



## Curriculum vitae and track record

### PERSONAL INFORMATION

\*Family name, First name: **Kaiser, Carl Walter Matthias**

\*Date of birth: 29 October 1951

\*Sex: male

\*Nationality: German

Researcher unique identifier(s) (ORCID, ResearcherID, etc.):

<https://scholar.google.no/citations?user=uRU40c4AAAAJ&hl=no>

ORCID: 0000-0002-3647-1563

URL for personal web site: <http://www.uib.no/en/persons/Matthias.Kaiser>



### • EDUCATION

1991 Dr.phil. – Fachbereich Philosophie, Johann-Wolfgang-Goethe Universität, Frankfurt am Main, Germany

1979 Magister artium – Det historisk-filosofiske fakultet, Universitetet i Oslo, Norway

(supporting subjects: mathematics; sociology of science)

### • CURRENT AND PREVIOUS POSITIONS

2024 – present: **Senior Researcher** at NORSUS: Norwegian Institute for Sustainability Research, Fredrikstad.

2020 – 2026 **Professor II** (10%) at the Norwegian University of Science and Technology (NTNU), Philosophy Dept., Trondheim

2021 – present **Professor emeritus** at SVT, University of Bergen

2021 – present sole **Consultant** of “Kaiser Research, Philosophy and Ethics”, org.nr.: 828181572, Norway

2019 - 2021 Full Professor (100%) at the Centre for the Study of the Sciences and Humanities at the University of Bergen, Bergen

2011 – 2019 Director of the Centre for the Study of the Sciences and Humanities at the University of Bergen, Bergen

1991 – 2011 Director of *The National Committee for Research Ethics in Science and Technology* (NENT), Oslo

2008 – 2011 Senior Researcher (part time; 20%) at *Centre for the Study of the Sciences and Humanities* at the University of Bergen, Bergen

2000 – 2006 Professor II (adjunct professor; 20%) for philosophy of science at the doctoral education program at *The Oslo School of Architecture*

1999 – 2000 Acting Director for newly founded *Norwegian Board of Technology*, Oslo.

1990 – 1991 post-doctoral position at the *Centre for Medical Ethics* (SME), and the *Centre for Technology and Culture*, (TMV), Oslo.

1987 – 1990 assistant professor at the *Dept. of Philosophy, University of Oslo*

1985 – 1988 alternating scientific manager of *Seminar of the Study of the Sciences, University of Oslo*.

1984 – 1986 Teaching assistant at *Dept. of Philosophy, University of Oslo*.

### • AWARDS AND MOBILITY

Elected Fellow of the International Science Council; Dec 2023

Elected member of Academia Europaea; June 2021

Elected Lifetime Honorary Member of European Society for Agricultural and Food Ethics; 2019

Elected member of: *Det Kongelige Norske Videnskabers Selskab (Royal Norwegian Society of Sciences and Letters)*; 2016.

International Affiliate at the Centre for Informed Futures, University of Auckland

Scientific Fellow at the European Academy of Technology and Innovation Assessment, (now: *iqip*, Ahrweiler) - 1997

Guest Fellow at University of Guanajuato, Mexico.

1994 at: 1. School of Science and Technology Studies, The University of New South Wales,

### YouTube videos co-produced by Kaiser

Post-normal science and science advice to government:

<https://www.youtube.com/watch?v=QfiT09t5khs>

Messages from Lofoten

<http://youtu.be/hpoGCpzUFPo>

Prawn & Shrimp culture in Bangladesh

<http://youtu.be/NB6BWv5jPyc>

Sustainable Ethical Aquaculture

Trade

<http://youtu.be/vxmm8PVRkUo>

Invited keynote on Food Ethics:

<https://www.youtube.com/watch?v=faSCaxFFDsU&list=FL5EriseRSPGln6gmSdGcBJA&index=2&t=0s>

Lecture on participation (password: d: participation):

<https://vimeo.com/190531892>

Talk at Bergen SDG conference 2019 (start at 1:03:00):

[https://www.youtube.com/watch?v=\\_2zY7j98h\\_A](https://www.youtube.com/watch?v=_2zY7j98h_A)

Kensington (Sydney), NSW 2033, (ref.#: 9400468) and 2. School of Traditional and Modern Philosophy, The University of Sydney, Sydney, NSW 2006. - Furthermore: Senior Resident Fellow at The New College, The University of New South Wales, associated to The New College Institute for Values Research, UNSW.

