

ICKM suceg | 2019

*15° International Conference on Knowledge Management
2° Internatoinal Seminar on Corporate Universities and Government Schools*

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HISTORY AND EVOLUTION OF KNOWLEDGE MANAGEMENT: WHAT HAVE WE LEARNED SO FAR?

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University of North Texas

Conference theme: Knowledge Governance, Learning Governance and Governance of Innovation.

KM IS NOT NEW IT IS AS OLD AS ART & CRAFT



MENTORING



APPRENTICESHIP



COMMUNITIES OF PRACTICE

KM PRACTICES

THE RECENT INTEREST IN KM CAN BE ATTRIBUTED TO A NUMBER OF FACTORS

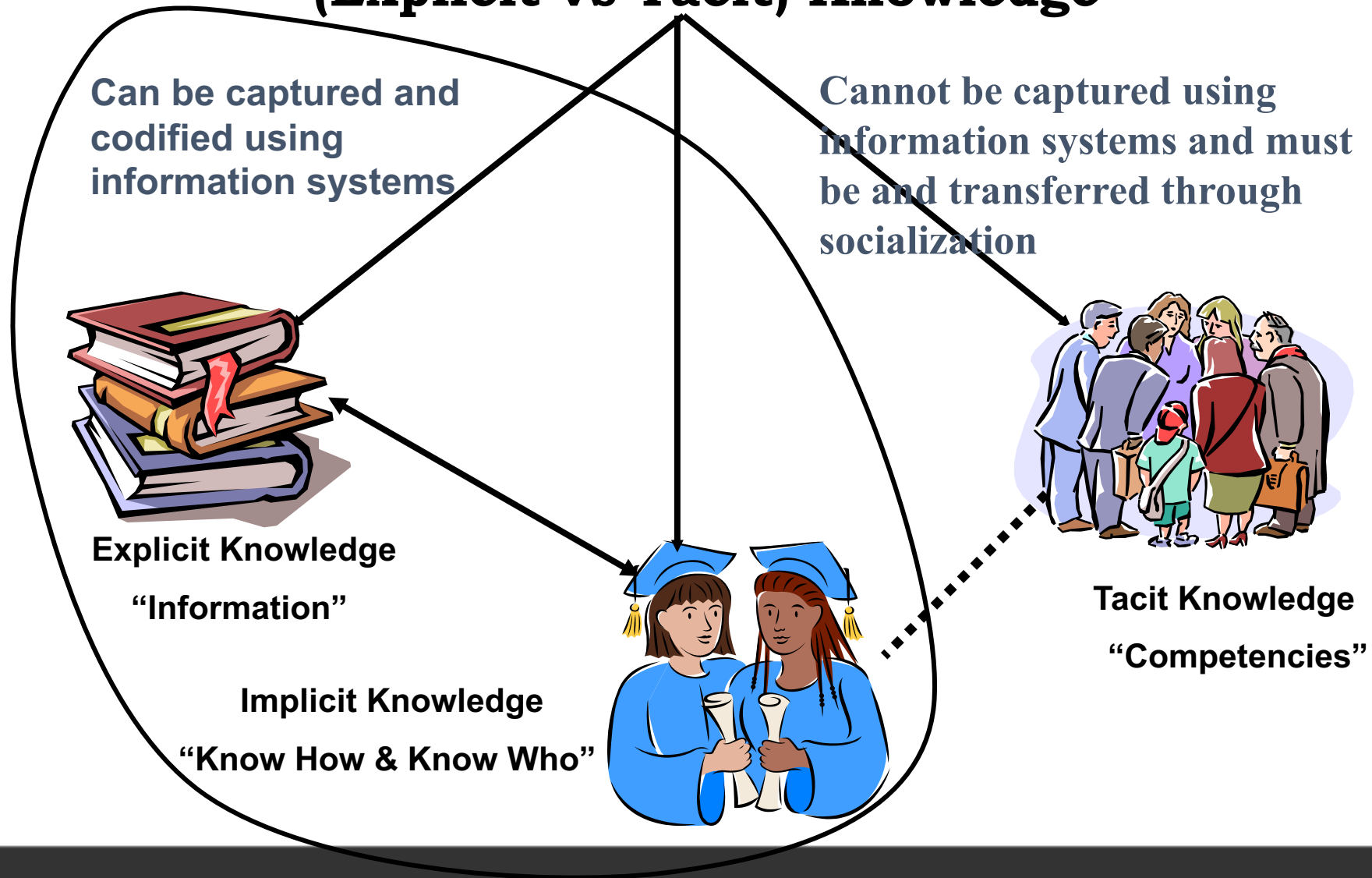
- **Advances in Technology (Internet, E-Commerce, Social Media, Social Networks)**
- **Knowledge Based Economy (Knowledge as a Factor of Growth, Increases Emphasis on Intellectual Capital)**
- **Information Overload (Drowning in Information and Starved for Knowledge)**
- **Maintaining Competitive Advantage (Minimizing Knowledge Loss, Data Analytics, Business Intelligence etc.)**
- **Achieving Organizational efficiency (Improving Knowledge Utilization, Improving Individual and Team Effectiveness, Dismantling Silos and Eliminating Re-Inventing the Wheel Syndrome)**

