

* What is simulation

→ Imitation of the operation of a real world process or system over time.

* When simulation is the appropriate tool?

→ study of complex system

Model can be simulated

Study parameters changing inputs and effects it has on the environment.

Simulate new designs or policies

* When simulation is not appropriate

→ Not if problem can be solved analytically or experimentally.

Not if cost exceeds savings

Not if no data, assumptions can be modelled.

Not if system is too complex