

# Cleaning and visualization of unstructured text in safety records

Conference Publishing

[Dr Michael Stewart](#)

**Authors: Michael Stewart<sup>1</sup>, Wei Liu<sup>1</sup>, Rachel Cardell-Oliver<sup>1</sup> And Mark Griffin**

2020-11-01

Publication

## Research Publishing, Singapore

Research Publishing, Singapore. ISBN/DOI: 978-981-14-8593-0

Proceedings of the 30th European Safety and Reliability Conference and the 15th Probabilistic Safety Assessment and Management Conference Edited by Piero Baraldi, Francesco Di Maio and Enrico Zio  
Copyright ESREL2020-PSAM15 Organizers.

Quality Indicators

Not Peer Reviewed

Relevance to the Centre

Linked to the work completed by Theme 1 and unstructured text. A significant amount of rich information is locked in the difficult-to-process unstructured text both in maintenance and safety data. Textual descriptions are a vital component in capturing information on events, whether they be and equipment breakdown, incident investigations and other safety/maintenance records. This paper focuses on safety records, however the techniques are also key to the work being completed for transforming maintenance.

DOI: 10.3850/978-981-14-8593-0\_4716-cd