KM Evolution

- 1956 Kenneth Boulding: The Image: Knowledge in Life and Society
- 1966 Peter Drucker: Knowledge Worker in The Effective Executive
- 1966 Kenneth Boulding: The Economics of Knowledge and the Knowledge of Economics
- 1969 Peter Drucker: Knowledge Worker in The Age of Discontinuity
- 1970s AI Promises: Expert Systems to automate knowledge processes
- 1985 Arthur D. Little: Knowledge Management and Applied AI
- 1986 Böhme & Stehr: The Knowledge Society
- 1987 Sveiby & Lloyd: Managing Know how
- 1990 Peter Senge: The Fifth Discipline (Learning Organization)
- 1995 Nonaka & Takeuchi: The Knowledge Creating Company
- 2001 Hawamdeh and Hart: Information and Knowledge Society
- 2003 Suliman Hawamdeh: Knowledge Management: Cultivating Knowledge Professionals
- 2005, 2011, 2017 Kimiz Dalkir: Knowledge Management in Theory and Practice Book by
- 2005, 2009, 2013 Hislop, Bosua and Helms: Knowledge Management in Organizations: A critical introduction
- 2017 Stan Garfield: Proven Practices for Promoting a Knowledge Management Program
- 2017 Anthony Rhem: Knowledge Management in Practice

What is KM

(Explicit vs Tacit) Knowledge



What Is Not KM Per Se!

