

# Root Cause Analysis

## 5<sup>th</sup> UK Moorings Workshop

Mario Brito and Gwyn Griffiths

NERC National Marine Facilities, Underwater Systems  
Laboratory

Contact: {mpb2o07}@noc.soton.ac.uk



# A structured approach for accident or incident investigation

- Define problem – collect data
- Task analysis
- Change analysis
- Control barrier analysis
- Event charting
- Interviews
- Determine root cause
- Develop corrective actions

**Ammerman, M., 1998. The Root Cause Analysis Handbook. Productivity Press: New York.**



# Event Tree

