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# WIND ENERGY SCIENCE

The interactive open-access journal  
of the European Academy of Wind Energy

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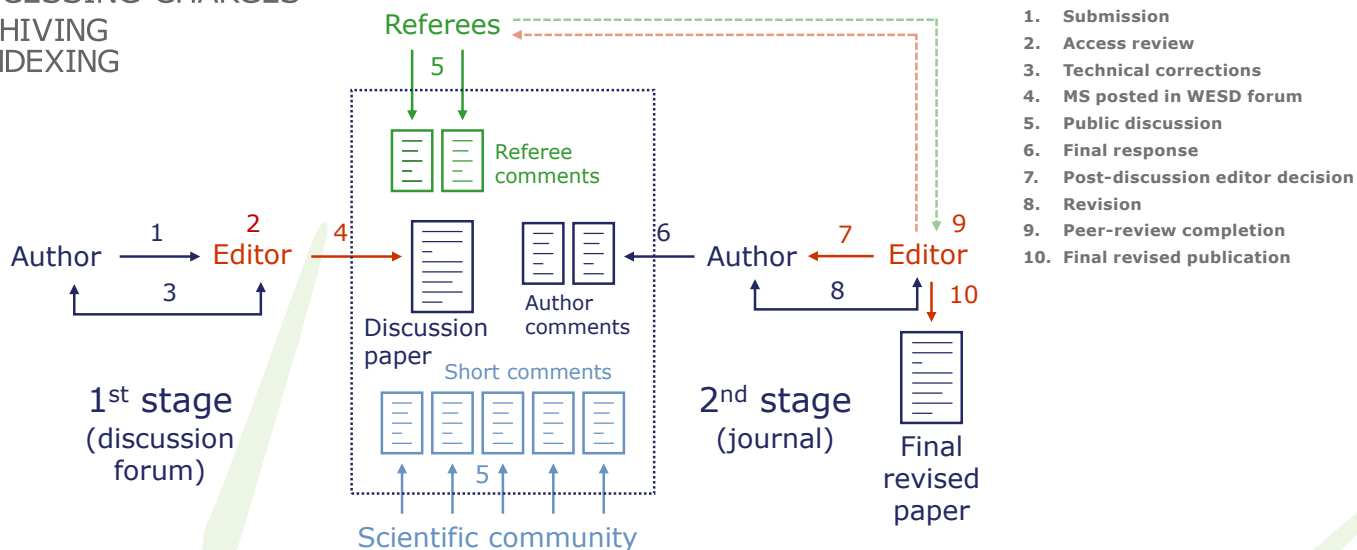
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-  OPEN ACCESS
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## Interactive Public Peer Review™

- manuscript posted in the WES discussion forum
- public discussion by the scientific community
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- post-discussion editor decision
- authors' revision and peer-review completion
- final journal publication – fully peer-reviewed



1. Submission
2. Access review
3. Technical corrections
4. MS posted in WESD forum
5. Public discussion
6. Final response
7. Post-discussion editor decision
8. Revision
9. Peer-review completion
10. Final revised publication

## Aims and scope

Wind Energy Science (WES) is an international scientific journal dedicated to the publication and public discussion of studies that take an interdisciplinary perspective of fundamental or pioneering research in wind energy. WES is supported and managed by the European Academy of Wind Energy (EAWE), which brings together almost all the universities that play a role in wind energy research in Europe. The fields that WES covers have been selected by the EAWE because they represent some "grand challenges" that need to be overcome to provide significant impact on improving the wind energy conversion process and accelerate its development:

- material science and structural mechanics;
- wind and turbulence;
- aerodynamics and hydrodynamics;
- design methods, reliability, and uncertainty modelling;
- control and system identification;
- electricity conversion, forecasting, grid and markets integration;
- offshore technology;
- environmental and socio-economic aspects.

## Why a new journal?

We believe that the wind energy community previously lacked an open-access journal for rapid communication of high-quality research. The new journal is based on an innovative publication process and will provide a modern, efficient, and interactive forum for the latest research from the wind energy community. EAWE has chosen Interactive Public Peer Review™, which is a two-stage reviewing process provided by Copernicus Publications, in order to foster scientific discussion and to enhance the effectiveness and transparency of scientific quality assurance. Publication of papers started early 2016 and WES aspires to get indexed in Web of Science as soon as possible. As the first paper published in the journal EAWE has identified the long-term research challenges (van Kuik, G. A. M., et al., Wind Energy Sci., 1, 1-39, doi:10.5194/wes-1-1-2016, 2016) which are expected to have significant impact on wind energy and accelerate its development. These challenges are the basis for the scope of the journal.