



## JRC SCIENCE FOR POLICY REPORT

# Rail transport research and innovation in Europe

AN OVERSIGHT BOARD ON THE  
FOCUS OF RESEARCH AND  
INNOVATION MONITORING AND  
INFRASTRUCTURE SUPPORT (TIMING)

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2019



# Rail Transport Research Needs Special Report 174

**National Research Council (U.S.)**



## **Rail Transport Research Needs Special Report 174:**

**The Transportation Research Board, 1920â–2020** Sarah Jo Peterson, 2019-12-30 In 1920 state highway engineers federal officials and experts from academia were among a small group convened by the National Academy of Sciences to confront the problems of the highway The public was entrusting them with billions of dollars for good roads and World War I had proved the feasibility of moving freight long distances by truck But even new highways were crumbling They turned to research for solutions The founders of the Transportation Research Board TRB and the generations that followed took on problems such as safety social equity and environmental issues They embraced total transportation adapting their highway research model to urban transportation and then applying it to rail marine and aviation modes Today TRB convenes thousands of researchers practitioners and administrators every year to advise the government solve practical problems foster innovation and stimulate new research In The Transportation Research Board 1920 2020 Everyone Interested Is Invited Sarah Jo Peterson tells the story of how people and institutions created and have continued to shape TRB In a compelling narrative accompanied by more than 150 images exploring the history of transportation and research she argues that TRB can be best understood as an infrastructure one that people purposely designed and devotedly maintained Despite TRB s institutional complexity its unique mission the vast collection of acronyms in its orbit and the significant changes to the organization in its first 100 years Dr Peterson provides a view from 30 000 feet deftly describing the social political and economic context in which transportation and TRB functioned At the same time she attends to details of the key events individuals and human motivations that shaped TRB s evolution The author s skills as a historian her experience in the transportation field and her manifest ability to tell a good story have produced a book that transportation professionals of all stripes and for that matter anyone interested in the history of transportation in the United States should find both engaging and informative and an essential addition to their library **National Railroad Policy** United States. Congress. Joint Economic Committee. Subcommittee on Economic Growth and Stabilization, 1979 **The Railroad Situation**, 1979

**Proposed Research Plan to Improve Railroad Employee Training**, 1978 **The National Research Council in 1978** National Research Council (U.S.), 1978 *Special Report - Highway Research Board* National Research Council (U.S.). Highway Research Board, 1971 **The National Research Council** National Research Council (U.S.), 1978 **Special Report**, 1969 **Report of the National Academy of Sciences** National Academy of Sciences (U.S.), 1977 *Publication Index - Transportation Research Board* National Research Council (U.S.). Transportation Research Board, 1978 Report of the National Academy of Sciences for the Year ... National Academy of Sciences (U.S.), 1977 Vols for include reports for the National Research Council 1965 66 include reports for the National Academy of Engineering 1971 72 include reports for the Institute of Medicine **Special Report** National Research Council (U.S.). Highway Research Board, 1971 *Working Papers*, 1980 Issues and Studies National Research Council (U.S.), 1978 *HEARINGS BEFORE THE SUBCOMMITTEE*

*ON ECONOMIC GROWTH AND STABILIZATION OF THE JOINT ECONOMIC COMMITTEE CONGRESS OF THE UNITED STATES NINETY-FIFTH CONGRESS SECOND SESSION ,1979*      *Annual Report* National Research Council (U.S.). Highway Research Board,1977      **Annual Report** National Research Council (U.S.). Transportation Research Board,1974

Changes in the Field of Transport Studies J.B. Polak,J.B. van der Kamp,2012-12-06 This liber amicorum honours Professor Jan Tissot van Patot as a scholar referring in particular to his concern with transport economics The significance of his work grew out of his influence within Netherlands Railways as with the passage of the years he dedicated himself increasingly to the vastly wider field of transport economics I would emphasize however that his theoretical knowledge and views in wider contexts have also been of great value to Netherlands Railways and I greatly appreciate this opportunity of referring to this aspect in a few personal words It is characteristic both of his person and his attitude that his work was often the occasion for contacts of a more personal nature contacts which were profoundly marked by his philosophy and convictions Our relations date from more than thirty seven years ago when he asked me for a contribution for a magazine which he helped to edit at that time and which was concerned with the same field as I was We became colleagues when he entered the service of NS the Netherlands Railways His sphere of work at that time was such that he was consulted more and more frequently by others His particular value to NS has been the increased dimension of transport policy and decision making he added to the company's existing policy and decision making      **Transguide** Reebie Associates,1980      *A Review of the U.S. Freight System* ,1980

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