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Investigating The Role Of Information Security Management In Smart City Organizations

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Agenda

1. Introduction
2. Research Problem and Aim
3. Key Findings And Contribution
4. Research Model
5. Conclusion

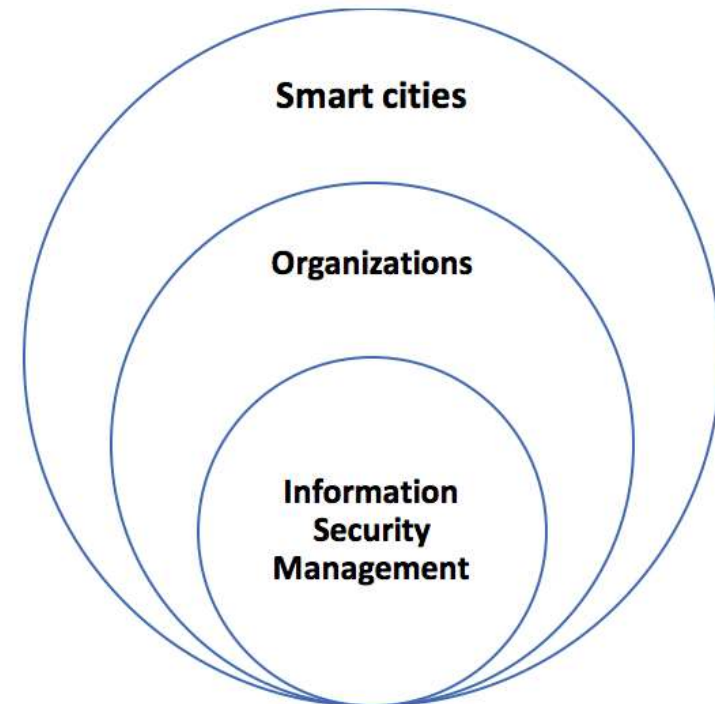
SC: Smart City

Org: Organization

IS: Information Security

ISM: Information Security Management

ICT: Information and Communication Technologies



Research problem

The effects of information security mismanagement on organizations in the context of smart cities

Aim of the research

Identify the organizational factors that influence information security management in the context of smart city organizations

Key Findings

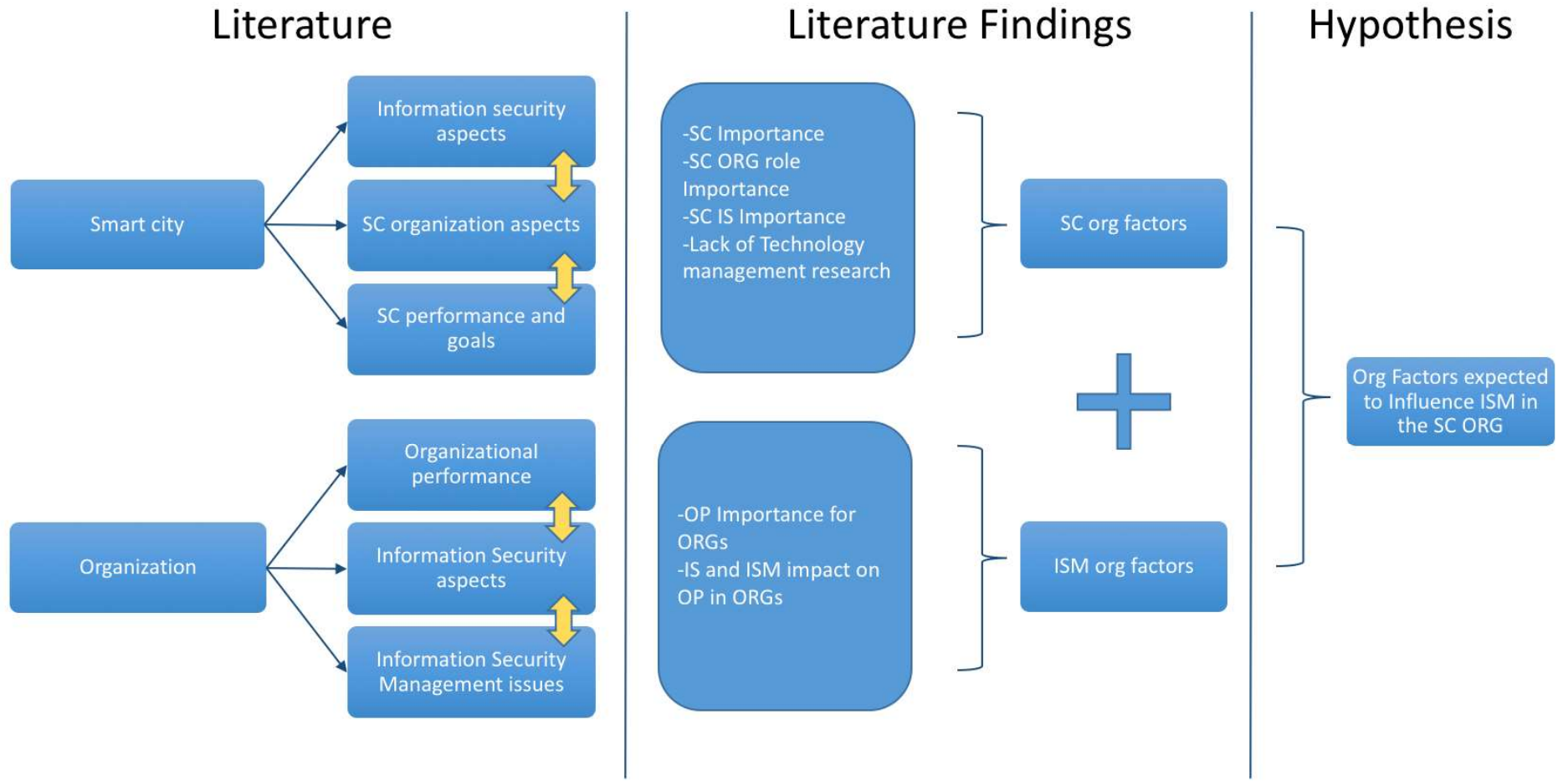
- Importance of **Information Security Management** (von Solms and von Solms, 2004 - ScienceDirect).
- **Information Security** in **Smart cities** (Ferraz and Ferraz, 2014 - IEEE).
- “**Governance** represents an important challenge for smart city initiatives.” (Chourabi et al, 2012)
- “Little literature on **smart cities** addresses issues related to **governance**.” (Chourabi et al, 2012)
- The core of a **smart city** must be **smart governance** (Belissent, 2011 - Cambridge: Forrester Research, Inc)

