

Aerial photography and Satellite imaging of the Earth's surface as a source of inspiration for the textile Hanging design by using computer graphic applications

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Abstract:

Nature is the most important resource that the textile printing designer relies on to invent and inspire new and contemporary ideas by taking advantage of the rapid development in the fields of art and design. The technological and technological development in imaging has contributed to seeing the structures of living cells, including the exquisite formations in which the creations of the Almighty and Exalted are manifested, which helped in carrying out many research and studies in the biological and medical fields, Likewise, the increasing development in aerial photography and remote sensing techniques helped in exploring the Earth's surface and its various geological characteristics There is no doubt that all of these discoveries in the presence of giant data storage units whose capabilities are increasing day after day have contributed to recording countless numbers of high-quality digital images that record the smallest details that workers in the field of art and design can benefit from in creating many Design ideas in various fields. The research aims to study the mechanism of recording high-resolution images of the surface of the globe, including the creations of the Almighty Creator and the changes that occurred in it due to climatic changes and urban encroachment of human beings and how to benefit from the cosmic and urban systems in inspiring designs suitable for printing textile fabric pendants that contribute to completing the aesthetic vision of the Interior design with furnishing fabrics for the modern home. The research relies on the descriptive analytical approach to study the aesthetics of digital aerial photography of the surface of the globe, as well as the experimental approach to obtain innovative design ideas for printed hanging textile that suit the purpose of modern home furnishing, The researcher has reached many important results, including that digital aerial photography of the Earth's surface can secrete millions of images and design elements that help the designer to invent renewable and diverse design ideas. The researcher also found that digital aerial imagery of the surface of the globe is variable and varied even if it is for the same spot on the surface of the globe due to climate changes as well as continuous urban sprawl. The researcher recommends in-depth study and analysis of digital aerial photos of the surface of the globe and benefit from them in various fields of art and design and in the field of textile printing design in particular

Keywords:

Aerial photography ,Remote Sensing ,Textile printing design ,Printed hanging textile.