information management

document management

content management

application of information Technology

social media or social network analysis

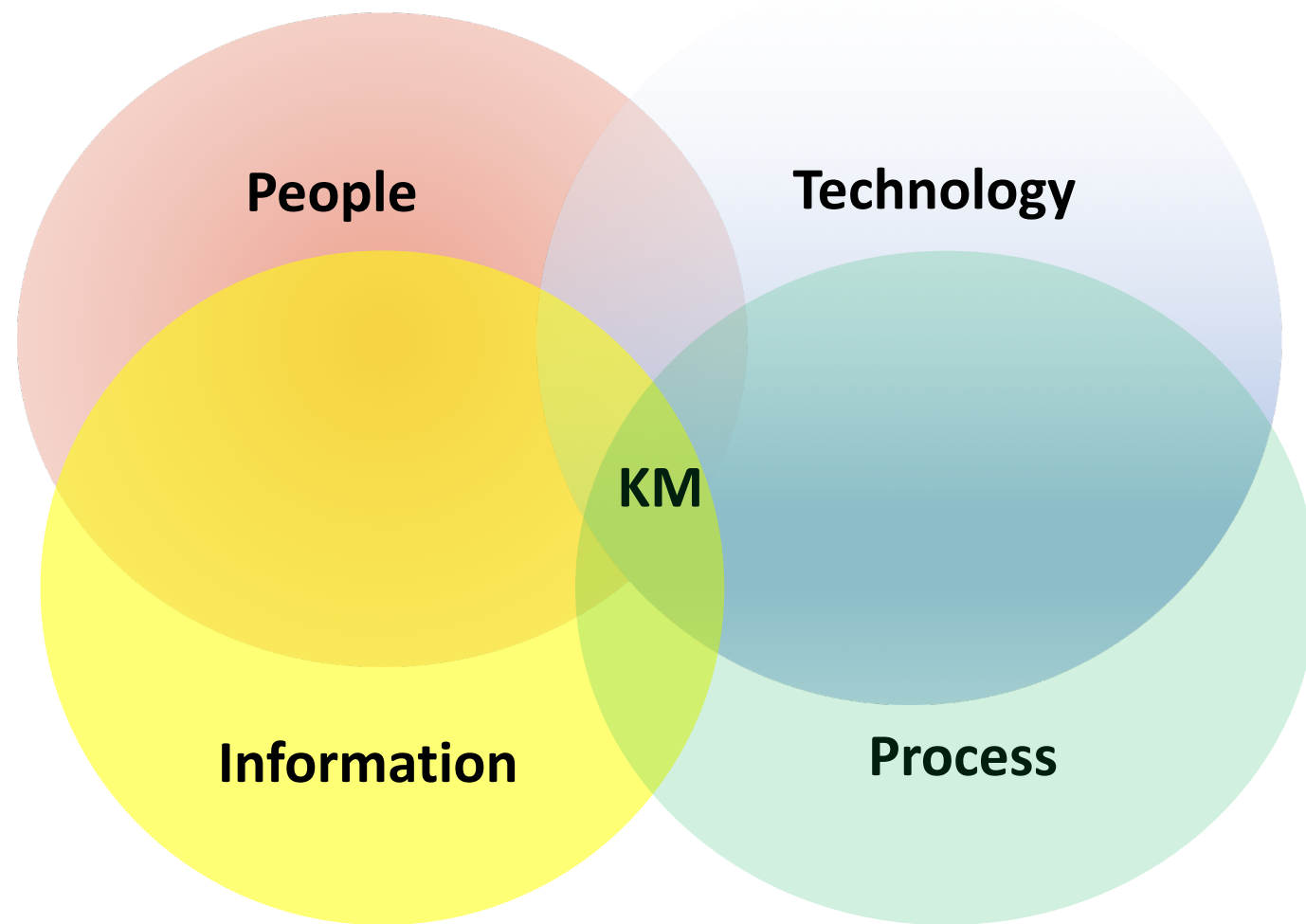
quality management

computer Science

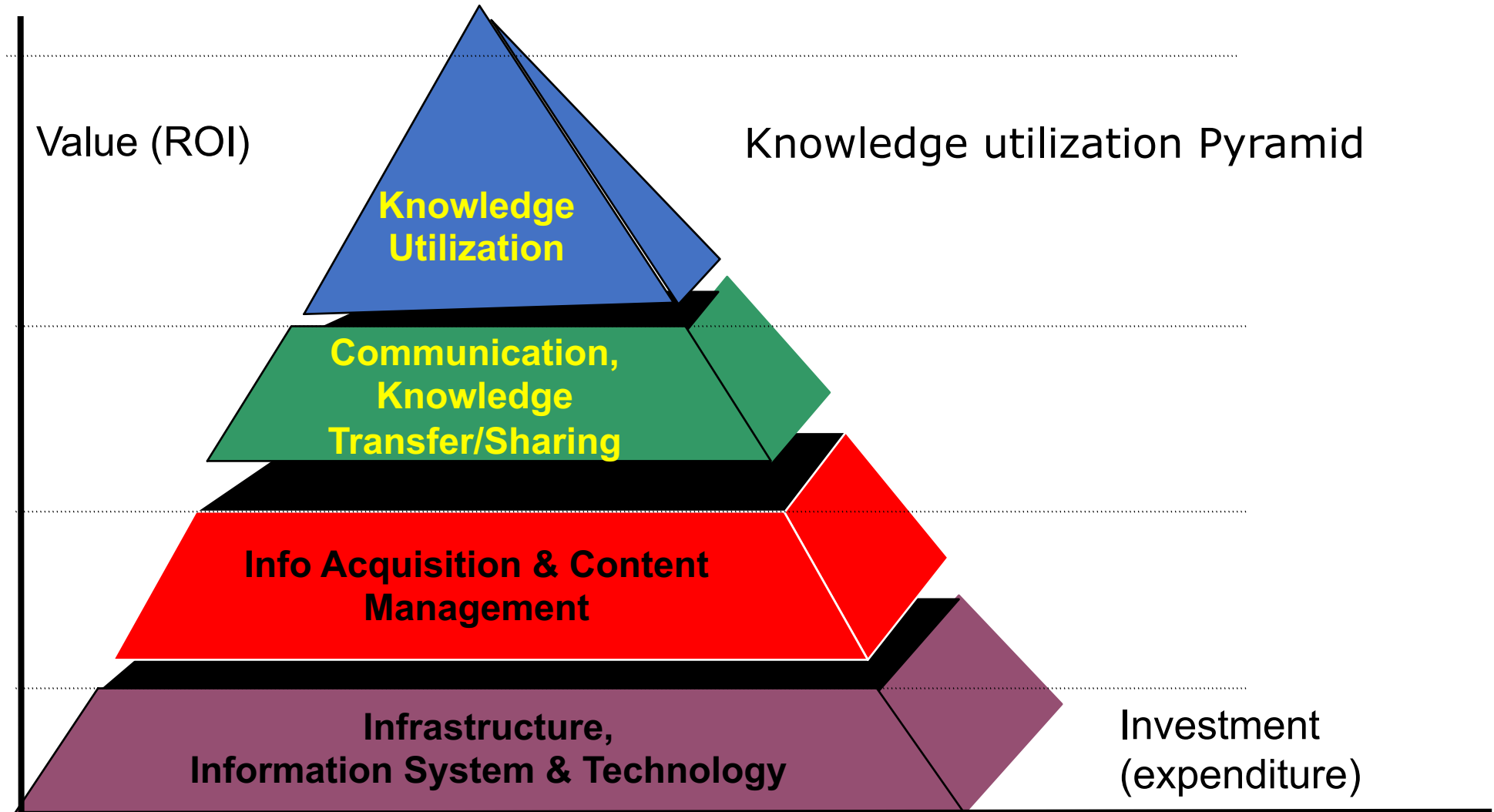
library Science

business intelligence

KM is the Interplay of



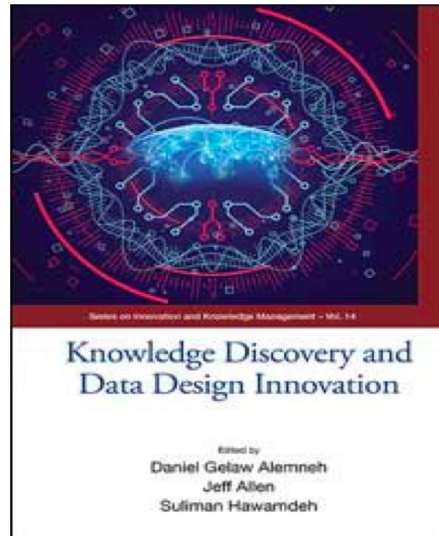
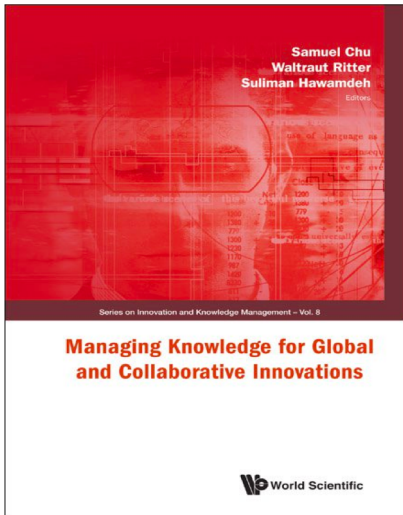
