

Project Title: Image dehazing with deep learning

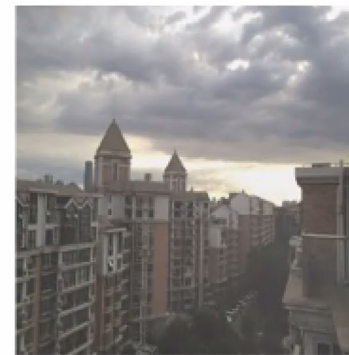
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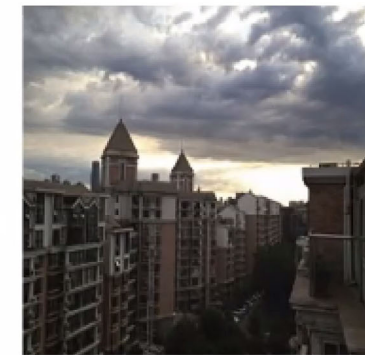
Programme: INFE

Objectives & Background

- *Comparison between results obtained from traditional models and the chosen deep learning model*
- *Modification on the chosen model for enhancement*
- *By observation and metrics (SSIM, PSNR, Score)*



Dehazed



Methodology

- *Conditional Generative Adversarial Network (cGAN)*
- *Modification: Activation function & model layers*

Results

- *In terms of:*

Metrics: Increased 6.44% for base test set

Observation: Sharper and better image restoration

(Image comparison & metric result tables will be provided in presentation)