Myriad methods have been used to model landscape resistance to movement. Techniques range from very basic and data-light to complex and data-heavy. Moreover, no general consensus has been reached regarding the most accurate data sources and analytical methods for modeling resistance surfaces (Spear et al. 2010). A summary of the methods used and their pros and cons is needed in order to frame the current state of knowledge surrounding resistance surface modeling and provide guidance for future research. Here, we provide a comprehensive literature review of the data sources and analytical met...