

Segmenting Waterways in Shanghai with DigitalGlobe Satellite Imagery

Chris Franzini



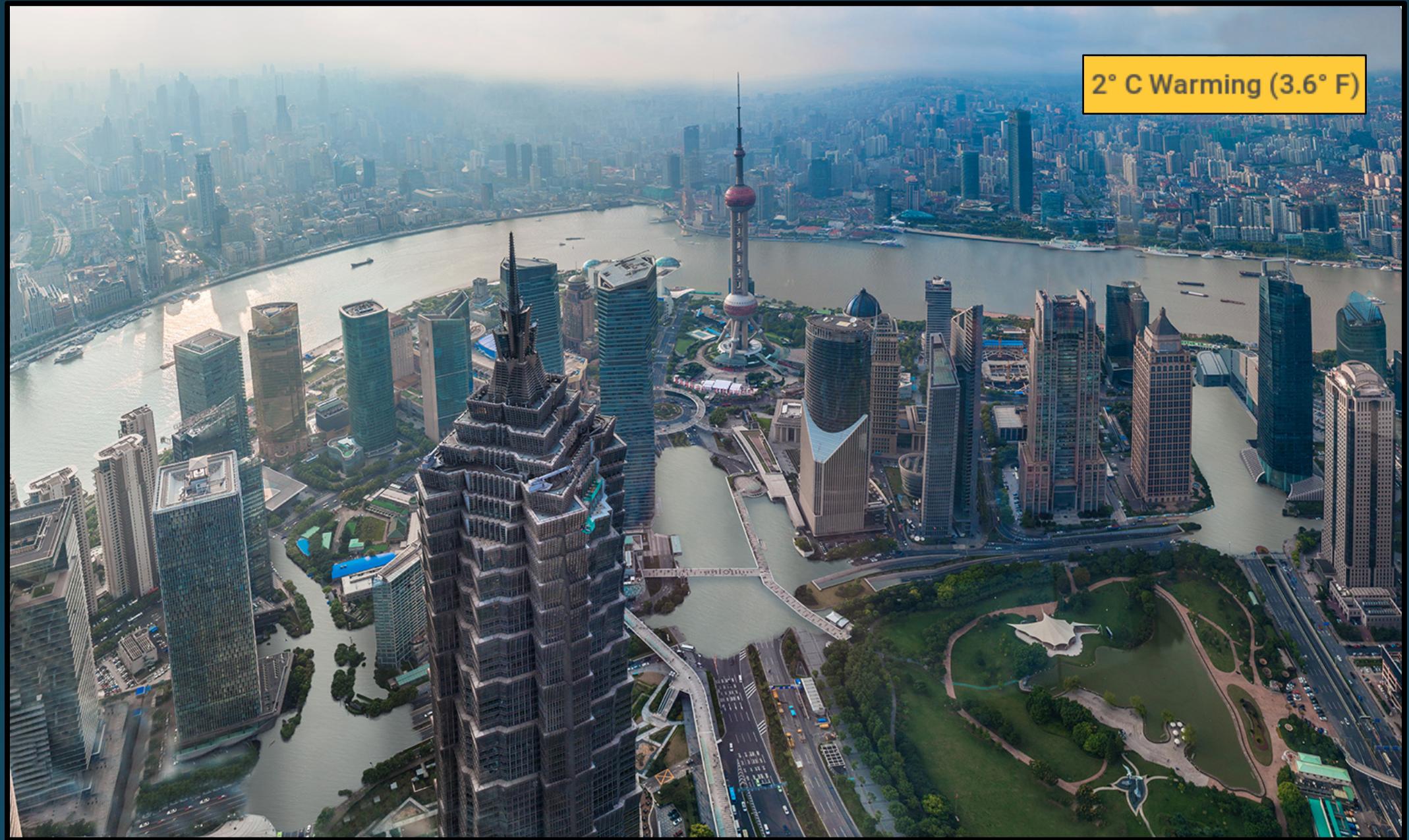
