



Fight false facts by open science

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Scientific facts are more and more under pressure especially after the invention of ‘alternative facts’. Seeds for false facts are not-free accessible papers, closed review-processes, where only invited reviewers are able to fact-check, hidden data on the researcher’s personal laptop, and non-checked model codes. ‘Hydrology and Earth System Science’, at this moment, adopted free accessible scientific papers and an open peer-review process. This is a big step forward, especially in comparison to other journals. However, more is needed to increase transparency and integrity in science. If we as scientists want to regain the public trust we should open up scientific research to society and put more effort in explaining the meaning of our studies for a layman public. And with this we can fight false-facts.