

KYSELYLOMAKE: FSD4077 TUTKIMUSETIIKAN BAROMETRI 2018

QUESTIONNAIRE: FSD4077 RESEARCH INTEGRITY BAROMETER 2018

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TÄMÄ KYSELYLOMAKE ON OSA YLLÄ MAINITTUA YHTEISKUNTATIEEELLISEEN TIETOARKISTOON ARKISTOITUA TUTKIMUSAINESTOA.

KYSELYLOMAKETTA HYÖDYNTÄVIEN TULEE VIITATA SIIHEN ASIANMUKAISESTI LÄHDEVIIITTEELLÄ.

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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.

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*Cover letter*

## Research Integrity Barometer

Dear recipient,

Public trust in research and researchers is very high in Finland. At the same time, the research community is faced by new societal demands. What kinds of challenges do researchers in Finland encounter with regard to conducting responsible research?

The first Research Integrity Barometer charts experiences of research misconduct, the scope and effectivity of research-ethical guidelines and training, and values and ethics in the Finnish research community. The survey is aimed at research and teaching staff at universities, universities of applied sciences and other research institutions in Finland.

The survey is carried out by the Finnish National Board on Research Integrity TENK and the University of Vaasa. Professor Emeritus Ari Salminen and University Teacher Lotta Pitkänen at the University of Vaasa will produce a report of the results. The survey is part of the Responsible Research project (Vastuullinen tiede), which is funded by the Ministry of Education and Culture.

Every response is important to ensure that the results are as reliable as possible. The details of individual respondents will not be identifiable. The survey does not ask for or report information that could be used to identify an individual or an organisation. The responses will be handled anonymously. The material will be archived in the Finnish Social Science Data Archive. TENK will publish the results of the barometer in the spring of 2019.

Answering the survey takes approximately 15 minutes. **The survey is open until 30 January 2019.**

Further information: Anni Sairio, Senior Coordinator of the Responsible Research project [contact information removed].

Link to the survey: <https://eforms.uwasa.fi/lomakkeet/5270/lomake.html?rinnakkaislomake=English>

Helsinki, 9 January 2019

Krista Varantola  
Chair, TENK

Ari Salminen,  
Principal Investigator, University of Vaasa

# Research Integrity Barometer 2018

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The Research Integrity Barometer 2018 charts the current situation of ethical research and research misconduct in Finland. The focus of this survey is on research that is carried out at Finnish universities, universities of applied sciences, and other Finnish research institutions.

The survey investigates values and ethics of the research community, the scope of training and familiarity with research integrity guidelines, and experiences of research misconduct and questionable research practices in Finland.

Please note: This survey does not investigate research misconduct by students in the undergraduate level.

## I. Research integrity guidelines and training

1. Is your organisation committed to following the guidelines of responsible conduct of research by the Finnish National Board on Research Integrity TENK?
  - Yes
  - No
  - I don't know
  
2. Are you familiar with the following guidelines on responsible conduct of research in Finland? Mark the guidelines you know.
  - Responsible conduct of research and procedures for handling allegations of misconduct in Finland
  - Agreeing on authorship. Recommendation for research publications
  - Supervision of doctoral dissertations and their review process in Finland with a special emphasis on research integrity
  - Template for researchers' curriculum vitae
  - European Code of Conduct for Research Integrity
  
3. How well do you know the work of the research integrity advisers in your organisation?
  - Very well
  - A little
  - I am not familiar with it
  
4. Have you ever participated in research integrity training?
  - Yes, many times
  - Yes, a few times
  - Yes, once
  - Never
  - Training has not been available

## II. Violations of responsible conduct of research

Violations of the responsible conduct of research (RCR violations) refer to unethical and dishonest practices that damage research and, in worst cases, invalidate the findings. Research misconduct takes the form of plagiarism, misappropriation, fabrication or falsification. In Finland, RCR violations also include disregard for the responsible conduct of research, such as neglecting to list as authors all those who qualify as the authors of a publication.