cjfranzini@gmail.com

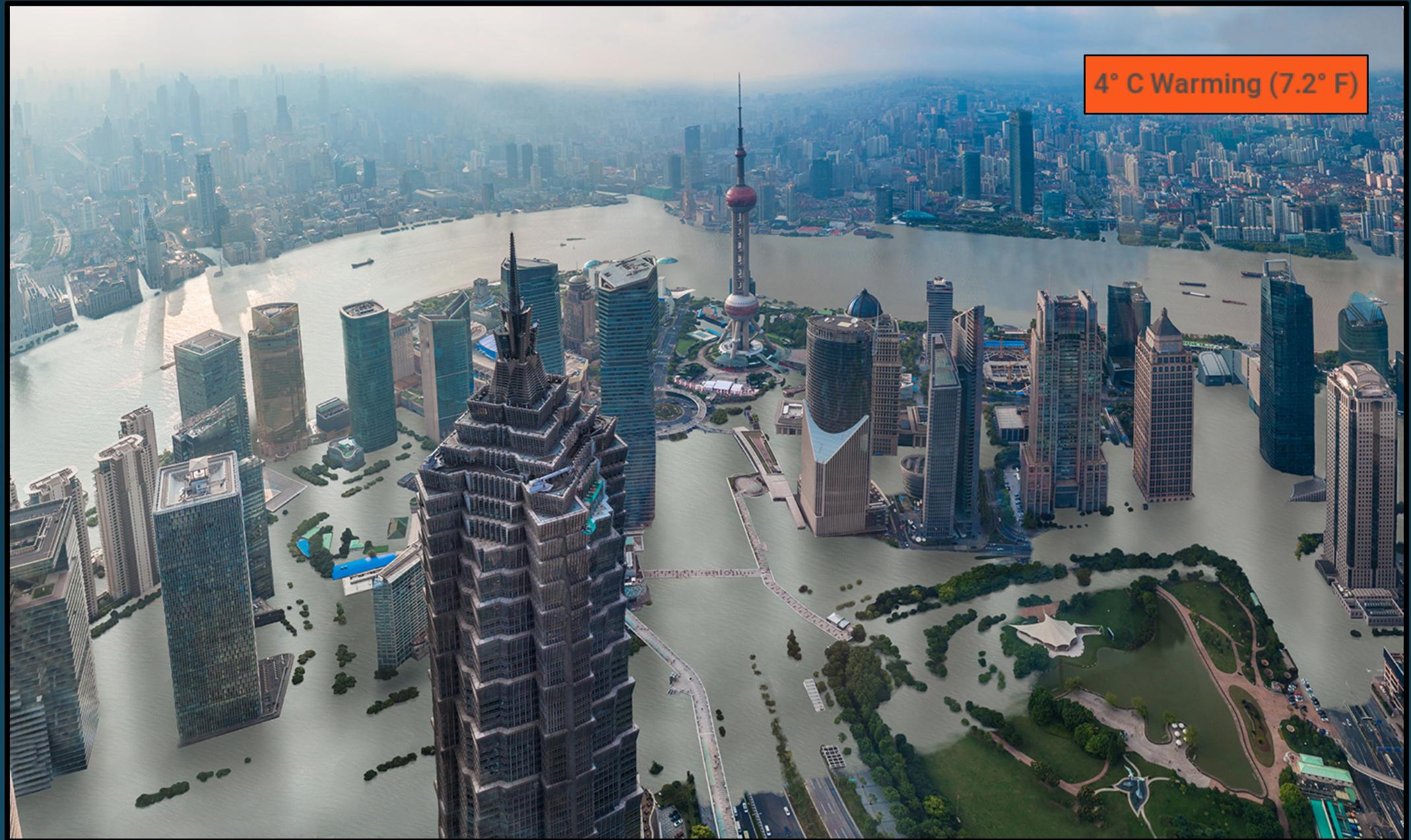


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Classification



Is this water?

