, sufficiently	Cannot say	Not applicable

5. How many times have you participated in research integrity or research ethics training in the past four years?

	Never
	Once or twice
	Three times or more

6. How would you evaluate your familiarity with responsible conduct of research with regard to your research and/or current work?

Insufficient	Somewhat insufficient	Meets the requirements sufficiently	Fully meets the requirements	Cannot say	Not part of my job description

7. Which topics of responsible conduct of research and research integrity would you like to learn more about?

	I do not need additional learning
	I would like to learn more about the following: Open field

8. If you know of good practices that have been adopted to foster responsible conduct of research in your own organisation or another organisation, you can tell about them here.
Open field

3. Activities that violate responsible conduct of research

Reliability, honesty, respect and accountability are the basic principles of responsible conduct of research. These principles form part of the quality control in the research community. In this section, we ask whether you have observed possible violations of responsible conduct of research and what you consider as threats toward research integrity.

Violations of responsible conduct of research violate the basic principles of research integrity. In the RCR guidelines, these activities are divided into two categories: 1) research misconduct and 2) disregard for responsible conduct of research. The following questions address suspicions of such activities. Academic misconduct is outside the scope of the RCR guidelines, so we ask that you respond only with regard to scientific and research activities.

16a. How often have you suspected the following types of research misconduct in your working environment in the past four years? You can read more detailed definitions here: <https://tenk.fi/en/research-misconduct/rcr-violations>

	0 times	Once or twice	Three times or more	Not applicable
<i>Plagiarism:</i> Presenting or using someone else's work or parts of it as one's own without reference to original source or author				
<i>Fabrication:</i> Reporting invented observations to the research community				
<i>Falsification of observations:</i> Deliberately changing or presenting observations so that the results based on them are distorted				
<i>Falsification of results:</i> Changing, cherry-picking or leaving out essential research results or data				

16b. How often have you suspected the following types of disregard for responsible conduct of research in your working environment in the past four years? (The response options do not form a comprehensive list.)

	0 times	Once or twice	Three times or more	Not applicable
Failure to obtain a research permit or to conduct ethical review before the research; acting in violation of permit or ethical review				
Disregard concerning the use, documentation, or storage of research data or results				
Inappropriately delaying or hampering the work of other researchers				
Unjustified omission of an author's name from a list of authors				
Unjustified denigration of other researchers' work or unjustified neglect to refer to them				
Including a researcher's name in a list of authors without justification				
Publishing the same results more than once as if they were new findings (self-plagiarism)				
Exaggerating one's scientific achievements in a CV or list of publications				
Using one's academic status for unwarranted benefit in scientific activities				
Unfounded and malicious reporting of violations of responsible conduct of research				
Interfering with the process of investigating suspected violations of responsible conduct of research or harassing the parties involved in the process				
Other (Please specify)	Open field			

10. In your opinion, what seem to be the main threats to responsible conduct of research in Finland? Please do not give information that can be used to identify individuals, organisations or events.

Open field

4. Reporting suspected violations of responsible conduct of research

11. If you suspected a violation of responsible conduct of research in the Finnish research community, would you know what to do to ensure that the issue was handled correctly?

No	I have some idea	I have a fairly good idea	I know exactly what to do	Cannot say
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12. Have you suspected and reported a violation of responsible conduct of research in the past four years?

<input type="checkbox"/>	I have not suspected a violation of responsible conduct of research.
<input type="checkbox"/>	I have suspected and reported a violation of responsible conduct of research.
<input type="checkbox"/>	I have suspected a violation of responsible conduct of research, but I have not reported it.

13. To what extent would the following prevent you from reporting a suspected violation of responsible conduct of research?

	Not at all	Not much	Quite a lot	Very much	Cannot say
Loyalty towards a colleague or member of the working community					
Reporting the suspicion under your own name					
Fear of consequences for you					
Belief that the investigation process is arduous or takes a long time					
Suspicion that the investigation process would not be impartial or fair or serve any purpose					
Other (Please specify)					

5. Impact of crises on responsible conduct of research

In this section, we ask your opinion of the impact of the COVID-19 pandemic on responsible conduct of research.

14. In your opinion, how has the COVID-19 pandemic impacted responsible conduct of research in your working environment?

No impact	Negative impact	Positive impact	Cannot say

15. If you think that the COVID-19 pandemic has had an impact on responsible conduct of research, you can specify your response here. Please do not provide information that can be used to identify individuals, organisations or events.

Open field

Thank you!

Read more about responsible conduct of research in Finland:

<https://tenk.fi/en/research-misconduct/responsible-conduct-research-rcr>

How allegations of research misconduct are investigated in Finland: <https://tenk.fi/en/research-misconduct/investigation-allegations>

Defining responsible conduct of research: <https://tenk.fi/en/research-misconduct/finnish-model-self-regulation>

Read more about responsible research: <https://www.vastuullinentiede.fi/en>