

Mariusz Kieć



Academic degrees: Ph.D., D.Sc., Eng.

Position: associate professor

Engineering - technical field

Discipline Civil engineering and transport

Academic qualifications:

Head of the Chair of Roads, Railways and Traffic Engineering,
Head of Postgraduate Studies in Traffic Engineering

Membership in professional and academic boards :

PIARC - World Road Association, Chair of Task Force TF 4.1 – Road Design Standard.

Academic merits :

Author and co-author, 89 publications, including 12 articles in journals (Journal Citation Reports), 18 articles in national and foreign journals from ministry list of journals, 4 chapters in scientific monographs in English and 42 papers on international conferences, and 1 book. Participated in 35 international conferences where 41 papers were presented (mostly in English). The Hirsch index according to the Web of Science and Scopus databases is 6 and 7, respectively. Participation in the implementation of 9 research projects, financed with funds obtained through competitions from Polish and European budget resources. Author of about 60 reviews of articles for international journals from ministry list of journals. Combining engineering activities with scientific implementation (author and co-author) of over 70 expert opinions and studies in the field of traffic engineering and road infrastructure design commissioned by government and road administration and private companies.

Professional qualifications/language skills

English

Research field :

Scientific interests include traffic engineering and the geometric design of road infrastructure. He conducts research in the field of geometric road design, road safety, methods of assessing traffic performance, identification of traffic processes with their modeling. He specializes in assessing the impact of road infrastructure on the road safety of various user groups with a particular application of accident modeling methods using surrogate safety measures and a proactive approach (based on microsimulation modeling, empirical study, and statistical modeling).

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