





effects of the global population and the resulting increase in human activities. In this regard, the role of information technology is very important to achieve sustainability in the supply chain. Considering the importance of the mentioned topic, the aim of this research is to identify and rank the success factors of information technology in sustainable supply chain management. The research method is applied and of the descriptive-correlation type. In this research, using library studies and interviews with managers, experts and engineers with research or executive experience in the field of information technology and sustainable supply chain management (Delphi method), the success factors of information technology in sustainable supply chain management were identified. Then, using the DEMATEL technique, the internal relationship between the identified factors was determined. Identified factors were calculated using the Network Analysis Process (ANP) method in the form of pairwise comparisons, and the weight of each factor, which shows their impact, was calculated in Superdesign software. The results regarding determining the weight of the criteria and prioritizing the effective factors indicate that among the factors, human factors (0.291), structural factors (0.260), change capacity (0.237), planning capacity (0.197) and environmental factors (0.012) in The next ranks are.