# Multi-fidelity modelling and optimisation for long-term capacity planning: ten month PhD review (amendments)

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#### 1 Introduction

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#### 2 Literature Review

- include more references in Section 2.2.1 (Overview of SO methods)
- maybe include GMIA extensions rapid GMIA and multi-fidelity GMIA (previously discussed in Section 6).
- 3 Models of multi fidelity

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## 4 Deterministic optimisation with low-fidelity model

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## 5 Discussion of uncertainty

discuss problem of SO in queueing settings: bad solutions have high stochastic uncertainty and therefore take a lot of simulation effort to eliminate.

## 6 Potential research contributions

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