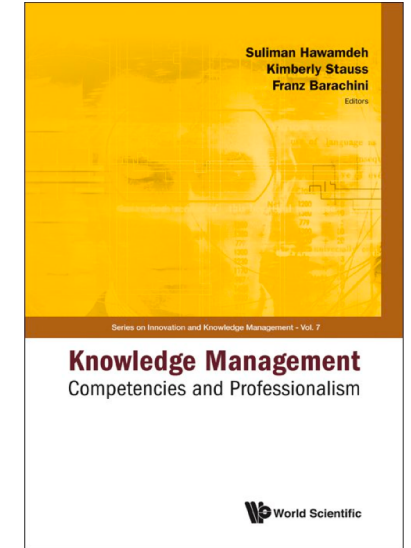
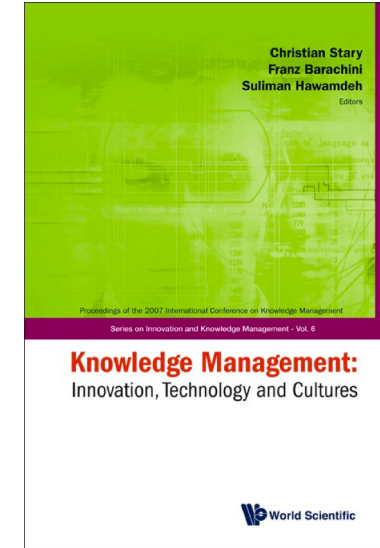
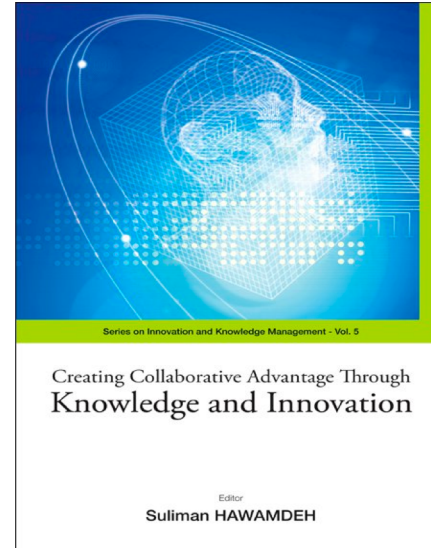
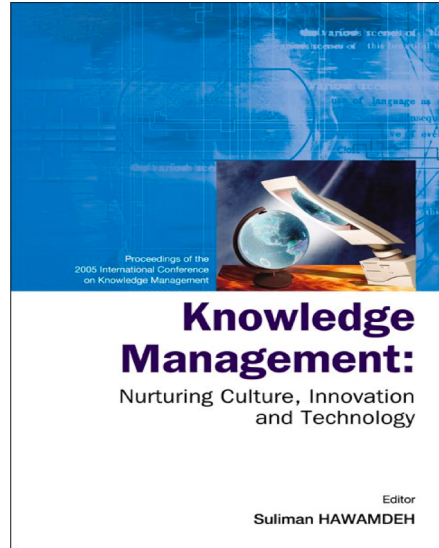
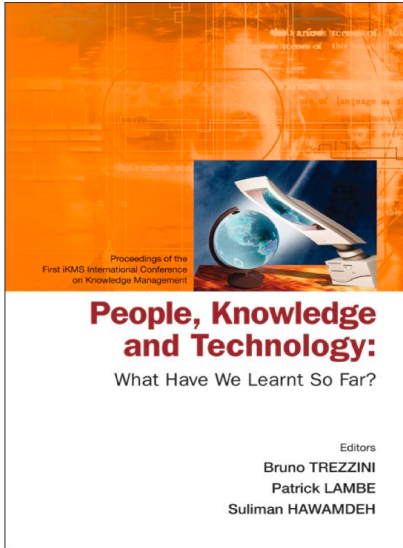
WHY DO WE NEED KM?



Source: Hawamdeh S. (2003) Knowledge Management: Cultivating Knowledge Professionals. Oxford: Chandos Publishing

The ICKM Journey: What Have We done?

