 **Key points:** This paper emphasizes that a comprehensive understanding of planet formation and evolution is crucial for assessing the habitability of exoplanets and the search for life. It highlights that many key parameters influencing habitability cannot be directly measured through remote sensing and are best understood by studying planet formation and evolution processes.

 **Important formulas or discoveries:** The paper doesn't focus on specific formulas but emphasizes the need to combine information from individual planetary systems, exoplanet population studies, and planet formation models to assess habitability.

 **Limitations:** The paper primarily discusses the importance of planet formation studies for habitability assessment but doesn't delve into the specifics of planet formation models or their limitations.

 **Summary:** The paper concludes that a multidisciplinary approach, integrating knowledge from various fields, is essential for advancing our understanding of planet formation and identifying potentially habitable exoplanets. It also recommends changes in research funding and community interactions to accelerate progress in this area.