TITLE-ABS-KEY ("smart city" AND "information security")



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TITLE-ABS-KEY ("smart city" AND "information security management")



Towards Selecting The Organizational Factors That Influence Information Security Management In Smart City Organizations

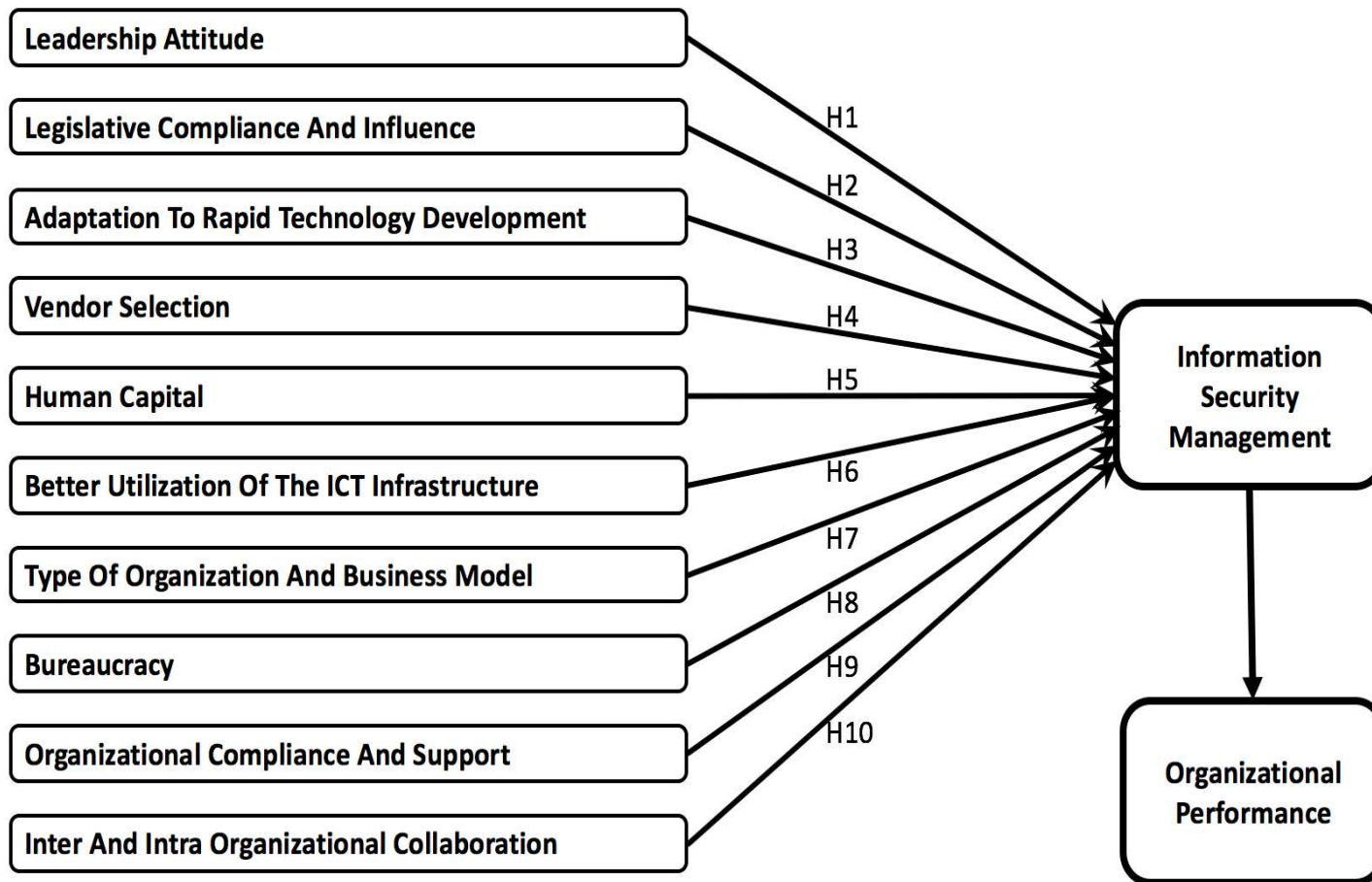
Table1 ISM org Factors

- 8 Categories
- 17 subcategories

Table2 SC org Factors

- 22 categories

Top organizational factors expected to influence ISM in SC organizations



Conclusions and next steps

- Findings from the literature
- Next steps: empirical validation

Thank you