- 1999 Started the Information and Knowledge Management Society in Singapore (iKMS)
- 2001 Founded the Journal of Information and Knowledge Management (JIKM)
- 2004 Founded the International Conference on Knowledge Management
 - ICKM 2004 Singapore (People, Knowledge and Technology)
 - ICKM 2005 Charlotte North Carolina (Nurturing Culture, Innovation, and Technology)
 - ICKM 2006 London England (Creating Collaborative Advantage through Knowledge and Innovation)
 - ICKM 2007, Vienna, Austria (Knowledge Management Innovation, Technology and People)
 - ICKM 2008 Columbus Ohio (Knowledge Management, Competencies and Professionalism)
 - ICKM 2009 Hong Kong (Managing Knowledge for Global and Collaborative Environment)
 - ICKM 2010 Pittsburgh, USA
 - ICKM 2012 Johannesburg, South Africa. <https://www.youtube.com/watch?v=l6k2ZWYzf8I>
 - ICKM 2013 Montreal, Canada (Knowledge Management Metric, Performance Measurement; Capacity Building and Certifications.)
 - ICKM 2014 Antalya, Turkey (Innovation, Knowledge Discovery & Technology Management)
 - ICKM 2015 Osaka, Japan (Cognition and Creativeness of Innovative Knowledge)
 - ICKM 2016 Vienna, Austria (Art, Craft and Sciences)
 - ICKM 2017 Dallas, Texas (Big Data in the Big D)
 - ICKM 2018 Vancouver, Canada (A Profession and Discipline of Action)
 - ICKM 2019 Florianópolis, Brazil (Knowledge, Learning, and Innovation Governance)



ICKM Proceedings in the form of selected papers published as edited books part of the book series on Innovation and Knowledge Management. The book series is published by World Scientific

What Have We Learn So Far?

Lesson #1 KM is Still Here & Alive?

In 1997, Karl Wiig Wrote “Similarly to what happens to other management directions that prove vital to enterprise viability, we can expect that KM — as an explicit and primarily stand alone management initiative — **will disappear from view within a decade or two.**”

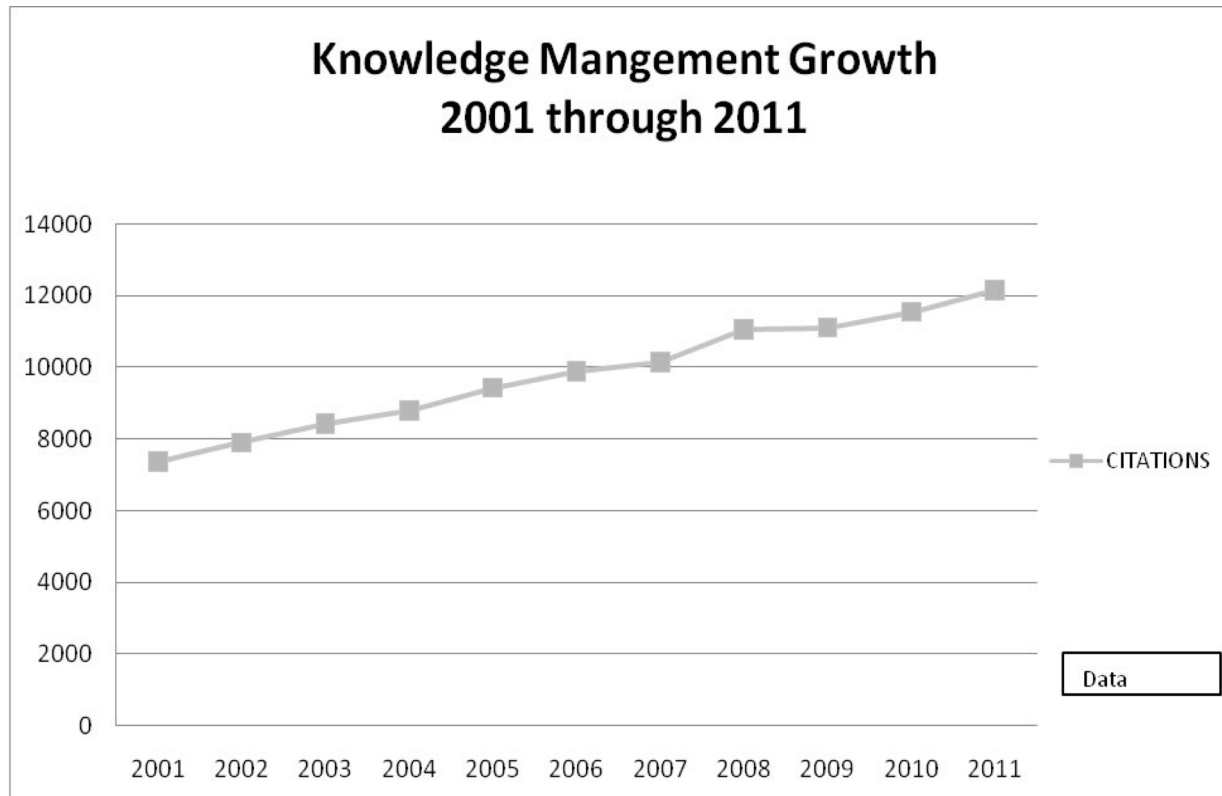
In 2002, a special issue on Knowledge Management – the Emperor’s new clothes?
Edited by Suliman Al-Hawamdeh and T.D. Wilson (2002).

