

(54) Title of the invention : Contrast, color enhancement based haze elimination of under-water by using image processing technology

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(57) Abstract :

Contrast, color enhancement based haze elimination of under-water by using image processing technology Abstract: Due to the scattering and absorption of light by water, the quality of underwater images degrades over time as this process occurs more slowly. This deterioration results in faded colours, decreased brightness, and difficulty distinguishing objects in the image. The proposed method improves the contrast as well as colour of underwater images. This method is suitable for repairing damaged images. Despite its simplicity, we believe our method will increase the frequency with which people see underwater images. The process of removing haze from the image is critical. Utilize the dark channel to remove haze from a single image. This is an easy way to remove haze from an image. Haze is a common natural and atmospheric phenomenon. Numerous image processing and computer application software programmes are battling to restore underwater image clarity.

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