

## **A Perspective on Sustainability science and Transformative Change**

Hassan Virji, PhD

Executive Director, START

Issues of global changes, including climate change, and sustainability necessitate significant transformations in the systems and structures, require individuals and groups to examine their beliefs, values and worldviews, including assumptions about growth, prosperity and a meaningful life. Responses to the interacting processes associated with global change require transformations to occur across multiple dimensions and scales, and in different contexts and settings. This presentation will review developments in science for sustainability in the context of transformative change and leadership, and focus on a proposal to create an inclusive, inspiring and productive research environment that will enhance society's capacity to address complex global challenges through a distributed Centre of Excellence where scientists, decision-makers, politicians, students, activists, artists, business leaders, and citizens can engage in transformative learning and develop skills for "climate leadership."