- **SUPERVISION OF GRADUATE STUDENTS AND RESEARCH FELLOWS (if applicable)**

Supervision / co-supervision of 2 current PhD projects; 10 PhD students; 2 PostDoc; 6 Junior Researchers; several MSc student (theses supervision).

- **ORGANISATION OF SCIENTIFIC MEETINGS (only the most recent)**

2020 Chair of Scientific Committee for the 4<sup>th</sup> APSAFE (online) conference 3-16.12.2020, Japan. 2018

Co-Chair of the 3<sup>rd</sup> APSAFE conference in Taipei, Taiwan, 10-12 May 2018.

2005 - 2006 organiser and chair of organising committee for EurSAFE 2006 Conference in Oslo 22 - 24 June 2006;

2009 Conference Chair and Organiser: "Philosophy for Science in Use", September 2009, Linköping, European Science Foundation.

- **INSTITUTIONAL RESPONSIBILITIES AND COMMISSIONS OF TRUST (selection)**

2023 – present Affiliated researcher at the Norwegian Institute of sustainability research (NORSUS)

2021 – present Cooperation Partner at the *DIALOGIK gGmbH*, Stuttgart, Germany

2020 – Affiliate Fellow at the *Koī Tū: Centre for Informed Futures*, University of Auckland

2019 – present Board member of the Bergen-Hub of the Academia Europeae

2004 – (2023) Board-Member of the *Altonaer Stiftung für philosophische Grundlagenforschung* (ASFPG), Hamburg Germany;

2014 – 2021 Member of Steering Board of *Teknologirådet* (Danish Board of Technology, Denmark)

2019 Member of the Task force on Scientific Integrity of the European University Association 2014 –

2013 - 2016 Member of the *Agreenskills Ethics Commission*, Paris; [www.agreenskills.eu](http://www.agreenskills.eu)

2012 – 2018 Member of the Steering Board of the ELSA Network Norway

2007- 2016 President of the *European Society for Agricultural and Food Ethics* (EurSafe).

2007-2008 Member of the OECD Global Science Forum, International Co-ordinating Committee for Facilitating Research Misconduct Investigation;

2008. Member of the EC expert group on "International Governance of Science"; Brussels

2005– 2006 Organiser and chair of organising committee for EurSAFE 2006 Conference

"Ethics and the Politics of Food" in Oslo 22 – 24 June 2006;

2007 Invited expert to the international consultations on Codes of Conduct for Scientists of UNESCOs COMEST in Geneva, Bangkok, and Belo Horizonte.

2004 – 2005 Chairman of the Ad Hoc International Working Group on the Precautionary Principle, set up by COMEST under UNESCO (the report of the working group was endorsed by COMEST and eventually adopted by the General Assembly of UNESCO to represent the consensus position on the Precautionary Principle);

- **EDITORIAL WORK IN PEER-REVIEWED SCIENTIFIC JOURNALS**

(Founding) EDITOR-IN-CHIEF of scientific journal *Food Ethics* (Springer)

Member of the Editorial Board of the journal *Science and Engineering Ethics*. (Springer; present)

Editorial Board member of the journal *Etikk i praksis*. (present)

Editorial Board Member of the journal *TA TuP* (KIT / ITAS) (present).

Editorial Board member of the *Journal of Agricultural and Environmental Ethics* (-2015).

Editorial Board member of the *Journal of Empirical Research on Human Research Ethics*. (-2013)

Editorial Board member of the journal *Agriculture and Human Values* (-2006).

