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Civilizations, Materials and Science

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ABSTRACT

The fascinating materials of the world have ever since influenced the life of Human beings. The material like stone, sand, diamond, bone, wood, clay, ice, salt and many others have played a great role during all civilizations and still they are for their survival, comfort, protection etc. The science and Technology played a great role for shaping, tailoring and synthesising new materials having fabulous characteristics and made their use possible in various areas like engineering, medicines, telecommunication, defence, industry, transport and many other fields. The material like piezo electrics, shape memory alloys, magneto materials, dielectric materials, thermo electric materials are really playing a parallel role for the human life. There are many materials which are still to be explored in the following years which will definitely increase the comfort and span of life of the incredible creature "human" on this planet.

Key Words: fascinating materials, survival of civilizations, material characteristics