Classification

Not Water

Water



Is this water? 🤔

Classification



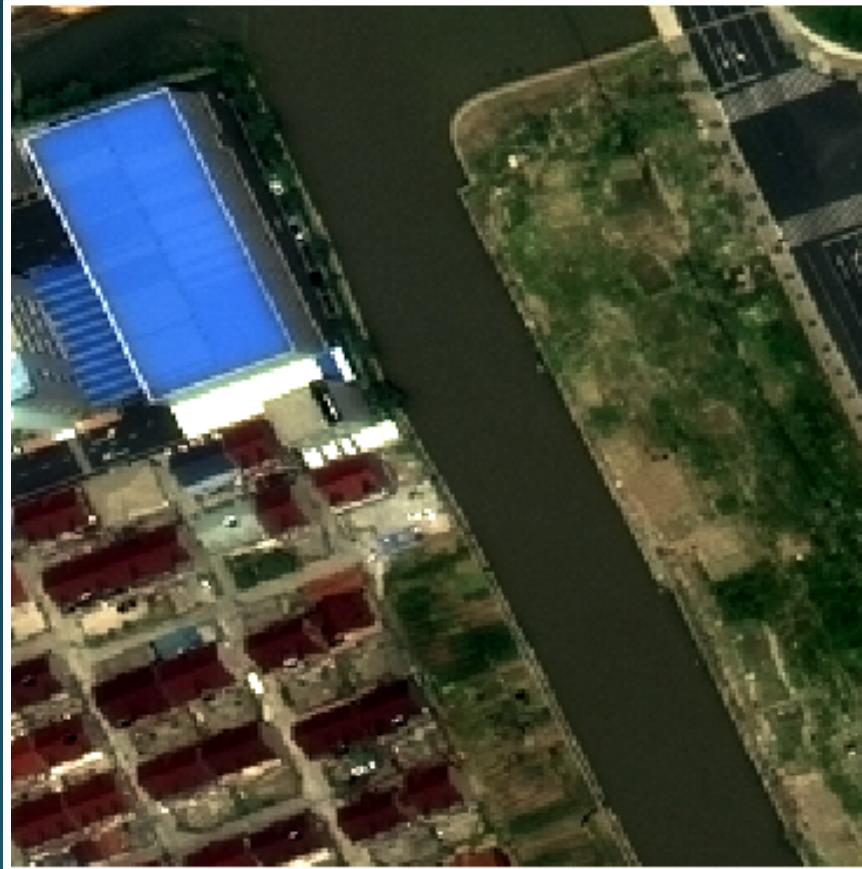
Is there water?

