

# Amin Erfanmanesh

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## Education

<b>PhD in Information Science</b> <i>University of Malaya, Malaysia</i>	<b>2008-2012</b>
<b>MA in Information Management</b> <i>Shiraz University, Iran</i>	<b>2006-2008</b>
<b>BA in Library and Information Science</b> <i>Shiraz University, Iran</i>	<b>2002-2006</b>

## Work Experience

**Senior Policy & Research Analyst** **July 2019 - Present**  
*Maritime Provinces Higher Education Commission (MPHEC), Fredericton NB, Canada*

### Responsibilities:

- ✓ Directed strategic planning for the Data and Research team, aligning research initiatives with organizational policy goals and delivering data insights to support academic and program development.
- ✓ Led MPHEC Graduate Outcomes Surveys, producing data that keep the region up to date on pathways and outcomes of Maritime university bachelor's graduates.
- ✓ Analyzed complex datasets to identify trends and generate actionable insights for policy decisions on post-secondary outcomes across the Maritime region.
- ✓ Produces over 20 analytical outputs, including reports, infographics, and interactive visualizations, showcasing pathways and outcomes of post-secondary students in the Maritimes.
- ✓ Responded to data requests from stakeholders, university registrars, and institutional researchers, providing timely evidence-based insights.

**Senior Lecturer** **September 2018 - June 2019**  
*Department of Information Science, Faculty of Computer Science & IT, University of Malaya, Malaysia*

### Responsibilities:

- ✓ Delivered graduate-level courses on research data management, bibliometrics, and scientific publishing, fostering advanced skills in research evaluation among students.
- ✓ Published research in high-impact journals, significantly contributing to the field of research evaluation and metrics.
- ✓ Organized national workshops on "Bibliometrics and Scientometrics for Research Evaluation," advancing academic and institutional understanding of metric-based evaluation practices.

**Assistant Professor** **September 2016 - Aug 2018**  
*Department of Library and Information Science, University of Isfahan, Iran*

### Responsibilities:

- ✓ Taught undergraduate and graduate-level courses.
- ✓ Conducted and published research in high-impact scholarly journals.

- ✓ Played a key role in departmental academic planning and curriculum development, ensuring program relevance and quality.
- ✓ Supervised master's theses, providing mentorship and guidance to graduate students in research methodologies and scholarly writing.

#### **Assistant Professor**

**September 2013 - Aug 2016**

*Department of Library and Information Science, Shahid Beheshti University, Iran*

#### Responsibilities:

- ✓ Taught undergraduate and graduate-level courses.
- ✓ Conducted and published research in high-impact scholarly journals.
- ✓ Played a key role in departmental academic planning and curriculum development, ensuring program relevance and quality.
- ✓ Supervised master's theses, providing mentorship and guidance to graduate students in research methodologies and scholarly writing.

#### **Postdoctoral Researcher**

**September 2012-August 2013**

*Department of Information Science, Faculty of Computer Science & IT, University of Malaya, Malaysia*

- ✓ Investigated research collaboration networks and science mapping and published findings that contributed to the field of research evaluation and metrics.

#### **Research Interests**

- ✓ Research policy, evaluation and metrics
- ✓ Research productivity, impact and collaboration
- ✓ Institutional research assessment and benchmarking
- ✓ Science mapping and visualization
- ✓ Science communication and societal impact of research
- ✓ Scholarly communication and scientific publishing
- ✓ Research data management and open science
- ✓ Diversity, equity, and inclusion in research
- ✓ Responsible research practices and metrics
- ✓ Research ethics and integrity
- ✓ University ranking systems

#### **Courses Taught (2013-2019)**

- ✓ Research methodology for LIS students
- ✓ Statistics in social sciences
- ✓ Bibliometrics and scientific publishing
- ✓ Scholarly communication
- ✓ Research data management
- ✓ Information visualization
- ✓ Knowledge management
- ✓ Introduction to library and information science
- ✓ Data literacy and information skills
- ✓ Introduction to scientometrics

