

The transformation of science systems in the Middle East and North Africa El Ouahi, J.

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Scientometrics originate from the analysis of scientific publications, the most popular ways for disseminating scientific information within the scientific community. With the increasing use of scientometric data in research management and research evaluation, various analyses can be conducted to better understand different aspects of scientific activities. On the one hand, the analysis of scientific publications from the Middle East and North Africa region opens up a range of possibilities to characterize its science systems. Large-scale analyses of bibliographic metadata capture the stories of how the scientific workforce is connected, funded, and mobile within diverse science systems. On the other hand, scientometric data is also used as a guide to transform the science systems. The main objective of this dissertation is to better understand recent science systems changes in the Middle East and North Africa by examining several of their facets and their recent evolution.

CWTS

The Centre for Science and Technology Studies (CWTS) is an interdisciplinary research institute at Leiden University. CWTS researchers study the research system and its connections to society. This research, along with evaluation expertise and longstanding experience with scientometric databases and tools, offers a solid basis for supporting research assessment and developing science policy.

The mission of CWTS is to improve how science is practiced and governed and how it serves society. To realize this mission, the aim is to develop a deep understanding of the dynamics of scientific knowledge production, based on in-depth engagement with a broad range of scientific and societal stakeholders. The goal is also to contribute to reforms in research assessment, adoption of open science practices, changes in research cultures, and innovations in research analytics. Moreover, recognizing that CWTS is part of the research system, researchers at CWTS strive to practice what they preach and to lead by example.

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