

NMC Horizon Report > 2014 Library Edition

Key Trends, Significant Challenges, and Emerging Technologies



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Acknowledgements



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Key Trends 2014



FAST TRENDS:

- Increasing Focus on Research Data Management for Publications
- Prioritization of Mobile Content and Delivery

MID-RANGE TRENDS:

- Evolving Nature of the Scholarly Record
- Increasing Accessibility of Research Content

LONG-RANGE TRENDS:

- Continual Progress in Technology, Standards, and Infrastructure
- Rise of New Forms of Multidisciplinary Research

Significant Challenges 2014

A young man with short brown hair, wearing a red, white, and blue plaid shirt over a grey t-shirt, is looking down at a tablet computer he is holding. He is in a library, with bookshelves filled with books visible in the background. The lighting is warm and focused on the man.

SOLVABLE CHALLENGES:

- Embedding Academic and Research Libraries in the Curriculum
- Rethinking the Roles and Skills of Librarians

DIFFICULT CHALLENGES:

- Capturing and Archiving the Digital Outputs of Research as Collection Material
- Competition from Alternative Avenues of Discovery

WICKED CHALLENGES:

- Embracing the Need for Radical Change
- Maintaining Ongoing Integration, Interoperability, and Collaborative Projects

Technologies to Watch 2014



ONE YEAR OR LESS:

- Electronic Publishing
- Mobile Apps

TWO TO THREE YEARS:

- Bibliometrics and Citation Technologies
- Open Content

FOUR TO FIVE YEARS:

- The Internet of Things
- Semantic Web and Linked Data

Discussion Questions

- How can academic and research libraries prepare for and keep pace with trends and technologies that are further off in the distance?
- What kinds of strategies and resources can academic and research libraries develop to start solving the challenges in the report -- while making the solutions scalable?