### Technical skills:

- ✓ Research evaluation and metrics
- ✓ Research strategy development
- ✓ Compliance and ethics in research
- ✓ Research data management
- ✓ Scientific publishing
- ✓ Quantitative and qualitative research methods
- ✓ Descriptive and inferential statistics
- ✓ Knowledge translation and dissemination

### Soft skills:

- ✓ Project management
- ✓ Analytical skills
- ✓ Writing and communication skills
- ✓ Adaptability and innovation
- ✓ Collaboration and teamwork
- ✓ Critical thinking
- ✓ Mentorship
- ✓ Problem solving

### Software Skills

- ✓ Data and visual analytics (MS Excel, Tableau, R.)
- ✓ Database management (MS Access, SQL Server Management Studio)
- ✓ Programming languages (R.)
- ✓ Statistical packages (SPSS)
- ✓ Qualitative data analysis (NVivo)
- ✓ Social network analysis (UCInet, Gephi, Pajak)
- ✓ Text mining software (Rapid Miner)
- ✓ Scientometric software and analytical tools (VOSviewer, CitNet Explorer, Cite Space, InCites, SciVal, JCR, ESI)
- ✓ Citation databases (Web of Science, Scopus, Google Scholar, Dimensions)
- ✓ Altmetric analytical tools (Altmetric Explorer, Plum Analytics, Impact Story)
- ✓ Data repositories and data management platforms (Dspace, Dataverse, Pure)

### MPHEC Publications

- ✓ Employment profile of Maritime university first-degree holders. Fredericton, NB; Forthcoming.
- ✓ Trends in Maritime higher education. The Class of 2020: Profile of first-degree holders and methodological notes. Volume 22, Number 3. Fredericton, NB; Forthcoming.
- ✓ Profile, employment outcomes, and retention of Maritime university bachelor's graduates: Education. Fredericton, NB; Forthcoming.
- ✓ Profile, employment outcomes, and retention of Maritime university bachelor's graduates: Education. Fredericton, NB; March 2024.
- ✓ Profile, employment outcomes, and retention of Maritime university bachelor's graduates: Nursing. Fredericton, NB; February 2024.
- ✓ Trends in Maritime higher education. The Class of 2020 in 2022: Post-graduation pathways of first-degree holders. Volume 21, Number 1. Fredericton, NB; January 2024.
- ✓ Class of 2020: Borrowing and debt two years after graduation. Volume 20, Number 4. Fredericton, NB; November 2023.
- ✓ Employment profile of Maritime university first-degree holders. Fredericton, NB; April 2023.
- ✓ Trends in Maritime higher education. The Class of 2020: Profile of first-degree holders and methodological notes. Volume 20, Number 3. Fredericton, NB; March 2023.
- ✓ Trends in Maritime higher education. The first-year university student population in the Maritimes: 2018-2019 and 2021-2022. Volume 19, Number 4, Fredericton, NB; December 2022.
- ✓ Trends in Maritime higher education. International students in Maritime universities 2010-2011 to 2020-2021. Volume 19, Number 3, Fredericton, NB; October 2022.

- ✓ The Class of 2020 Atlantic university graduates, two years on. Fredericton, NB; July 2023.
- ✓ Trends in Maritime Higher Education. The Class of 2018 in 2020: The university experience of recent bachelor's graduates. Volume 19, Number 2, Fredericton, NB; June 2022.
- ✓ Interactive graph: Graduate employment by sector, Fredericton, NB; May 2022.
- ✓ Trends in Maritime Higher Education. Annual digest: University enrollment 2020-2021. Volume 19, Number 1, Fredericton, NB; January 2022.
- ✓ Employment outcomes of master's and doctoral degree graduates of Maritime universities. Fredericton, NB; January 2022.
- ✓ Master's and doctoral degree graduates of Maritime universities: Where were they living and what were they doing?. Fredericton, NB; November 2021.
- ✓ Learning Outside the Classroom: Examining work-integrated learning experiences of recent university graduates. Fredericton, NB; September 2021.
- ✓ Class of 2018 Maritime university graduates' employment profile. Fredericton, NB; May 2021.
- ✓ Trends in Maritime higher education. The Class of 2018 in 2020: Profile of first-degree holders and methodological notes. Volume 18, Number 3, Fredericton, NB; April 2021.
- ✓ Trends in Maritime higher education. Annual digest: University enrollment 2019-2020. Volume 18, Number 1, Fredericton, NB; January 2021.
- ✓ Trends in Maritime higher education. Class of 2012 Maritime university graduates: Borrowing and debt six years after graduation. Volume 17, Number 3, Fredericton, NB; December 2020.
- ✓ Trends in Maritime higher education. The Class of 2012 six years on: Pursuing education after a first degree. Volume 17, Number 2, Fredericton, NB; June 2020.
- ✓ Student progression in the Maritime university system: Time-to-degree. Fredericton, NB; February 2020.
- ✓ Student progression in the Maritime university system: Persistence and graduation. Fredericton, NB; October 2019.