Please evaluate the prevalence of these violations  
**in your research community in the past 3 years.**

5. How often have you noticed the following unethical activities in your research community?

	Never	Rarely	Sometimes	Fairly often	Often
a) Presenting another person's text or image under one's own name, directly or in adapted form ( <i>plagiarism</i> ).	1	2	3	4	5
b) Publishing one's own findings several times without referring to the original publication ( <i>self-plagiarism</i> ).	1	2	3	4	5
c) <i>Misappropriation</i> of someone else's research plan, material or idea.	1	2	3	4	5
d) Presenting invented observations to the research community ( <i>fabrication</i> ).	1	2	3	4	5
e) <i>Falsification</i> of methods, observations and findings.	1	2	3	4	5
f) Unjustified <i>selection</i> of methods, observations and findings.	1	2	3	4	5
g) Unjustified omission of someone from the list of authors.	1	2	3	4	5
h) Other unjustified dismissal of a researcher's work or failure to cite them.	1	2	3	4	5
i) Exaggerating one's research merits in a CV or a list of publications.	1	2	3	4	5
j) Inappropriately hampering the work of another researcher.	1	2	3	4	5
k) Neglecting to obtain a research permit or preliminary ethical review.	1	2	3	4	5

6. If you have been the victim of an RCR violation, did you report it to your organisation?

- Yes  
 No

7. If you reported the RCR violation to your organisation, what happened next?

- No action was taken, or the situation was not treated seriously.  
 The situation was resolved within the working community, without an official RCR notification.  
 An RCR notification was made to the leader of the organisation, and the RCR process was begun.

8. Please provide more details below about cases of RCR violation that you know of.

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9. In your opinion, which of these factors could pose a risk to responsible conduct of research in your own research community?

	Completely disagree	Partly disagree	Neither agree nor disagree	Partly agree	Completely agree
a) The researchers do not have enough information about their own rights.	1	2	3	4	5
b) The ownership of research material and its rights of use are unclear.	1	2	3	4	5
c) The belief that people may engage in research misconduct, negligence or irresponsible actions given the chance.	1	2	3	4	5
d) The belief that the consequences of violating responsible conduct of research are not particularly serious.	1	2	3	4	5
e) The pressures to obtain funding, to publish and to advance one's career.	1	2	3	4	5
f) Selective publishing of results because of the funder's interests.	1	2	3	4	5
g) Insufficient information about the RCR process.	1	2	3	4	5

14. Is there something you would like to bring up about responsible conduct of research and ethical research?

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### III. Values and ethics in research

10. Which values and principles of research are the most important to you?  
Choose the three most important from this list.

- openness
- furthering research
- self-correctability
- critical stance
- reliability
- justifiability
- fairness
- independence
- clarity
- applicability
- truthfulness
- freedom
- impact
- other, which? \_\_\_\_\_

11. What is your opinion of the following statements regarding leadership and personnel in your working community?

	Completely disagree	Partly disagree	Neither agree nor disagree	Partly agree	Completely agree
a) The research / project head treats everyone equally.	1	2	3	4	5
b) Harassment and inappropriate behaviour occur in my research community.	1	2	3	4	5
c) The interaction within my research group is open and effective.	1	2	3	4	5

d) My research community supports a fair and responsible working culture.	1	2	3	4	5
e) The research / project head encourages individual researchers and the research group in their work.	1	2	3	4	5
f) The ethics of leadership is based on the leaders serving as good examples.	1	2	3	4	5

**12.** Do you have something to add about the topics above?

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## RESPONDENT'S BACKGROUND INFORMATION

Your employer or organisation:

- University
- University of applied sciences
- Other research organisation

Highest degree gained:

- Doctorate
- Licentiate
- Master's degree or equivalent
- Bachelor's degree or equivalent
- Matriculation examination
- Other, which? \_\_\_\_\_

In which country did you complete your highest degree? \_\_\_\_\_

Your work mainly involves:

- Research
- Teaching
- Administration
- Other, which? \_\_\_\_\_

The field you represent:

- Natural sciences
- Technology

- Medical and health sciences
- Agriculture and forestry sciences
- Social sciences
- Humanities
- Arts

Years of experience in research: \_\_\_\_\_ years

Thank you for completing the survey!

For more information about responsible conduct of research in Finland, see:

[http://www.tenk.fi/sites/tenk.fi/files/HTK\\_ohje\\_2012.pdf](http://www.tenk.fi/sites/tenk.fi/files/HTK_ohje_2012.pdf)

<https://www.responsible-research.fi/>

Other ethical guidelines and recommendations: <http://www.tenk.fi/en/tenk-guidelines>