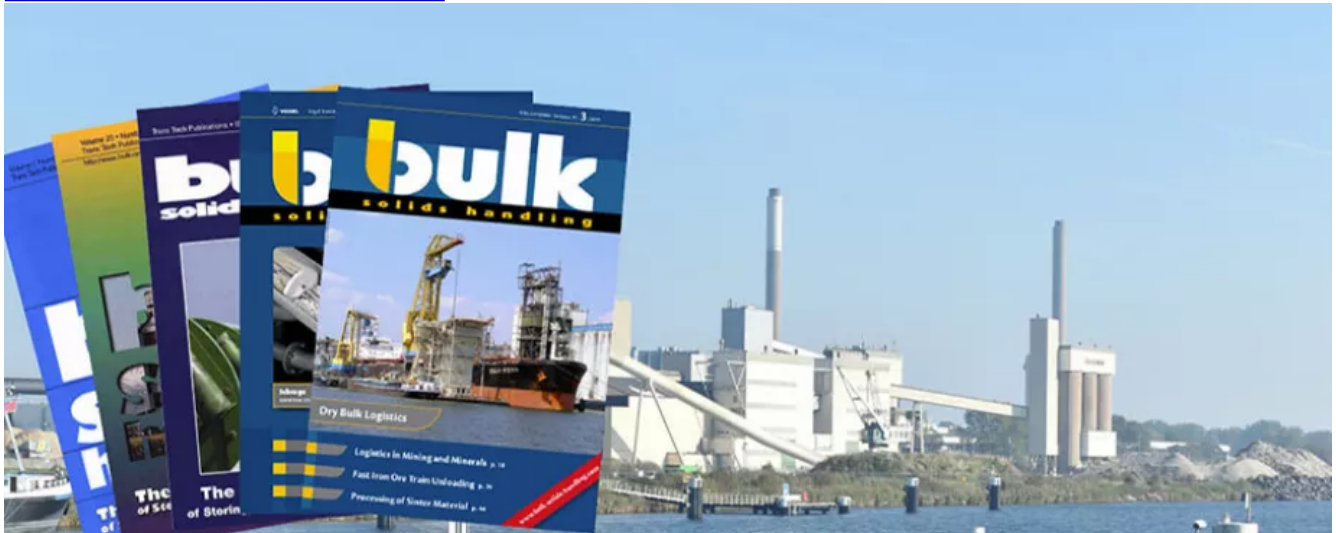




Research Paper

Bulk Solids Handling Research at the University of Wollongong

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Research relating to the storage and handling of bulk solids has been undertaken at the University of Wollongong, Australia (and its predecessor institutions) for the past 25 years. The early work related to the performance characteristics of and damage due to grain conveyors and chutes [1-14) while the more recent work has concentrated on storage bin design, the measurement of flow properties, the flow of fine powders in converging channels and the pneumatic conveying of powders. It is aspects of this more recent research that will be highlighted in this paper.

The research has been contributed to significantly by graduate and undergraduate students undertaking research projects and by the attracting of significant research grants and contracts from such sources as the National Energy Research Development and Demonstration Council (NERDDC), The Electrical Research Board (ERB) The Electricity Commission of New South Wales (ECNSW) and The University of Wollongong.

In a paper of this nature it is impossible to present any aspect in great detail however, a full list of references is given. Anyone interested in particular aspects of the research is invited to consult the relevant references for more detail and/or make contact with the authors, who will be glad to provide further information.