

## **Recent Trend of Research and Development on Materials for Railway**

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Many innovations have been brought about by the progress of material technology also in the railway systems. In addition to development of many kinds of materials and material technologies, progress of the analytical methods and the measurement ones contributed to the achievement of the higher performance or function of various equipments of railway vehicles and facilities. Furthermore, additional efforts are necessary to realize the practical use of the developed materials and technologies. This review describes some of the results of the recent research and development of the latest material technologies in RTRI including the efforts to apply them to the practical railway vehicles and facilities.