The growing importance of the Arctic in various areas and continuous discussion on sustainability necessitate that further inquiry be made into the role of law in addressing the many current and emerging issues relevant to the concept of sustainable development. As such, sustainable development is per se not a legal term or concept. Furthermore, in light of the fundamental changes taking place in the Arctic, law may not be a panacea for all questions that are relevant to the sustainability discourse. By looking at the evolution of the concept of sustainable development in international law and its normative elements that require the integration of the social, economic and environmental values, this paper argues that law contributes to multidisciplinary scientific and political discussion on sustainability and has its own important role to play in our understanding of sustainability and bringing sustainable development to the Arctic. By using relevant examples from Arctic resources and environmental law, governance and management issues, this paper attempts to advance a better understanding of what sustainability means in the Arctic context and how law is relevant.