

# The role of interdisciplinary sciences in educational and Civilization reform Edgar Morin's approachment

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**Purpose** Purpose of this research analyzing the role of science interfaces and multi-and cross in educational reform and renewal of civilization, and that through discussion and point of view of one of the founders and ideologues of this approach systematically the new Social Studies and Humanities, that is, a sociologist and philosopher, the French "Edgar Morin Edgar Morin "born in 1921, which singled out this area many of the studies. And will analyze this issue according to three axes:

First. Edgar Morin role in the renewal of science and multi-and inter-cross: Edgar Morin presented a set of basic texts on science and multi-and inter-cross. And the text is marked with "interdependence of knowledge," one of the texts the basic methodology in determining the interfaces of science, so that was translated into many languages of the world.

Has resulted in progress of human knowledge at the end of the twentieth century in the eyes of Moran to the

emergence of new knowledge model, began to establish bridges between science and branches that do not communicate with each other. And were the first features in the sciences interface which is concerned with the cooperation of various disciplines, not as distinct nations and states, which meets at the United Nations, he says, without doing anything other than the emphasis on the rights and sovereignty for other nations, but rather on the basis of theoretical concepts and scientific methods and

application fields, and to accomplish this vision must be to reform of the educational and intellectual.

II. The issue of educational reform and intellectual: characterized put Edgar Morin reform outlook Colleges and comprehensive, because it includes aspects of life, and it is what he calls the reform of social systems, and reform of life and ways of life, and particularly the reform of moral, educational and intellectual, which is an essential element in the overall scheme for reform. And science are inter-and multi-and cross as alternative to the situation and the status of knowledge in the third millennium, and an important means of reform in the areas of education and thought. In his book, *Inspiration: "knowledge necessary to educate future"* Moran discussed the problems and the necessary basic education that ignores the current, and suitable alternatives for raising a future based on the seven essential knowledge and background of each society and culture, without discrimination or Customize. And this knowledge is:

knowledge of knowledge, and the principles of proper knowledge and education of the human condition, and education identity terrestrial or planetary, and the face of forms of uncertainty, and learning comprehension and understanding, and ethics for the type of human is based on two principles and two: Democracy and Citizenship. And this is not only the reform of educational reform based on the intellectual core principles, including the need to adopt a view of the vehicle and the dialogue and structural causality.

III. Typical applications: Moran has worked on the application of these principles related to science journals on the basic interfaces and in particular in the field of human identity that must be analyzed in consideration of three elements, namely: the individual, society, and gender, as well as in the field of globalization, where called for citizen supported by a global globalization of economic and technical, and based on what has been termed a policy of civilization.