

The Operations Research and Logistics Group at Wageningen University has 2 open PhD Positions

1. EURECA: Effective reefer logistics in conditioned supply chains (Deadline October 26, 2015)

The main goal of this project is to develop innovative concepts to improve reefer logistics and investigate the suitability and acceptability of these concepts by involved stakeholders using a socio-technical analysis. This project is defined in close collaboration with Erasmus University Rotterdam and Delft University of Technology. For this interdisciplinary project we are looking for a highly motivated, enthusiastic and result-driven PhD candidate with a master degree in Operations Management, Operations Research, Industrial Engineering, Transportation & Logistics Management (or a related discipline), with a solid background in quantitative research methods. Experience and knowledge on container (hinterland) transport and port operations would be an advantage.

For more info see: <https://www.academictransfer.com/employer/WUR/vacancy/30225/lang/en/>

2. Knowledge base and data platform for modelling SHARP diets (Deadline Nov 2, 2015)

Central in this project is the development and application of scenario studies using a mathematical decision support model, which combines requirements regarding a range of performance criteria into appropriate diets for EU citizens. To develop the decision support model and capture the involved complexity, advanced quantitative methods and Multi-Objective Programming techniques will be combined, extended and applied. The resulting decision support model will be tested in a number of case studies in collaboration with business partners, in which the impact of a population shift towards more sustainable diets will be analysed. For this interdisciplinary project we look for a highly motivated, inquisitive, enthusiastic, and result-driven PhD candidate with an appropriate MSc degree in Operations Research, Industrial Engineering or related field. He or she should have expertise in quantitative methods e.g. Mixed Integer Linear Programming and Multi-Objective Optimization. The candidate is familiar with the field of Human Nutrition or Food Technology and has affinity with Food Supply Chain Management. The candidate has excellent research skills and proven analytical abilities. Excellent communication skills and proficiency in English (both oral and written) are prerequisites.

For more info see: <https://www.academictransfer.com/employer/WUR/vacancy/30434/apply/>