Contribution ID: **47**   Type: **Talk (15min + 5min)**

Software as new indicator in research evaluation - first experiences in HGF

Thursday 27 February 2025 11:40 (20 minutes)

When evaluating research impact, it's crucial to consider not only traditional publications but also other facets of scientific work. Data and research software are valuable products of research. High-quality software development enables reproducible science, data accessibility, and innovative methodologies, supporting a broader research ecosystem. However, software developers Recognizing software contributions would encourage developers to prioritize functionality, reliability, and usability. On the international level, initiatives like COARA (Coalition for Advancing Research Assessment, https://coara.eu/) or HiddenRef (https://hidden-ref.org/) aim to reshape the research evaluation by recognizing diverse contributions, including software development. Similar discussions within HGF lead to establishing a Taskgroup Indicators. The group developed a step-by-step plan for the introduction of new key performance indicators, which was then adopted by the general assembly of the Helmholtz Association. Beginning with 2022, as a first step a simple indicator for software was monitored. The talk describes some results of this attempt and discusses also problems with the approach.
(This is part one of our report on our approach to introduce software into research assessment at HGF. The second part describes some new ideas about a more detailed quality indicator for research software and is submitted as #48)

I want to participate in the youngRSE prize

no

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