- **MEMBERSHIPS IN SCIENTIFIC SOCIETIES**

Currently member of: **The European Society for Agricultural and Food Ethics (EurSAFE)**

- **Project leadership during the past 10 years (excluding mere partnerships in EU projects):**

**PI and coordinator:** "Research integrity in Norway" (RINO), collaboration between UiB, HVL, og FEK, 2016-2019.

**PI and coordinator:** "Transforming Climate Knowledge with and for Society" (TRACKS), NFR. (rated #1 of 132 )

**Coordinator:** "The Landscape and Isobars of European Values in Relation to Science and New Technology" (Value Isobars), EU FP7, 2009 – 2011.

**Coordinator:** "Nordic Network for agriculture and food ethics", NordForsk, 2007 – 2010.

**Leader** of WP8: "Sustainable Ethical Aquaculture Trade" (SEAT), EU FP7, 2009 – 2013.

- **CURRENT PROJECT ACTIVITIES (2024)**

- 2024 – 2026 CHANGER: CHALLENGES AND INNOVATIVE CHANGES IN RESEARCH ETHICS REVIEWS; EU Horizon CSA project # 101131683
- 2020 – 2025 The AFINO Research Centre (“Ansvarlig forskning og innovasjon i Norge»), coordinated by NTNU, member of the core group and leader of WP8. (<https://www.ntnu.edu/afino/about> )
- 2021 – 2024 Managing Ethical Norwegian Seascapes (MENSA), coordinated by Mimi E.Lam, UiB, funded by Norwegian Research Council; member of network collaborators . (<https://prosjektbanken.forskningsradet.no/#/project/NFR/303663/Sprak=en> ).
- 2020 – 2024 The ReMoDigital Project (“Resilienz-Monitoring für die Digitalisierung der Energiewende” ), coordinated by IQIB – 53474 Bad Neuenahr-Ahrweiler, D; member of the working group

- **Ten-year track record:**

Kaiser’s areas of expertise are in the fields of philosophy of science, ethics of science, food ethics, and technology assessment. His areas of competence include social studies of science and technology, history of science, ethics, logic, and history of philosophy. Thematically, his current work has a focus on the following topics: **Philosophy of science** (uncertainty, risk, models, indicators, post-normal science), **Ethics of science** (integrity of research, research ethics, Responsible Research and Innovation), **Values and identities** (fundamentals of a theory of value, value-landscapes, empirical studies of values and identities), **Food ethics** (editing a journal, seafood ethics, governance of food systems), **Societal engagement** (transdisciplinarity, methods of participation, future workshops, surveys, technology assessment), and **Science-Policy Interface** (Science advice, evidence based support, submarine U864, values for policy). Kaiser research activities take place in a multi- and inter-disciplinary environment. He was among the founding members of the European Network for Research Integrity Offices (ENRIO) and was actively involved in the first two World Conferences on Scientific Integrity. Through detailed case studies, he has furthermore considerable insights in diverse fields of science, such as the history of plate tectonics, aquaculture, and biotechnology. Another topic of detailed study is the Precautionary Principle. In all of these cases Kaiser has developed a unique focus on ethical issues, which now makes him one of the leading scholars within **food ethics / seafood ethics**. His leading role in the conduct of **three Norwegian consensus conferences**, has led to a special interest in participatory methods, among others publishing on the use of the ethical matrix. He has (co-)published **4 books, co-edited 2 further books, published more than 180 scientific articles**, written several committee studies (including ethical guidelines) and project reports, and edited three thematic issues of scientific journals.

- **High-Level Invited Contributions to International Events:**

- Opening keynote at 3<sup>rd</sup> International Congress on Agricultural and Food Ethics, Turkey, November 2021.
- - Invited expert to INGSA (International network for governmental science advice) meetings in Tokyo and Dublin, 2018-2019.
- Invited expert to the international consultations on Codes of Conduct for Scientists of UNESCOs COMEST in Geneva, Bangkok, and Belo Horizonte.
- Personally invited expert on ethics of science to help build up activities of national research ethics committee (CECTE) in Argentina; invited by the Minister of Science and Technology in Argentina. - Norwegian Member of the Co-ordinating Committee for Facilitating International Research Misconduct Investigations; Global Science Forum of the OECD.
- Invited expert by Portuguese ex-President Mario Soares to assist the World Commission on the Oceans. - Invited expert by Portuguese President Jorge Sampaio to assist introduction of the Aarhus Convention in Portuguese law.

