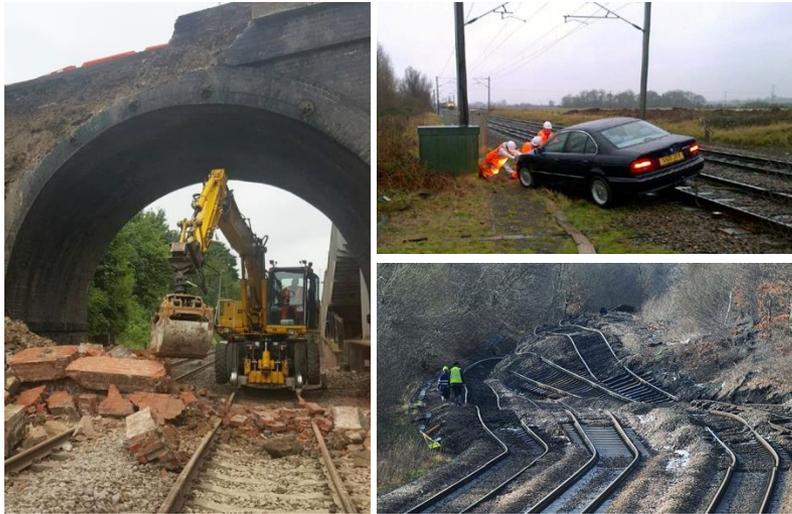
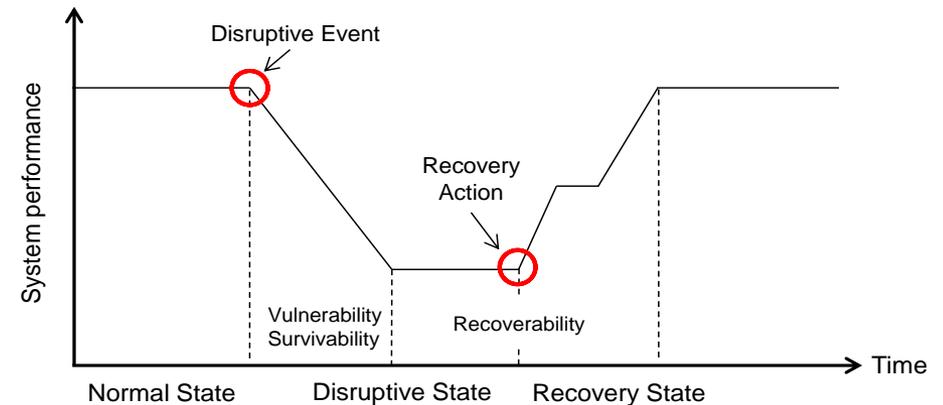


Railway Network Resilience Modelling



Resilience concept



Background

Railways have been significantly impacted by many different disruptive events such as technical failures, natural disasters and man-made disasters.

Objective

- (i) To estimate system performance during a disruption.
- (ii) To identify the critical components of railway networks (e.g. block sections or railway links).
- (iii) To evaluate mitigation strategies for minimising the impacts of a disruption.

Modelling Framework