### **Selected Peer-reviewed Journal Papers**

- ✓ Teixeira da-Silva, J.A. & Erfanmanesh, M. (2021). Errata and retractions associated with research papers published by authors with Hungarian affiliation. *European Science Editing*, 47. doi:10.3897/ese.2021.e60203.
- ✓ Teixeira da-Silva, J.A., Tsigaris, P. & Erfanmanesh, M. (2021). Publishing volumes in major databases related to Covid-19. *Scientometrics*, 126(1), 831-842. doi:10.1007/s11192-020-03675-3.
- ✓ Erfanmanesh, M. & Morovati, M. (2020). Retraction of scholarly publications and instances of research misbehaviour. *The Journal of Ethics in Science & Technology*, 15(4), 62-69.
- ✓ Erfanmanesh, M., Abrizah, A. & Noorhidawati, A. (2019). What can Bookmetrix tell us about the impact of Springer Natures' books. *Scientometrics*, 121(1), 521-536. doi:10.1007/s11192-019-03198-6.
- ✓ Erfanmanesh, M. (2019). Quantitative portrait of open access mega-journals. *Malaysian Journal of Library & Information Science*. 24(2), 115-131. doi:10.22452/mjlis.vol24no2.7.
- ✓ Erfanmanesh, M. & Teixeira da-Silva, J.A. (2019). Is the soundness-only quality control policy of open access mega journals linked to a higher rate of published errors? *Scientometrics*, 120(2), 917-923. doi:10.1007/s11192-019-03153-5.
- ✓ Erfanmanesh, M. & Moghiseh, Z. (2019). How winning an international scientific award affects publishing behavior of laureates: The case of Derek de Solla Price Medal in scientometrics. *Publishing Research Quarterly*, 35(2), 201-212. doi:10.1007/s12109-018-9619-7.