**Google Scholar** lists him with 2391 citations to date, and 1022 since 2018 (accessed 06.01.2023), which gives a mean of roughly 205 citations per year recently. He is **Editor-in-chief** of a scientific journal with Springer Publishers: *Food Ethics – The Journal of the Societies for Agricultural and Food Ethics*, launched by him in 2016. Most of his publications are in English or in Norwegian, some in German, French or Spanish, and some have been translated into Russian, Chinese, and Serbo-Croatian. Kaiser has an extensive international network of academic contacts both from within his own field of training, and from many others:

Sir Peter Gluckman (ISC, INGSA & Auckland), George Gaskell (LSE), Thomas Potthast (Tübingen), Nancy Cartwright (Durham & San Diego), Jerry Ravetz (London), Mario Guiampetro (Barcelona), Philip Kitcher (Columbia NY), Mimi E. Lam & Tony Pitcher (both UBC, Vancouver), Dave Little (Stirling), Selina Stead (Newcastle), Kate Millar (Nottingham), Stellan Welin (Linköping), Peter Sandøe (Copenhagen), Maria Eduarda Goncalves (Lisbon), Angela Pareira (JRC, Ispra),

Magda Giordano (UNAM Mexico), etc.) He is actively engaged in the European Society for Agricultural and Food Ethics (EurSafe), and has initiated the founding of the Asian-Pacific Society for Agricultural and Food Ethics. International Council for Science (formerly ICSU, Now: International Science Council, ISC, Paris) and UNESCO: During 1996 – 2002 he was Chair of ICSU's Standing Committee on Responsibility and Ethics in Science (SCRES). He has lectured in many universities and institutes around Europe and other countries (e.g. USA, Canada, Mexico, Argentina, Brazil, Australia, Taiwan, China, Thailand, Vietnam, Russia, Turkey, Israel, India, Bangladesh, New Zealand). He is often consulted for expert meetings or review of projects by the Nordic Council of Ministers, the EU, the Council of Europe, The European Science Foundation, and the National Science Foundation (US).

• **Recent most significant publications:**

**Books the last 10 years:**

- Droste-Franke B, Carrier M, **Kaiser M**, Schreurs M, Weber C, Ziesemer T (2015) *Improving Energy Decisions – Towards Better Scientific Policy Advice for a Safe and Secure Future Energy System*, Springer: Cham, Heidelberg, New York, Dordrecht, London. --
- Gethmann, CF, Carrier M., Hanekamp G, **Kaiser M.**, Kamp G, Lingner S, Quante M, Thiele F (2015) *Interdisciplinary Research and Trans-disciplinary Validity Claims*, Springer: Cham, Heidelberg, New York, Dordrecht, London..

