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## Green Issues in the Supply Chain Management Training

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### Abstract

Green Supply Chain Management is an important issue for organizations that spend significant yearly investments on personnel training. Although these investments present positive effects, the manner to assess the effectiveness of training is unclear. A research that carries out multi-criteria training assessment for Green Supply Chain Management through the process and presentation of the model based on the Supply Chain Operations Reference Model is hereby depicted. Analytic Hierarchy Process was applied in the solution considering Plan, Source, Make and Deliver as criteria, and individual and organizational benefits are identified alternatives in a chemical industry. The modelling considered pairwise judgments for criteria and ratings or absolute measure for alternatives. The main result of the analysis revealed that training essentially contributes to the organization, resulting in the perception of 88% for organizational benefits, and 78% for individual benefits. This result was presented to managers of the company, and they validated it as consistent and applicable in practice.

**Keywords:** *Analytic Hierarchy Process, Green Supply Chain Management, Supply Chain Management, Training*

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