Tom published a paper [The nonsense of knowledge management](#)

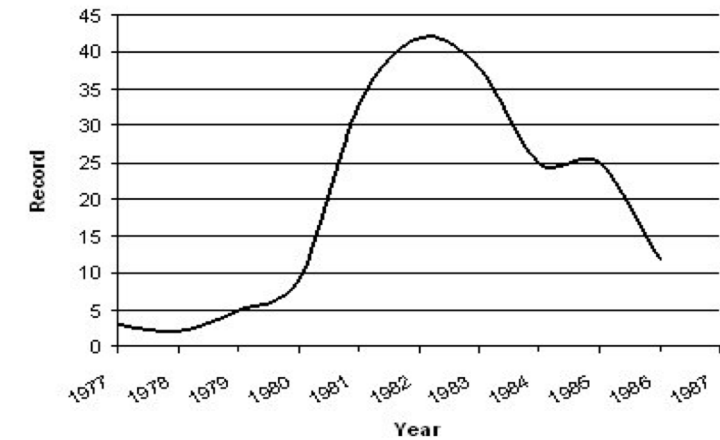
Arguing that KM is nothing but a new name for information management

In 2008, Patrick Lambe [interviewed Dave Snowden and Larry Prusak](#) in Kuala Lumpur on
The topic **“Is Knowledge Management Dead?”**. <https://vimeo.com/86950879>

Lesson # 2 KM is not a FAD

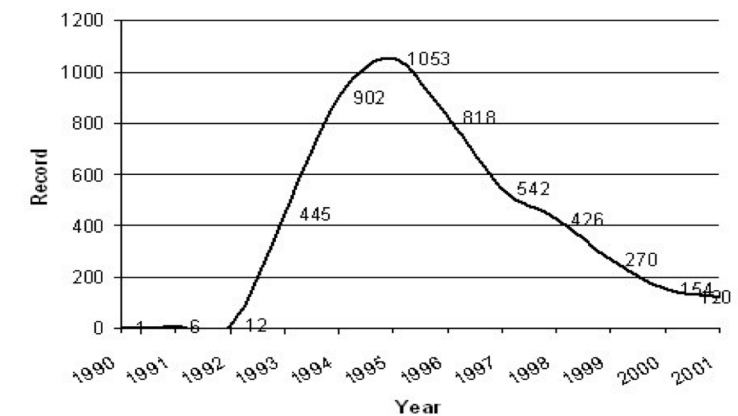


KM World 2018 by [Michael E. D. Koenig](#)



