

# Open for Signatures – Endorsed by 40 Laureates

The Lindau Guidelines consist of ten goals for open, cooperative science where data and knowledge are freely shared. With the opening of the meeting, scientists can now sign them and show that they are working according to their spirit.

In her 2018 keynote speech, Nobel Laureate Elizabeth H. Blackburn laid the basis for the Lindau Guidelines by suggesting a new approach for more sustainable and global science – following the example of the Paris Agreement 2015 for climate change mitigation. As the Lindau Nobel Laureate Meetings focus on young scientists at all stages of academic training as well as early-career scientists, the idea emerged of developing helpful and practical guidelines for scientific research and conduct that will support global, sustainable and cooperative open science in the long-term. These plans were further developed and elaborated together with the Lindau community over the subsequent years. Goal 1 for example – Adopt an Ethical Code – was a suggestion from the online discussion of the text.

The guidelines provide a framework for science to confront global challenges more efficiently by emphasizing a global scientific community that shares data and resources openly. “The truly vexing problems now facing humanity – such as environmental degradation, the global climate crisis and its effects on health, emerging infectious diseases and pandemics and the need for alternative energy sources – call for building something new: a global framework to support fundamental scientific research”, was how Elizabeth Blackburn summarised it during her #LINO18 speech.

As a contribution to society, the Lindau Guidelines are in line with the declarations that were based on Lindau

initiatives, traditionally announced during the closing day on Mainau Island. In 1955, Nobel Laureates published the first Mainau Declaration, which was directed against the use of nuclear weapons. And in 2015, it was Brian P. Schmidt who constituted the declaration on climate change, which was handed over to politicians in advance of the successful COP21 climate summit in Paris.

The Lindau Online Science Days 2020 marked the final debate about the ten goals that build the Lindau Guidelines. In June 2021 a binding version was published in the run-up to the 70<sup>th</sup> Lindau Nobel Laureate Meeting. Besides information about the process and the scientific background as well as an example of the application of the Lindau Guidelines in practice – the browser extension Authentisci – the Lindau Guidelines website allows digital signing of the goals. As an initial show of support, 40 Nobel Laureates immediately endorsed the guidelines. Scientists worldwide as well as research institutions now have the opportunity to sign the Lindau Guidelines and declare their support for the ten goals. Meanwhile several hundred individuals have shown their will to adopt them. With the final goals ready for signing digitally the Lindau Guidelines are a valuable contribution from the Lindau Meetings for the future of science.



Integral part of the meeting programme: Lindau Guidelines initiator Elizabeth H. Blackburn during a networking break with Moderator Brian Malow and Wolfgang Huang, Director of the Executive Secretariat of the Council, giving a comprehensive insight into the implementation process of the ten goals.



## The Lindau Guidelines' Ten Goals – [lindauguidelines.org](http://lindauguidelines.org)

- 1 Adopt an Ethical Code
- 2 Cooperate Globally on Global Problems
- 3 Share Knowledge
- 4 Publish Results Open Access
- 5 Publish Data to Repositories
- 6 Work Transparently and Truthfully
- 7 Change Reward Systems
- 8 Support Talent Worldwide
- 9 Communicate to Society
- 10 Engage in Education

10 goals explained in 10 minutes:  
Watch our recent Mini Lecture about  
the Lindau Guidelines.