- ✓ Erfanmanesh, M. & Morovati, M. (2019). Published errors and errata in Library and Information Science journals. *Collection & Curation*, 38(3), 61-67. doi:10.1108/cc-12-2018-0024.
- ✓ Erfanmanesh, M., Hamzei, R. & Rajabzadeh Assarha, A. (2019). Suppression of scholarly journals: A case study of Journal Citation Reports during 2010 to 2014. *Library & Information Science*, 22(2), 124-143.
- ✓ Vahed, N., Gavgani, V.Z., Jafarzadeh, R., Tusi, Z. & Erfanmanesh, M. (2018). Visualization of the scholarly output on evidenced-based librarianship: A social network analysis. *Evidence Based Library & Information Practice*, 13(4), 50-69. doi:10.18438/eblip29396.
- ✓ Erfanmanesh, M. & Abrizah, A. (2018). Mapping the world-wide research on the Internet of Things during 2011-2016. *The Electronic Library*, 36(9), 979-992. doi:10.1108/el-09-2017-0196.
- ✓ Erfanmanesh, M. & Abrizah, A. (2018). International contributions to the system of scholarly communication in Iran. *Serials Review*, 44(2), 86-97. doi:10.1080/00987913.2018.1471319.
- ✓ Erfanmanesh, M. (2018). Interlocking editorships in scientific journals. *Science & Engineering Ethics*, 24(5), 1665-1667. doi:10.1007/s11948-017-9971-6.
- ✓ Erfanmanesh, M. (2018). Highly-cited articles in Library and Information Science. *Webology*, 14(2), 1-12.
- ✓ Erfanmanesh, M., Hosseini, E. (2018). Measuring research: What everyone needs to know (Book Review). *Information Research*, 23(2).
- ✓ Erfanmanesh, M. & Moghiseh, Z. (2018). Open access mega-journals: The case study of characteristics and performance of eight international mega-journals. *Information Processing & Management*, 34(2), 793-816.
- ✓ Erfanmanesh, M. & Hosseini, E. (2018). An introduction to bibliometrics: New developments and trends (Book Review). *Information Research*, 23(1).
- ✓ Erfanmanesh, M. (2017). Status and quality of open-access journals in Scopus. *Collection Building*, 36(4), 155-162. doi:10.1108/CB-02-2017-0007.
- ✓ Erfanmanesh, M., Abrizah, A. & Tahira, M. (2017). The Publication success of 102 nations and the performance of their Scopus-indexed journals. *Publishing Research Quarterly*, 33(4), 421-432. doi:10.1007/s12109-017-9549-5.
- ✓ Erfanmanesh, M. & Keshavarzian, S. (2017). Publication delay of scholarly journals: A case for journals accredited by the Ministry of Science, Research and Technology of Iran. *Information Processing & Management*, 33(1), 1-23.
- ✓ Erfanmanesh, M. & Pourhossein, R. (2017). Publishing in predatory open access journals: A case of Iran. *Publishing Research Quarterly*, 33(4), 433-444. doi:10.1007/s12109-017-9547-y.
- ✓ Erfanmanesh, M. & Hosseini, E. (2016). Altmetrics for information professionals: Past, present and the future (Book Review). *Information Research*, 21(4).
- ✓ Erfanmanesh, M. & Hosseini, E. (2016). Meaningful metrics: A 21<sup>st</sup> century librarian's guide to bibliometrics, altmetrics, and research impact (Book Review). *Information Research*. 21(2).
- ✓ Hosseini, E. & Erfanmanesh, M. (2016). Cross-time analysis of countries co-authorship networks in LIS research. *Library Philosophy & Practice*.
- ✓ Erfanmanesh, M. & Hosseini, E. (2015). 10 Years of the International Journal of Information Science and Management: A scientometric and social network analysis study. *International Journal of Information Science & Management*, 13(1), 1-20.
- ✓ Abrizah, A., Erfanmanesh, M., Rohani, V.A., Thelwall, M., Levitt, J.M. & Didegah, F. (2014). Sixty-four years of informetrics research: Productivity, impact and collaboration. *Scientometrics*, 101, 569-585. doi:10.1007/s11192-014-1390-8.

- ✓ Erfanmanesh, M., Abrizah, A. & Asnafi, A. (2014). The role of world countries in 50 years of Library and Information Science research: A scientometric and social network analysis study. *Information Processing & Management*, 29(2), 535-566.
- ✓ Erfanmanesh, M. & Didegah, F. (2013). A comparison of Web of Science and Scopus for Iranian publications and citation impact. *International Journal of Information Science & Management*, 11(1): 11-27.
- ✓ Erfanmanesh, M., Basirian, R., Hosseini, E. & Gholamhosseinzadeh, Z. (2013). Scientific productivity, impact and collaboration of the top Asian countries in Scopus during 1996-2010. *Collnet Journal of Scientometrics & Information Management*, 7(1), 97-110. doi:10.1080/09737766.2013.802632.
- ✓ Abrizah, A., Kiran, K., Erfanmanesh, M., Zohoorian, N. & Zainab, A.N. (2012). A bibliometric study on the worldwide research productivity of scientists in palm oil. *Journal of Pal Oil Research*, 24(3), 1459-1472.
- ✓ Erfanmanesh, M., Rohani, V. & Abrizah, A. (2012). Co-authorship network of scientometrics research collaboration. *Malaysian Journal of Library & Information Science*, 17(3), 73-93.
- ✓ Erfanmanesh, M. & Didegah, F. (2011). Visibility and impact of Iranian research institutions on the Web. *Library Hi Tech News*, 28(1): 5-9. doi:10.1108/07419051111130367.
- ✓ Didegah, F. & Erfanmanesh, M. (2010). The study of Malaysian public universities' performance on the World Wide Web. *Library Hi Tech News*, 27(3), 7-10. doi:10.1108/07419051011070635.
- ✓ Erfanmanesh, M., Didegah, F. & Omidvar, S. (2010). Research productivity and impact of Library and Information Science in WoS. *Malaysian Journal of Library & Information Science*, 15(3): 85-95.

