

# Quality assurance



Generally, it is not unusual to bring in external quality assurers for externally funded studies. NORAH went even further than many previous studies.

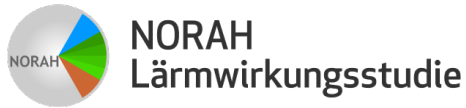
## Internal quality assurance

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The scientists of the NORAH Study subjected themselves to an internal quality assurance committee. Its members followed them in their work and reviewed the methods and results before they were submitted to the principal.

### Persons responsible for internal quality assurance

- Prof. Dr. Hajo Zeeb, Leibniz-Institut für Präventionsforschung und Epidemiologie – BIPS GmbH, Bremen
- Dr. Enno Swart, Otto-von-Guericke Universität Magdeburg
- Prof. Dr. em. August Schick, ehem. Universität Oldenburg



- Dr. Rudolf Schuemer, ehem. FernUniversität Hagen
- Dr. Berthold Vogelsang, Niedersächsisches Ministerium für Umwelt, Energie und Klimaschutz
- Prof. Dr. med. Caroline Herr, München
- Prof. Dr. med. Ali Erdogan, Gießen

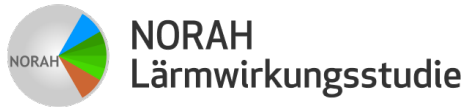
## External quality assurance

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The Scientific Advisory Board for Quality Assurance (WBQ) of the NORAH Study was independent of the researching scientists and reviewed their work in all steps. Two WBQ members each reported on one sub-study.

### Persons responsible for external quality assurance

- PD Dr. phil. Mark Brink, ETH Zürich, Schweiz (Schlaf, Belästigung)
- Prof. Dr. Erland Erdmann, Universität Köln (Gesundheit, Kardiologie)
- Prof. Dr. Kerstin Giering, Hochschule Trier, Umwelt-Campus Birkenfeld (Akustik)
- Univ.-Prof. em. Dr. med. Barbara Griefahn, Leibniz-Institut für Arbeitsforschung, TU Dortmund (Schlaf, Belästigung)
- Prof. Dr. Jürgen Hellbrück, Katholische Universität Eichstätt-Ingolstadt (Kinder, ab Januar 2014)
- Prof. Dr. med. Wolfgang Hoffmann, Ernst-Moritz-Arndt-Universität Greifswald (Gesundheit, Epidemiologie)
- Dr. Christian Maschke, Landesamt für Umwelt, Gesundheit und Verbraucherschutz Brandenburg, Potsdam (bis Dezember 2013)
- Dr. Irene van Kamp, National Institute for Public Health and the Environment, NL-Bilthoven (Kinder, Belästigung)
- Dr. Lothar Ohse, Hessisches Landesamt für Umwelt und Geologie, Wiesbaden (Akustik ergänzend)
- Dr. Georg Thomann, Amt für Natur und Umwelt, Graubünden, Schweiz (Akustik)



- Prof. Dr. Joachim Vogt, TU Darmstadt (Belästigung, Lebensqualität, ab April 2014)

## The Öko-Institut

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The Öko-Institut – an independent environmental research institute – supported the quality assurance process. It advised the client of NORAH Study, the Gemeinnützige Umwelthaus GmbH, in scientific questions and acted as an interface between principal, scientific consortium and the WBQ.

## Scientists and Institutes

An overview of the consortium can be found here:

[Overview Scientists and Institutes \(https://www.laermstudie.de/en/norah-study/scientists/\)](https://www.laermstudie.de/en/norah-study/scientists/)

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## Further information

More information on the quality assurance of the NORAH study can be found in NORAH Knowledge No. 9. Further information on the results of the NORAH study can be found in NORAH Knowledge No. 14.

- [NORAH Knowledge no. 9 PDF, 2 MB](https://www.laermstudie.de/media/download/norah_knowledge_09.pdf)  
([https://www.laermstudie.de/media/download/norah\\_knowledge\\_09.pdf](https://www.laermstudie.de/media/download/norah_knowledge_09.pdf))
  - [NORAH Knowledge no. 14 PDF, 2 MB](https://www.laermstudie.de/media/download/norah_knowledge_14.pdf)  
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## Do you have any questions?

Icon Kontakt Lärmstudie

Get in touch with us

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