

Changes in Organisational Resilience Strategies due to Cybersecurity Challenges during WFH in COVID-19 pandemic

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Introduction

- Organisations should respond to external threats for example disasters, political instabilities, and pandemic diseases like COVID-19 pandemic
- A “new normal” style of doing work in the COVID-19 pandemic is Work From Home (WFH)
- 2020 as a cyber pandemic for all businesses worldwide
- Rethink and redesign organisational resilience strategies
- Readjust cybersecurity frameworks according to virtual demands
- Organisational Learning and Socio Technical Systems Theory have not been employed
- The current COVID-19 pandemic crisis provides a timely opportunity for doing this novel research

Research Objective

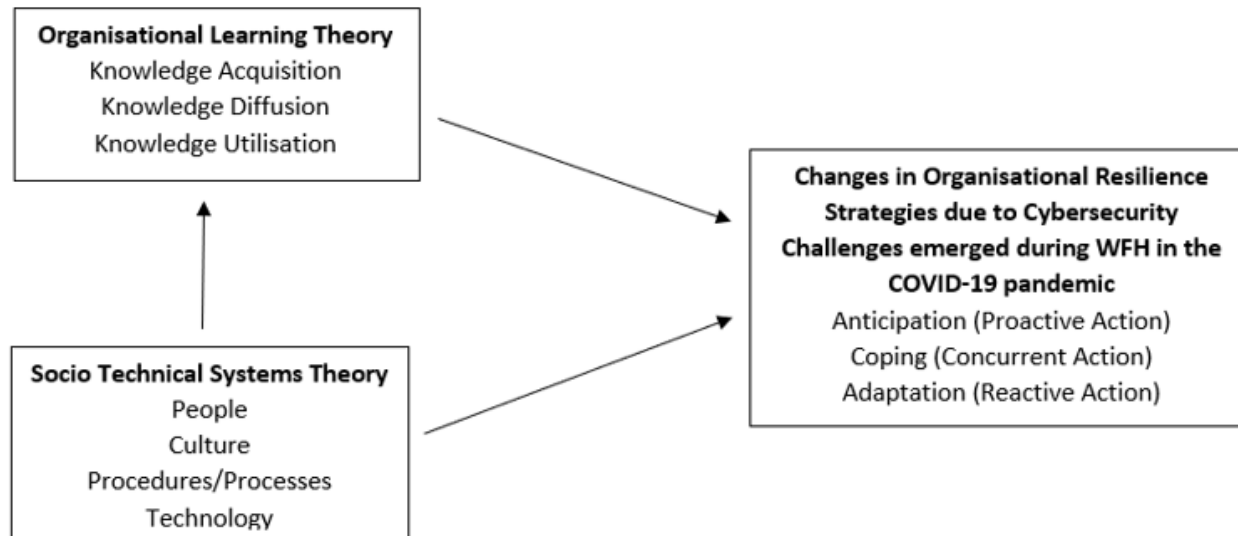
- Investigate changes in organisational resilience strategies to address cybersecurity issues that emerged during WFH as a result of the COVID-19 pandemic

Research Questions

1. How do sociotechnical factors help organisations to develop resilient strategies to address cybersecurity issues emerge while undertaking WFH during the COVID-19 pandemic?
2. How do organisations learn to develop resilient strategies to address cybersecurity issues emerge while undertaking WFH during the COVID-19 pandemic?

Proposed Conceptual Framework

- Methodology
 - Qualitative Research Approach
 - semi-structured interviews
 - Snowball sampling method
- Health Sector
- Education and Research Sector
- security experts, managers, expert users, and normal users



Expected Contribution and Future Work

Expected Contribution

- To develop organisational cyber resilience strategies during WFH in the COVID-19 pandemic exclusively
- To propose a framework that will provide an extensive understanding of various STS and OL theoretical dimensions on organisational cyber resilience strategies while undertaking WFH in the COVID-19 pandemic in Australia
- The framework will be beneficial in mitigating cybersecurity challenges while undertaking WFH in similar situations

Future Work

- Once tools like interview questions are developed, data will be collected and analysed
- Findings will be reported based on the analysis
- Framework will be proposed, and final contribution will be discussed