

Nina Trauernicht  
Assistant Professor  
Asset Management & Maintenance Engineering



## Research outputs

### **The Impacts on Interorganizational Project Coordination: A Multiple Case Study on Large Railway Projects**

Trauernicht, N., Braaksma, J., Haanstra, W. & van Dongen, L. A. M., 6 Aug 2024, (E-pub ahead of print/First online) In: *Project Management Journal*.

### **Learning Factory Concept Tailored for Engineering Programmes for Underserved Communities**

Chemweno, P. K., Ghafoorpoor Yazdi, P., Berends, M., Bruijnĳ, M., Martinetti, A. & Trauernicht, N., 11 Jul 2024, *Learning Factories of the Future - Proceedings of the 14th Conference on Learning Factories 2024*. Thiede, S. & Lutters, E. (eds.). Springer, p. 75-82 8 p. (Lecture notes in networks and systems; vol. 1060).

### **EDUBox: finding suitable locations for offgrid mobile classrooms in the context of underserved communities**

Martinetti, A., Trauernicht, N., Dietrich, M. & Chemweno, P. K., 25 Apr 2024, In: *Journal of International Humanitarian Action*. 9, 7, 18 p., 7.

### **Designing a problem analysis toolkit in the context of humanitarian engineering**

Jakubeit, N., Richards, C. & Martinetti, A., 8 Jul 2023, *33rd CIRP Design Conference*. Liu, A. & Kara, S. (eds.). Elsevier, Vol. 119. p. 1065-1070 6 p. (Procedia CIRP; vol. 119).

### **Coordinated interorganizational decision-making: Dealing with project complexity in the Dutch Railway context**

Jakubeit, N., 17 May 2023, Enschede: University of Twente. 219 p.

### **Integrating challenge-based learning into a mobile classroom environment for Jordanian camp refugees: a position paper**

Jakubeit, N., Petrov, N., Chemweno, P. K. & Martinetti, A., 2023, *The refugees in Jordan: A future vision*.

### **Co-Designing Sustainable Coordination to Support Inter-Organizational Decision Making**

Jakubeit, N., Haanstra, W., Braaksma, J., Rajabalinejad, M. & van Dongen, L., 1 Jun 2022, In: *Sustainability (Switzerland)*. 14, 11, 26 p., 6467.

### **Coordinating Project Complexities in Inter-Organizational Railway Projects – a Multiple Case Study Highlighting the Importance of Relational Coordination (Part II)**

Jakubeit, N., Braaksma, J., Rajabalinejad, M. & van Dongen, L. A. M., 20 Oct 2021, *TESConf 2021 - 10th International Conference on Through-Life Engineering Services*. 6 p.

### **Coordinating Project Complexities in Inter-Organizational Railway Projects – An Operationalization of the Complexity-Response Framework (Part I)**

Jakubeit, N., Braaksma, J., Rajabalinejad, M. & van Dongen, L. A. M., 18 Oct 2021, *TESConf 2021 - 10th International Conference on Through-Life Engineering Services*.

### **Collaborative Decision-Making Challenges in the Dutch Railway System.**

Jakubeit, N., Rajabalinejad, M., Braaksma, J. & van Dongen, L. A. M., 2020, *Complex Systems Design & Management: Proceedings of the Tenth International Conference on Complex Systems Design & Management, CSD&M Paris 2019*. Boy, G. A., Guegan, A., Krob, D. & Vion, V. (eds.). Springer, p. 193-193

## Activities

**Designing Lower-Limb Custom-Fit Orthotics for Resource Limited Regions**

Nizamis, K. (Examiner) & Trauernicht, N. (Examiner)

3 Jul 2024