Main interests: Abstract In addition, weights for criterion and links between dimensions and criteria were obtained using the Decision–making trial and evaluation laboratory and fuzzy analytical hierarchy process. SCM encompasses all operations beginning with raw material procurements, storages, work-in-process inventories, and completed items, i.e., from point-of-consumption and point-of-origin, guaranteeing organizational productivity while satisfying customer demands and pleasing the customer (Manogaran et al., 2020). After achieving these aims, this paper highlights the consequences of fuzzy HRM-SCM integration in organizational sustainability and genuinely sustainable supply chains for academics, managers, and practitioners. Although academics in each sector continue to advance SCM and HRM's role in developing more sustainable companies, integrating these two modern topics has been significantly delayed based on a more significant integration gap between HRM and SCM and fuzzy. Both methods can be combined since they serve various goals; earlier studies proposed using three-way type-1 fuzzy sets to achieve criteria weights and linkages across dimensions and criteria. This