Process Industry Supply Chains: Advances and Challenges

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Abstract
A large body of work exists in process industry supply chain optimisation. We describe the state of the art of research in infrastructure design, modelling and analysis and planning and scheduling, together with some industrial examples. We will consider two network design type problems in more detail and then draw some conclusions about the degree to which different classes of problem have been solved, and discuss challenges for the future.

Keywords: Network design, supply chain modelling and planning, future challenges