



海外专家学者系列报告会 (2023 年第 1 期)

报告题目： Leveraging the sustainability of transportation infrastructure with multicriteria decision analysis methodologies

报告专家： Dr. João Santos

报告时间： 2023 年 5 月 4 日晚 19:00-21:00

报告地点： 力学与土木工程学院 A220

腾讯会议： 335648338 密码： 3165

邀请人： 乔亚宁

主办： 工程管理研究所

报告专家简介：



Dr. Joao Santos is a lecturer responsible for the MSc course “Sustainable Transportation Infrastructure” provided in the MSc Civil Engineering & Management and the MSc Construction Management & Engineering programs (University of Twente, UT). Furthermore, he is the coordinator of the UT’s Tire Road Consortium, which is a research group that aims to improve the safety and sustainability of roads and tires by studying the tire-road interaction through a multidisciplinary approach, and is a

member of the UT's ASPARi network and the 4TU Centre for Resilience Engineering.

Before joining the UT, João Santos was a Marie Skłodowska-Curie Post-Doctoral Researcher at the French Institute of Science and Technology for Transport, Development and Networks (IFSTTAR), in Nantes, where he worked on EU Framework 7 funded training-through-research project SUPR&R ITN. He was the responsible for the development of a performance-based sustainability assessment tool that has the capacity to represent the social, economic and environmental trade-offs inherent in civil infrastructures, namely road pavements and railway tracks technologies. During his graduate studies, João Santos spent approximately two years as visiting scholar at the Center for Sustainable Transportation Infrastructure (CSTI), at the Virginia Tech Transportation Institute (VTTI), USA.

With approximately 45 scientific publications in web-of-science journals and 30 presentations at international conferences, João Santos' main research interests are on advancing the sustainability and resilience of civil infrastructure systems.

中国矿业大学力学与土木工程学院

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