

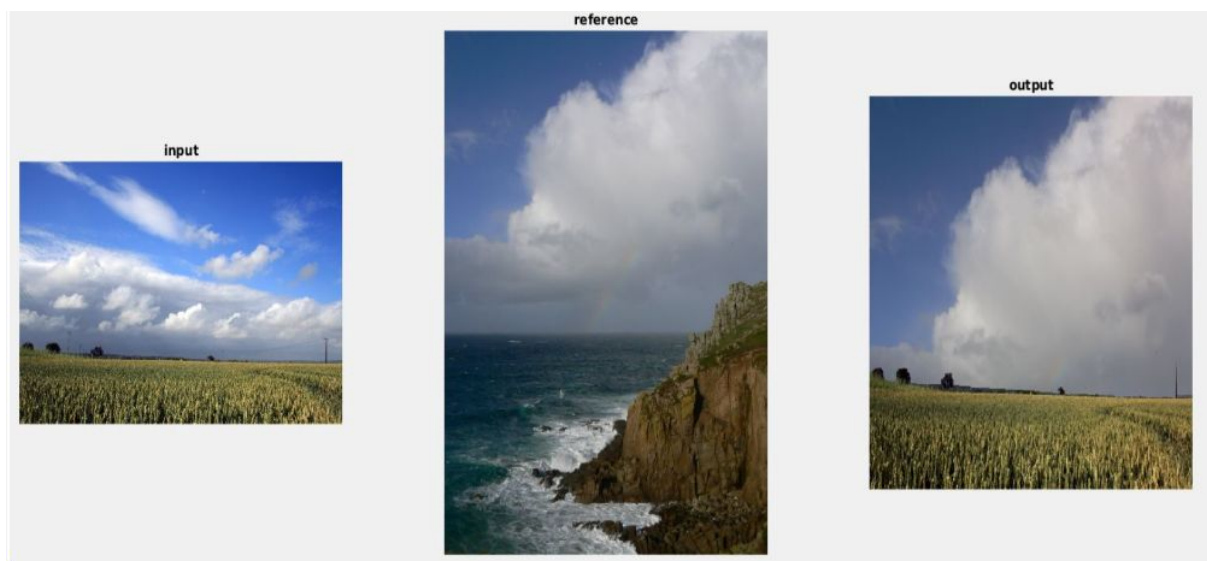
The problem description

-- Sky Replacement

Methods

- Sky segmentation for input image
- Retrieve skies from the dataset (the dataset contains a few typical sky styles. E.g. Dawn, Sunny, Dusk , Cloudy, Clear)
- Sky replacement
- Creating realistic transfer according to the new skies
(implementing color contrast transfer on part of the new image except the sky)
- Evaluate the result in each step using different methods

Possible results



References

http://vllab.ucmerced.edu/ytsai/SIGGRAPH16/siggraph16_sky_edit.pdf

<https://www.mathworks.com/help/images/image-segmentation.html>

<https://github.com/SaumyaRawat/Semantic-Aware-Colour-Transfer/blob/master/Report.pdf>