Classification

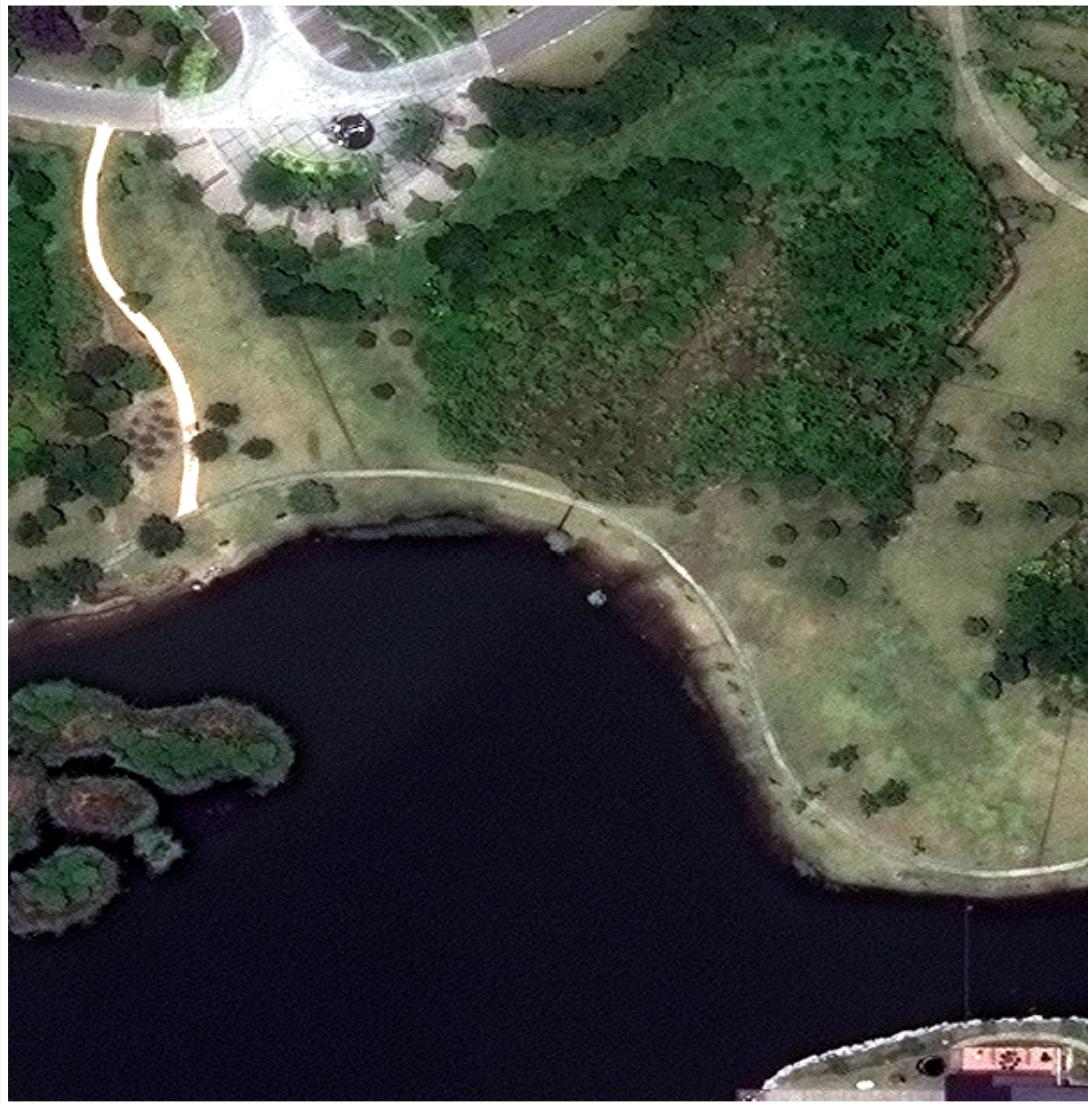


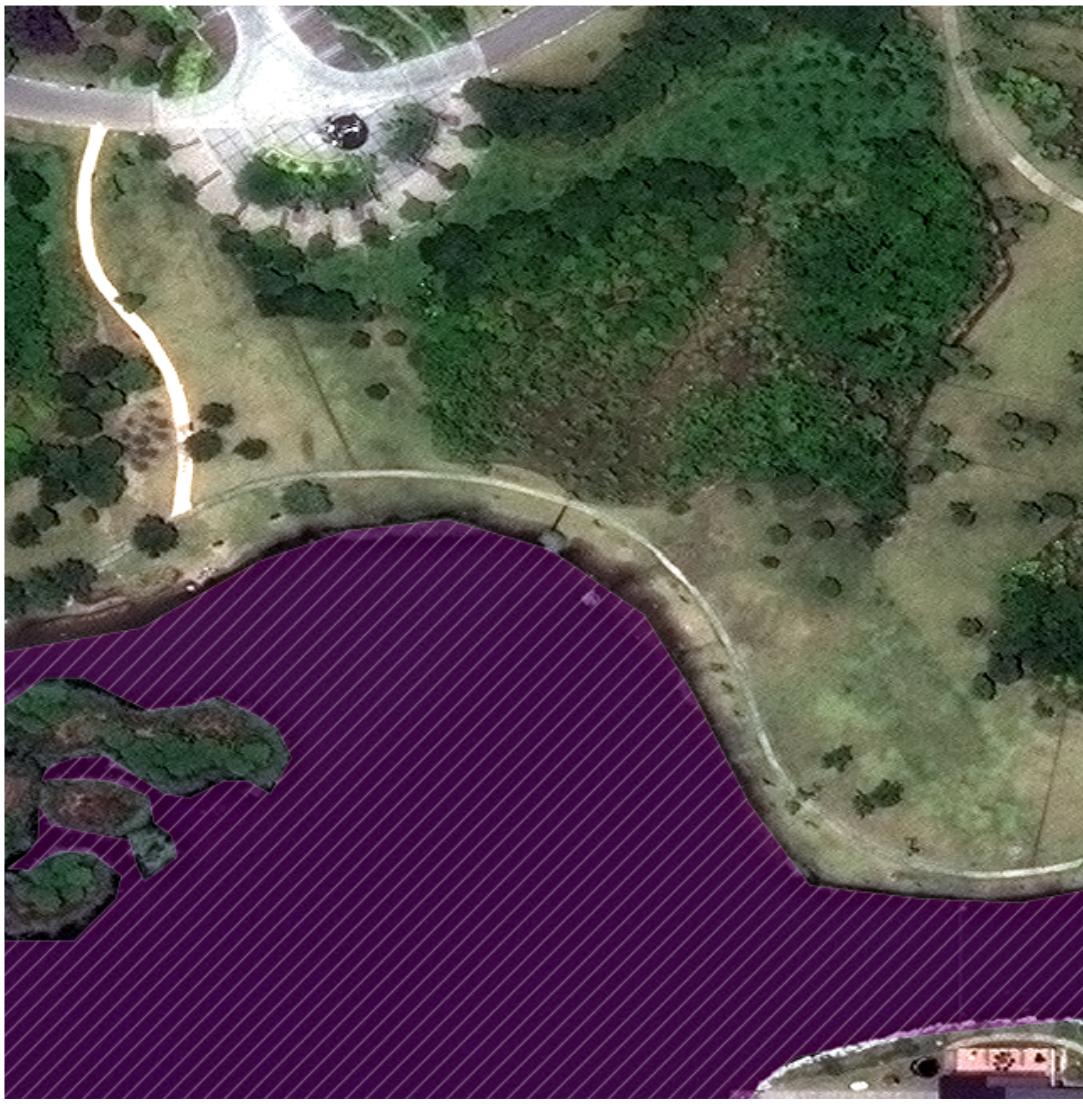
