

Recent Trends of Research in Science and Humanities

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ABSTRACT

In recent years, progressive attention is given to both inter- and trans-disciplinary research which is not only the “cutting edge” path for the modern research and innovation but also offer great hope for bringing holistic, out- of the-box thinking to an increasingly-specialized workforce of experts. It is necessary to outline some of the main trepidations for the effective promotion of these approaches in social and environmental research. Interdisciplinary research is about creating something by thinking across boundaries. It is related to an interdisciplinary field, which is an organizational unit that crosses traditional boundaries between academic disciplines or schools of thought, as new needs and professions emerge. Research is truly interdisciplinary when it is not just pasting two disciplines together to create one product but rather is an integration and synthesis of ideas and methods. Transdisciplinary research brings collaboration among scientists to operate entirely outside their disciplines which links science and policy to address issues such as environmental degradation, new technologies, public health and social change. Through transdisciplinary approaches, researchers from a wide range of disciplines work with each other and external stakeholders to address real world issues. Transdisciplinary research integrates divergent perspectives, frameworks, epistemologies, methods, and theories, enables the researchers to gather a more comprehensive understanding of social phenomena. Through, bridging different scientific and social knowledge components it can significantly improve the quality, acceptance and sustainability of research solutions. Henceforth, scientists from Science and Humanities must join hands to solve the striking challenges faced by the society today.