

**Human Scientific Approach to Railway Transport Research;
Recent Topics and Potential Developments**

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Human Science is a generalized term that encompasses research on human psychology, behavior and responses through a scientific approach. The main purpose of applying the human scientific approach to railway transport is for the improvement of passenger/employee safety and comfort. This paper outlines recent topics and potential developments of this approach. Major topics are as follows: improvement of psychological aptitude tests, evaluation of driver's workload, analysis method of accidents caused through human error, testing methods for organizational climate, behavioral analysis of passengers in a train collision, and overall transport comfort for passengers.