1. Agile Software Development (ASD)
- Agile methods: XP, Scrum...
- Agile values and principles: the Agile Manifesto
- Theoretical basis of ASD: Complex Adaptive Systems perspective (CAS)

2. Research Question
How to organize a software development process to be agile from a Complex Adaptive Systems perspective?

3. Literature

3.1 Theoretical studies

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<thead>
<tr>
<th>Theoretical basis</th>
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4. Theoretical Framework

Knowledge gaps:
- A consistent and consensus understanding of agile methods is yet to be achieved
- Studies consolidating the theoretical basis of agile methods are conceptual, being focused on the abstract forms of agile methods. The frameworks they used and the results they achieved have not been evaluated and validated in real-world settings; and
- Empirical studies are neither very systematic nor guided by appropriate theories or frameworks.

5. Empirical Study
- Multiple-case study approach
- Software development teams using agile methods have been studied
- Qualitative data analysis

6. Findings