Quality Circles, 1977-1986

Source: Abrahamson ,1996



Business Process Reengineering, 1990-2001

Source: Ponzi & Koenig, 2002

Lesson # 3. KM Research & publications Continue to Grow

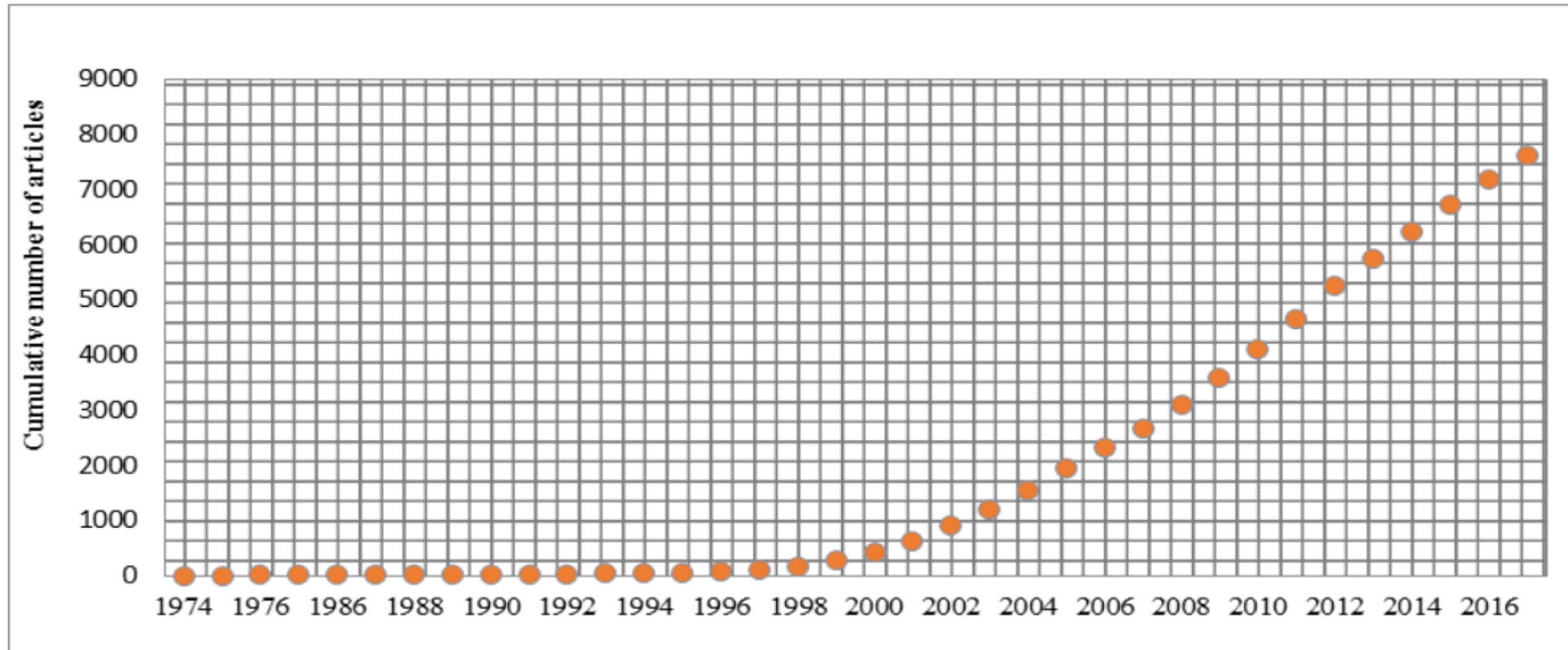
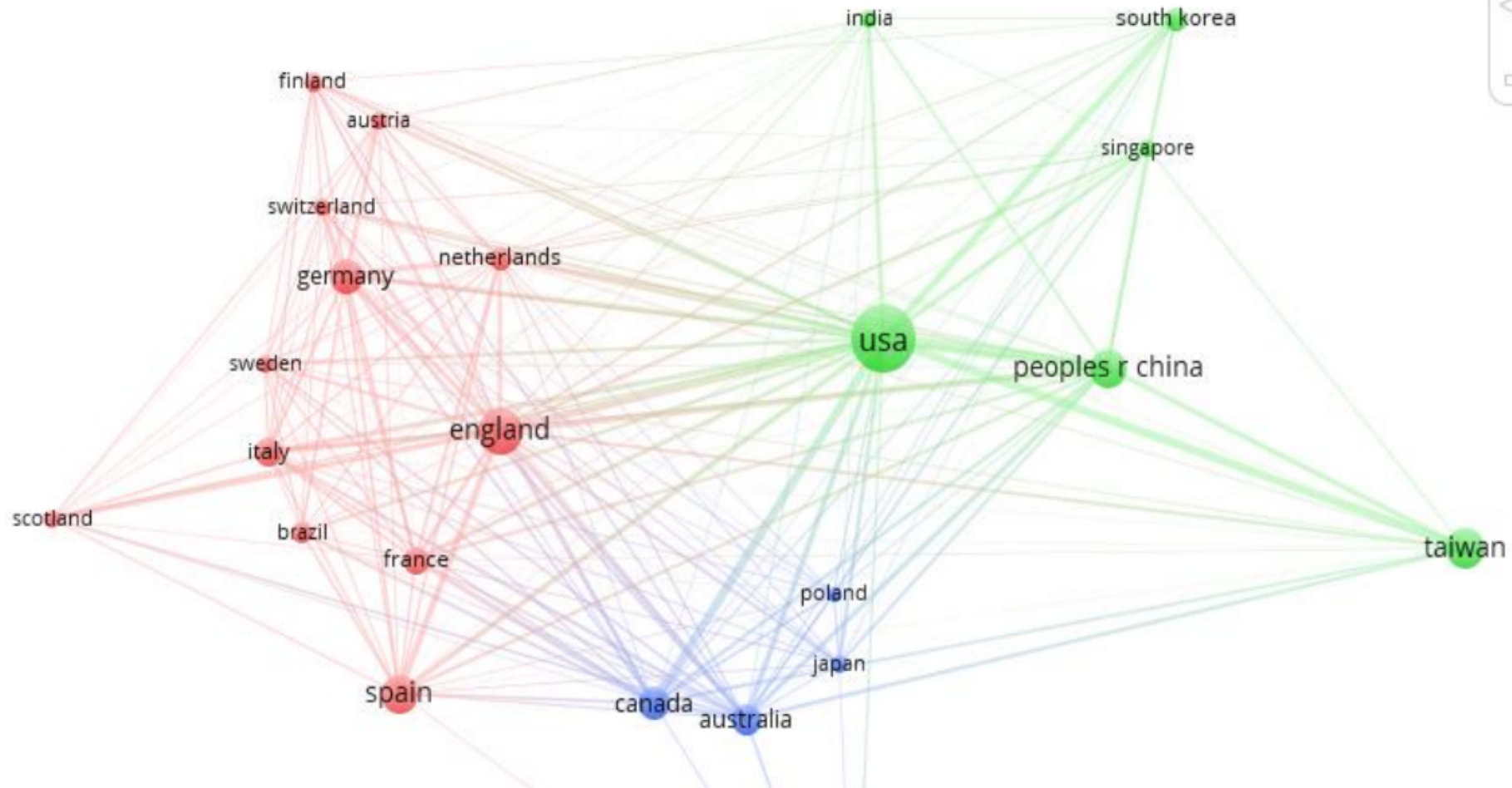


Figure 2. Cumulative growth in knowledge management publications, 1974–2017.