### **Selected Conference Presentations**

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- ✓ Erfanmanesh, M., Abrizah, A. (2021). Metrics of societal impact for Library and Information Science journals and correlation with traditional metrics of scientific impact. 18<sup>th</sup> International Conference on Scientometrics and Informetrics. 12-15 July, Leuven, Belgium.
- ✓ Erfanmanesh, M., Fooladian, N. & Abrizah, A. (2019). *The ASEAN University Network research performance: A meso-level scientometric assessment*. 17<sup>th</sup> International Conference on Scientometrics and Informetrics. 2-5 September, Rome, Italy.
- ✓ Erfanmanesh, M. (2019). *Disciplinary differences in publication and citation advantage of open access journals in Scopus*. International Conference on Libraries, Information and Society. 18-19 April, Malacca, Malaysia.
- ✓ Vahed, N., Gavvani, V.Z., Erfanmanesh, M. & Tusi, Z. (2018). *Visualization of scientific collaboration in evidence-based librarianship: A social network analysis study*. 10<sup>th</sup> Biennial Joanna Briggs Institute Colloquium. 2-4 May, Antwerp, Belgium.
- ✓ Erfanmanesh, M. & Alperin, J.P. (2017). *Twitter audiences overlap in informetrics research*. Altmetrics17: The dependencies of altmetrics. 26 September, Toronto, Canada.
- ✓ Erfanmanesh, M., Hosseini, E. & Habibi, S. (2017). Investigation of 45 million tweets about scholarly papers on Twitter. 16<sup>th</sup> International Conference on Scientometrics and Informetrics. 16-20 October, Wuhan, China.
- ✓ Erfanmanesh, M. & Hosseini, E. (2016). *Using social network analysis to visualize Library and Information Science research*. International Conference on Soft Engineering and Information Management. 2-3 February, Kuala Lumpur, Malaysia.
- ✓ Erfanmanesh, M. & Hosseini, E. (2015). *Fifty years of Library and Information Science research: A cross-time analysis of countries collaboration network*. 11<sup>th</sup> International Conference on Webometrics, Informetrics and Scientometrics (WIS). 26-28 November, Delhi, India.

## Master's Theses Supervised

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- ✓ Supervised and co-supervised 12 master's theses at universities in Iran and Malaysia.

## Selected Awards and Scholarships

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- ✓ Listed in Elsevier/Stanford University's list of the "World's Top 2% Scientists" in 2022 (ranked 152) and 2023 (ranked 207).
- ✓ Visiting Researcher Scholarship, Stellenbosch University, South Africa, 2018.
- ✓ Visiting Researcher Scholarship, Simon Fraser University, Canada, 2017.
- ✓ Postdoctoral Scholarship, Ministry of Higher Education, Malaysia, 2012-2013.
- ✓ PhD scholarship, University of Malaya, Malaysia, 2009-2011.

## Editorial Roles and Peer-review Experience

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- ✓ Editorial Board Member, Malaysian Journal of Library and Information Science, 2019-2021.
- ✓ Editorial Board Member, Academic Librarianship and Information Research, 2024- .
- ✓ Peer Reviewer for the following journals, 2012-2025.
  - *Scientometrics, Quantitative Science Studies, Research Evaluation, Journal of Altmetrics, Journal of the Association for Information Science and Technology (JASIST), Malaysian Journal of Library and Information Science, Library Hi-tech, and Information Processing and Management*