Is there water? ✓

Segmentation

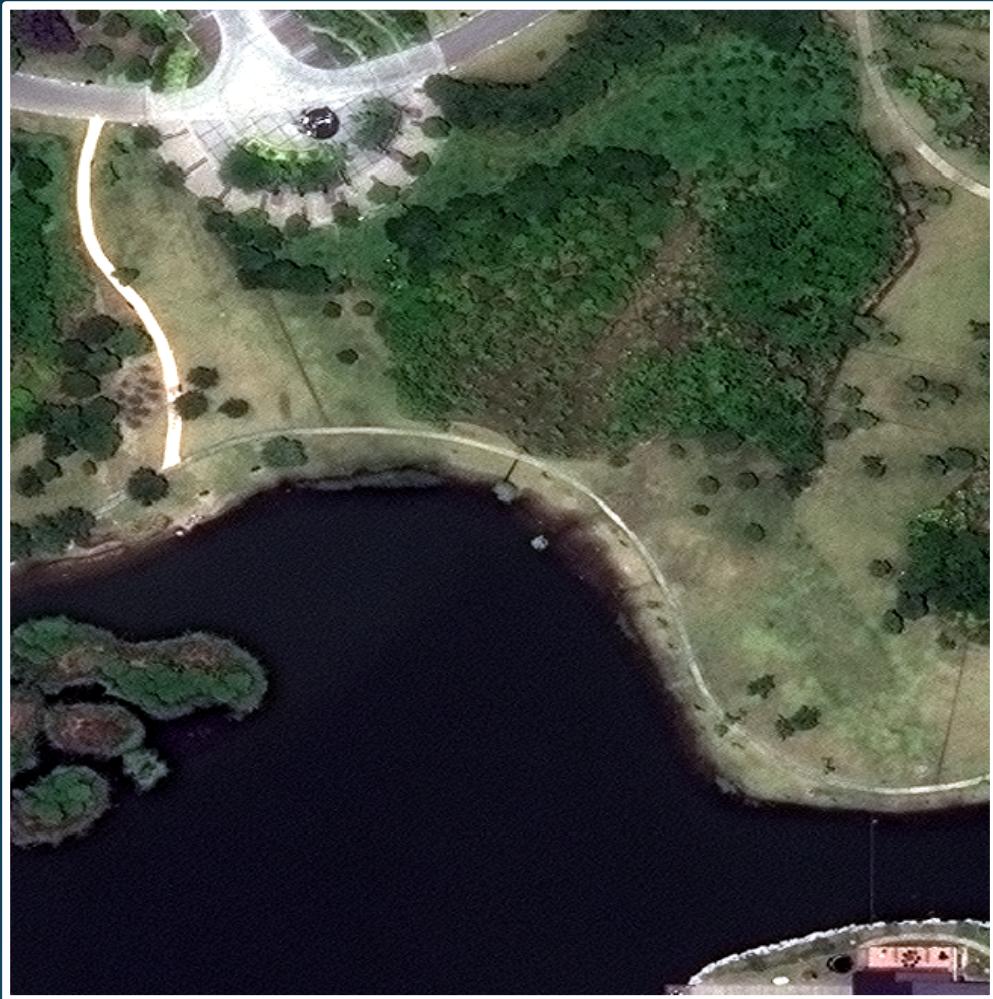


Where is there water?