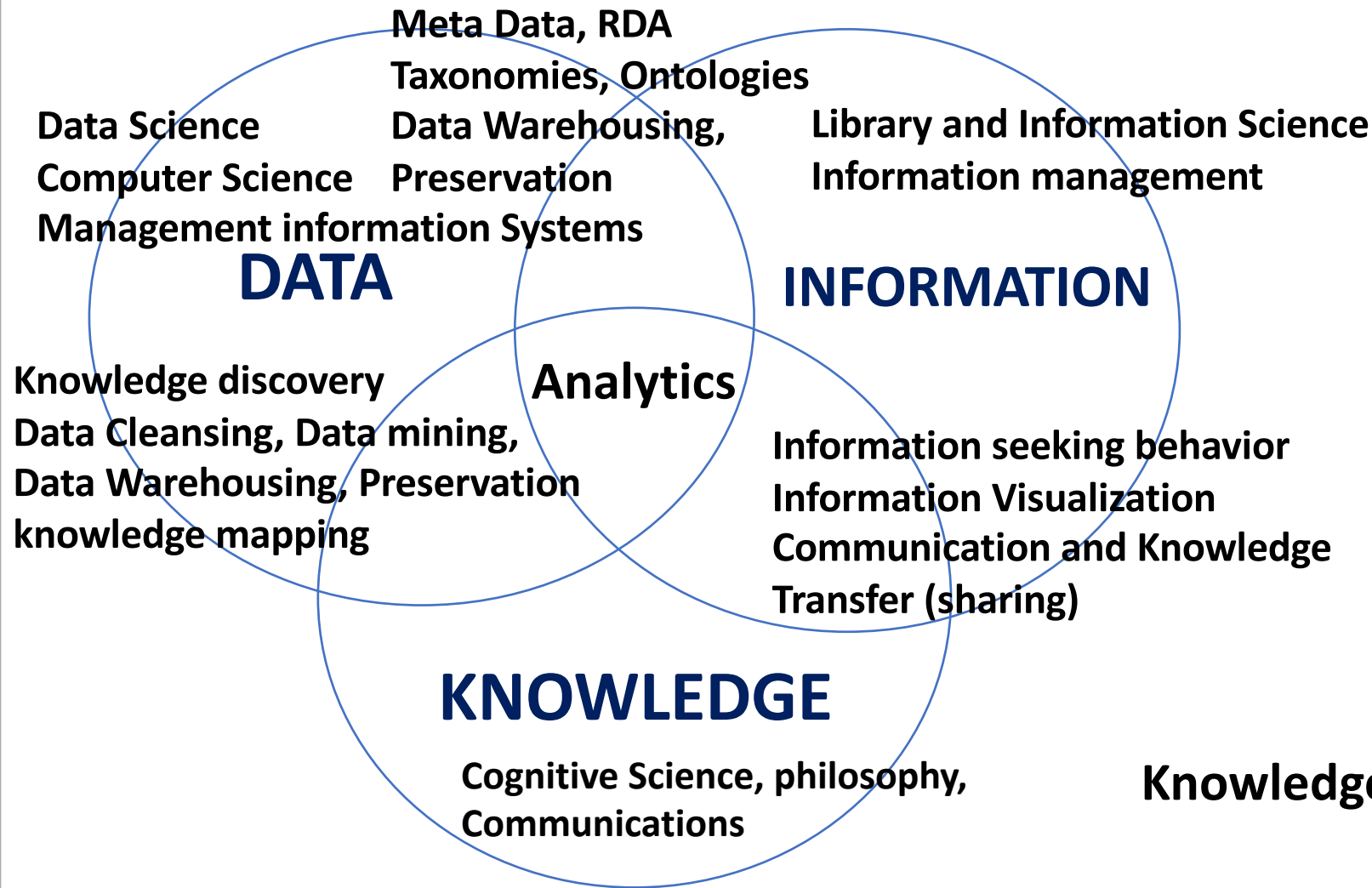
Peng Wang 1 ID , Fang-Wei Zhu 1,* , Hao-Yang Song 1 , Jian-Hua Hou 2 and Jin-Lan Zhang 1

Visualizing the Academic Discipline of Knowledge Management, Sustainability 2018, 10, 682; doi:10.3390/su10030682



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Lesson # 4 KM is a Meta Interdisciplinary Field



Rethinking DIKW

Lesson # 5 KM Education Has Been Continued Hindered by Competing Narrow Focus

KM as an Interdisciplinary field requires the collaboration of people from multiple discipline. Failing to see the interconnections among these disciplines will continue to hinder the development of KM education.

The rise and fall of many KM programs in the past can be attributed to issues such as lack of expertise, curriculum development, competing interest, and shifting focus (e.g. Data Science, Data Analytics ...etc.)

Lesson # 6:

KM is a Marathon not a Sprint?

With that the ICKM journey continues and We will look forward to see year next in



ICKM2020

Knowledge Commons

December 3-5, 2020

Durham, NC, The City of Medicine

CALL FOR PAPERS & PRESENTATIONS



15ª Conferência Internacional de Gestão do Conhecimento
2º Seminário Internacional de Universidades Corporativas e Escolas de Governo

**Special Thanks Go to Patricia de Sá Freire & the
ICKM 2019 Brazilian and International Team**

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