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Quantitative research assessment and its unintended consequences

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About the author



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Eleonora Dagienė was born in Kaunas, Lithuania, in 1963. She completed her secondary education in Kaunas in 1980 and subsequently commenced her university studies. In 1985, she obtained a computer engineer diploma from Kaunas University of Technology (formerly Kaunas Polytechnical Institute). In 1998, she earned a Master of Science degree in Management from Vilnius Gediminas Technical University, Lithuania.

In November 2018, Eleonora began her doctoral research at The Centre for Science and Technology Studies (CWTS), Leiden University, under the supervision of Professor Ludo Waltman, Professor Vincent Larivière (University of Montreal), and Assistant Professor Guus Dix (University of Twente). Her research focuses on bibliometric research, research assessment policies and their multi-actor dynamics, and book evaluation practices, whilst advocating for open science principles and exploring book metadata sources. Eleonora's PhD research has been published in the journals *Research Evaluation*, *Quantitative Science Studies* (QSS), *Scientometrics*, and *Higher Education Policy*.

Prior to her PhD, Eleonora had an extensive professional experience in academic publishing, having led a university press from 2006 to 2019. Actively implementing innovations in academic publishing, she further contributed to the scholarly communication community by serving on the Crossref board and co-founding and leading the Association of Lithuanian Serials. Since 2021, she has been a researcher at Mykolas Romeris University, where she actively advocates for Open Science, teaches research methodologies, and shares her research insights through her blog in Lithuanian (<https://eleonoradagiene.lt>).

List of publications and academic activities (2019-2025)

International peer reviewed journal articles

- Dagienė, E. (2023). Prestige of scholarly book publishers—An investigation into criteria, processes, and practices across countries. *Research Evaluation*, 32(2), 356–370. <https://doi.org/10.1093/reseval/rvac044>
- Dagienė, E. (2024). The challenge of assessing academic books: The UK and Lithuanian cases through the ISBN lens. *Quantitative Science Studies*, 5(1), 98–127. https://doi.org/10.1162/qss_a_00284
- Dagienė, E. (2024). Mapping scholarly books: Library metadata and research assessment. *Scientometrics*, 129, 5689–5714. <https://doi.org/10.1007/s11192-024-05120-1>
- Dagienė, E., Waltman, L., & Dix, G. (2025). Multi-actor Policy Dynamics in Research Evaluation: Experts, Databases, and Academics. *Higher Education Policy*. <https://doi.org/10.1057/s41307-025-00397-0>

Preprints

- Dagienė, E., Larivière, V., Dix, G., & Waltman, L. (2024). *Incentivising, excluding, and enduring: The policy dynamics of quantitative research assessment in Lithuania*. SocArXiv. <https://doi.org/10.31235/osf.io/9yq38>

Peer-reviewed conference proceedings

- Dagienė, E. (2025). Exploring Google Books, Open Library, and Wikipedia as sources for book metadata: The UK and Lithuanian cases. In S. Sargsyan, W. Glänzel, & G. Abramo (Eds.), *The 20th International Conference on Scientometrics & Informetrics (ISSI 2025)* held on 23-27 June 2025, Yerevan, Armenia: Vol. II (pp. 2015–2023). https://doi.org/10.51408/issi2025_107
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- Dagienė, E., & Li, K. (2021). ISBNs as identifiers for books in research evaluations. In W. Glänzel, S. Heeffer, P.-S. Chi, & R. Rousseau (Eds.), *18th international conference on scientometrics & informetrics (ISSI2021)* held on 12-15 July 2021, KU Leuven, Belgium, online (pp. 299–304). https://www.issi-society.org/proceedings/issi_2021/Proceedings%20ISSI%202021.pdf
- Dagienė, E., Kriščiūnas, A., Tautkevičienė, G., & Maskeliūnas, S. (2019). Impact of National Research Assessment Exercises on Monographs and Scholarly Books authored by the Lithuanian Researchers. In G. Catalano, C. Daraio, M. Gregori, H. F. Moed, & G. Ruocco (Eds.), *17th International Society of Scientometrics and Informetrics Conference (ISSI2019)* held on 2-5 September 2019, Sapienza University of Rome, Italy: Vol. II (pp. 2716–2717) https://www.issi-society.org/proceedings/issi_2019/ISSI%202019%20-%20Proceedings%20VOLUME%20II.pdf

Conference presentations

- Dagienė, E. (2024, October 9). Open identities in book peer review in Lithuania: Practices, challenges, and controversies [Oral presentation]. *MOHXLund 2024: The Making of the Humanities XI, Lund University*. <https://www.historyofhumanities.org/wp-content/uploads/2024/06/Provisional-programme-MoHXL.pdf>
- Dagienė, E. (2024, July 16). Preserving Open Peer Review for Books: A Study of Lithuanian Persistence [Oral presentation]. *EASST-4S 2024 Amsterdam: Making and Doing Transformations, Amsterdam, The Netherlands*. <https://www.easst4s2024.net/>
- Dagienė, E. (2022, May 5). Policy dynamics in research evaluation: Navigating in unpredictable environment [Oral presentation]. *REvaluation Conference 2021|22, Vienna, Austria*. <https://fteval.at/en/die-revaluation-conference-wird-von-5-6-mai-im-techgate-in-wien-stattfinden/>
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- Dagienė, E. (2020, August 18). Lithuanian Researchers and Policymakers Regarding the Inclusion into Global Knowledge Production: The Publishing of Books [Oral presentation]. *EASST-4S virPrague 2020 “Locating and Timing Matters: Significance and Agency of STS in Emerging Worlds”, virtual*. <https://easst.net/easst-review/392/navigating-4s-easst-2020-virprague-conference/>

Datasets

- Dagienė, E. (2023). The metadata of books submitted as research outputs to REF 2014 and REF 2021 [dataset]. Zenodo. <https://doi.org/10.5281/zenodo.10071003>
- Dagienė, E. (2023). The metadata of books submitted as research outputs to annual Lithuanian research assessments from 2008 to 2020 [dataset]. Zenodo. <https://doi.org/10.5281/zenodo.10070933>

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- Dagienė E. (11 June 2024), Une portée mondiale, des informations locales: L'utilisation des ISBN pour cartographier le comportement des éditeurs. *Alire*. [[blog entry](#)].
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- Dagienė E. (15 December 2021), Kas ketvirtas doktorantas palieka studijas – kiek dar tylėsime? [One in four PhD students drops out: How long will we remain silent?]. *Bernardinai.lt*. [[opinion](#)]
- Dagienė E., Qianqian Xie (8 March 2021). Visualising quantitative data with VOSviewer will widen your research projects. *Leiden Madtrics* [[blog entry](#)]
- Dagienė E. (18 November 2020). Do not assess books by their publishers. *Leiden Madtrics* [[blog entry](#)]
- Dagienė E. (11 May 2020). The bright side of the lockdown: the experience of conducting PhD studies remotely. *Leiden Madtrics* [[blog entry](#)]