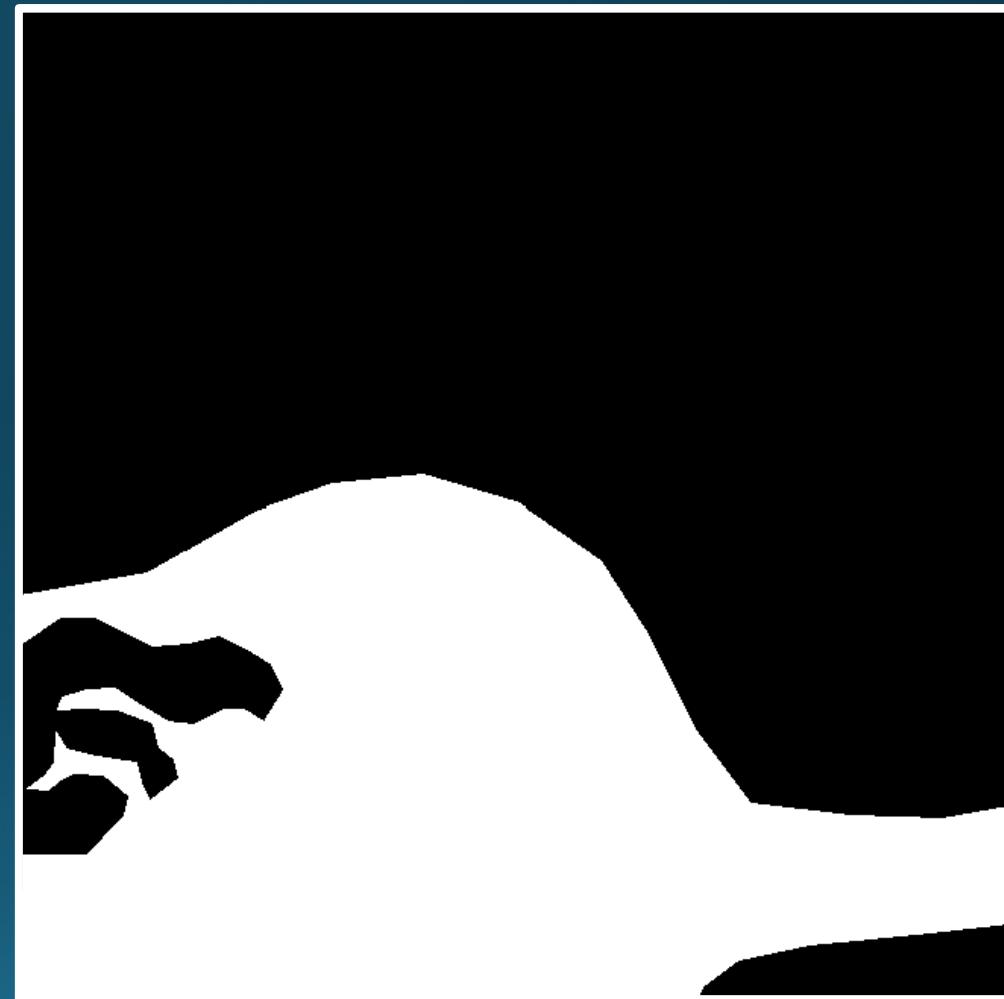








Original



Mask

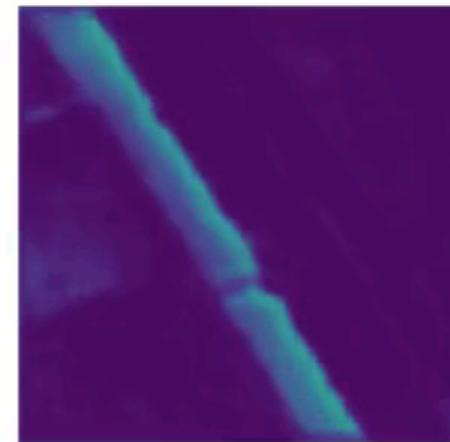
Image



Ground Truth



Prediction



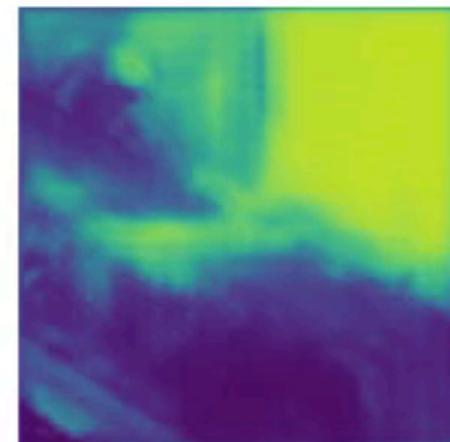
Image



Ground Truth



Prediction