**Selection of recent peer reviewed publications:**

1. **Kaiser, M.**, Drivdal, L., Hjelbrekke, J., Ingierd, H., Rekdal, O.B., (2022) "Research integrity and misconduct among Norwegian researchers". In Journal of Science and Engineering Ethics, 28:2. Online 2021; <https://doi.org/10.1007/s11948-021-00351-4>.
2. **Kaiser, M.**, Buklijas, T., Gluckman, P. (2021). «Models and numbers: Representing the world or imposing order?». Accepted for publication in *Perspectives on Science*, [https://doi.org/10.1162/posc\\_a\\_00373](https://doi.org/10.1162/posc_a_00373)
3. **Kaiser, M.**, Chen, A. T. Y., Gluckman, P. (2021). «Should policy makers trust composite indices? A commentary on the pitfalls of inappropriate indices for policy formation». *Health Res Policy Sys* 19, 40 (2021). <https://doi.org/10.1186/s12961-02100702-4>
4. Gluckman, P-D., Bardsley, A., **Kaiser, M.** (2021). "Brokerage at the science-policy interface: from conceptual framework to practical guidance". *Humanities & Social Sciences Communications*, 8:84, p.1-10; <https://doi.org/10.1057/s41599-021-00756-3>
5. **Kaiser, M.**, Goldson, S., Buklijas, T., Gluckman, P., Allen, K., Bardsley, A., Lam, M.E. (2021). "Towards Post-Pandemic Sustainable and Ethical Food Systems". *Food Ethics*, 6:4; <https://doi.org/10.1007/s41055-020-00084-3>
6. Saltelli, A., Benini, L., Funtowicz, S., Giampietro, M., **Kaiser, M.**, Reinert, E., & van der Sluijs, J. P. (2020). «The technique is never neutral. How methodological choices condition the generation of narratives for sustainability". *Environmental Science & Policy*, 106, 87-98.
7. Andorno, R., Baylis, F., et al.:....., Graumann, S., Grüber, K., **Kaiser, M.**, ...., Zuscovova, J. (2020), "Geneva Statement on Heritable Human Genome Editing: The Need for Course Correction.", *Trends in Biotechnology (Cell Press Reviews)*, ISSN: 0167-7799 , 1879-3096; DOI: 10.1016/j.tibtech.2019.12.022
8. Lam, M. E., Pitcher, T. J., Surma, S., Scott, J., **Kaiser, M.**, White, A. S., Pakhomov, E.A. & Ward, L. M. (2019). Value-and ecosystem-based management approach: the Pacific herring fishery conflict. *Mar Ecol Prog Ser*, 617, pp.: 341-364.
9. Forsberg, E.M., Anthun, F.O., Bailey, S., Birchley, G., Bout, H., Casonato, C., Fuster, G.G., Heinrichs, B., Horbach, S., Jacobsen, I.S., Janssen, J., **Kaiser, M.**, Lerouge, I., van der Meulen, B., de Rijcke, S., Saretzki, T., Sutrop, M., Tazewell, M., Varantola, K., Vie, K.J., Zwart, H., Zöller, M. (2018), "Working with Research Integrity—Guidance for Research Performing Organisations: The Bonn PRINTEGER Statement", *Science and Engineering Ethics*, 24 (4), 1023-1034.
10. **Kaiser, M.** & Algers, A. (2017) "Trust in food and Trust in Science", *Food Ethics* (2017) 1:93–95; DOI 10.1007/s41055-017-0021-5
11. Haugen, A.S., Bremer, S., **Kaiser, M.** (2017): "Weaknesses in the ethical framework of aquaculture related standards", *Marine Policy* Volume 75, January 2017, Pages 11-18. (online October 2016): <http://dx.doi.org/10.1016/j.marpol.2016.10.011>
12. **Kaiser, M.** (2017), "Franken-food or techno-fix? – Ethical issues with GMOs in Europe", in: *Towards a new regulatory framework for GM crops in the European Union*, Leire Escajedo San-Epifanio (ed.), Wageningen Academic Publishers.
13. Strand, R. & **Kaiser, M.** (2017), "Ethical issues raised by emerging sciences and technologies", in: *Convergence of New Emerging Technologies – Ethical Challenges and New Responsibilities*, L. Caenazzo, L. Mariani, & R. Pegoraro (eds.), Piccin Nuova Libreria S.p.A.; Padova, Italy 2017. (Report to the Council of Europe)
14. Bremer S, Millar K, Wright N, **Kaiser M** (2015) "Responsible techno-innovation in aquaculture: Employing ethical engagement to explore attitudes to GM salmon in Northern Europe", *Aquaculture*, 437, 370 – 381.
15. **Kaiser M** (2014) "The integrity of science – Lost in translation?"; *Best Practice & Research. Clinical Gastroenterology*; <http://dx.doi.org/10.1016/j.bpg.2014.03.003>