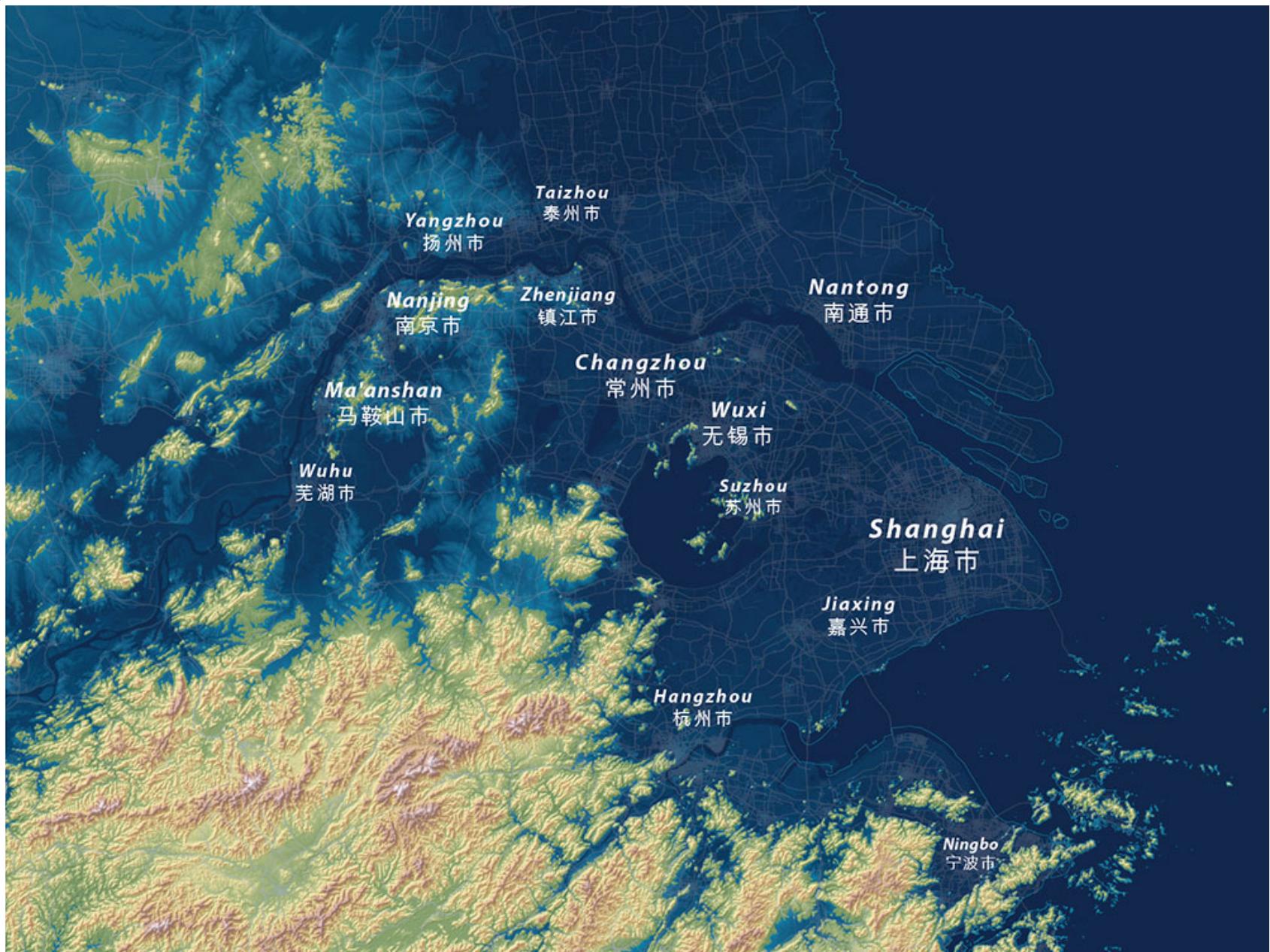


Epoch: 3/75





<https://www.thatsmags.com/shanghai/post/19235/shanghai-s-plum-rain-season-is-officially-here-and-it-ll-be-long>



Thank you

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