Raindrop Clarity: A Dual-Focused Dataset for Day and Night Raindrop Removal

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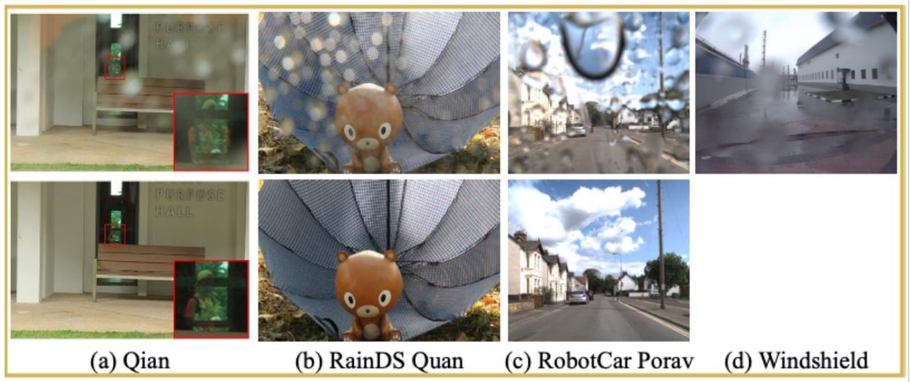
Homepage: https://jinyeying.github.io/

Introduction

Motivation

➢ Existing raindrop removal datasets:

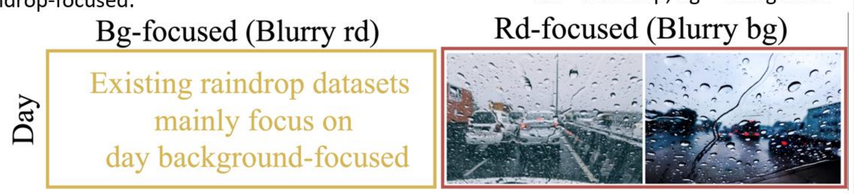


Main limitations: 1. ✗ raindrop-focused, 2. ✗ night raindrops.

Raindrop Datasets Problems

➢ Raindrop-focused:

Rd = Raindrop, Bg = Background

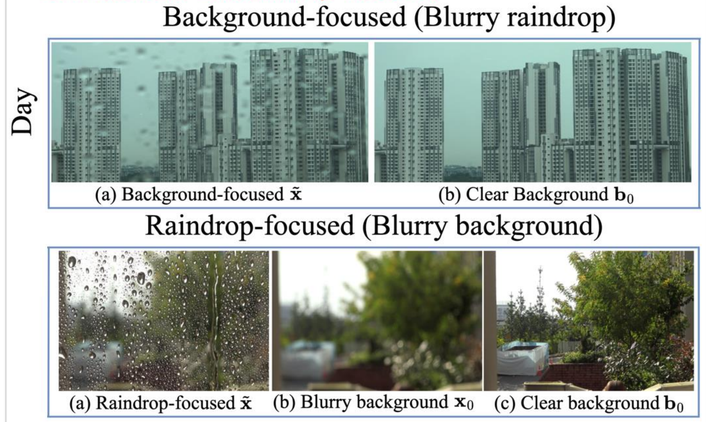


➢ Night raindrops:

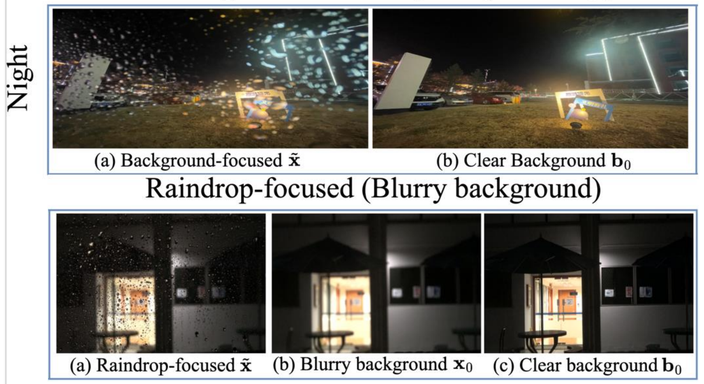
Main contributions: 1. ✓ raindrop-focused, 2. ✓ night raindrops.

Contributions

Contribution 1: Raindrop-focused



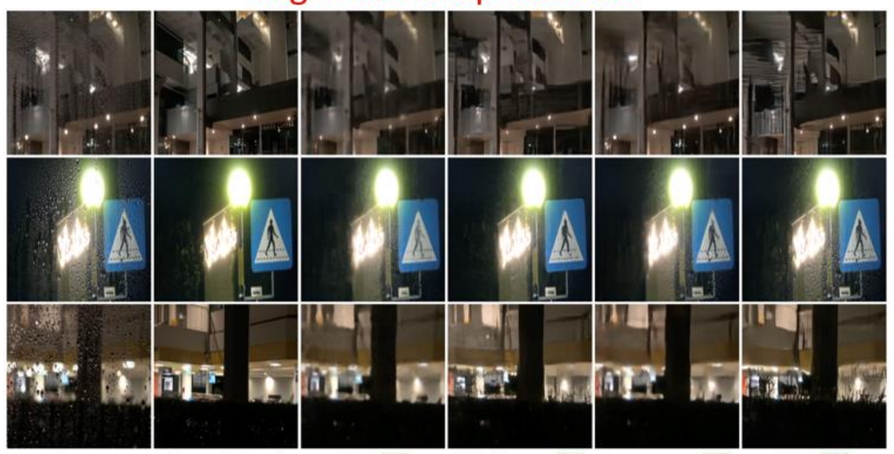
Contribution 2: Night Raindrops



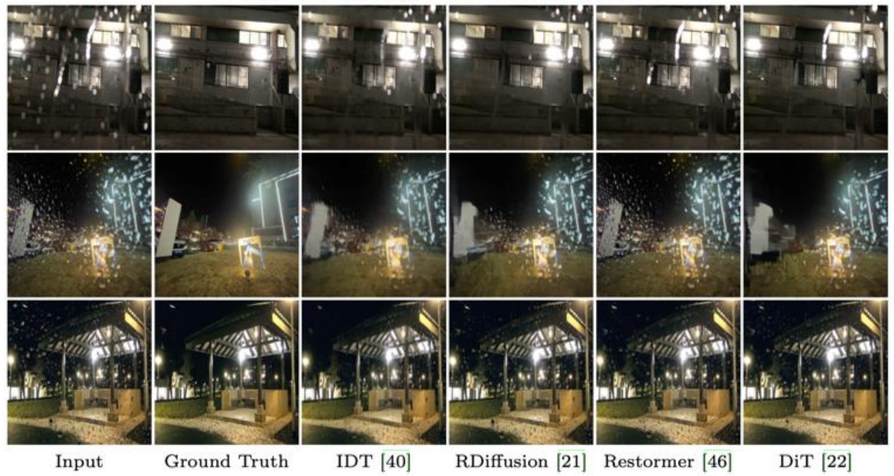
Benchmark Results

Day Raindrop-focused

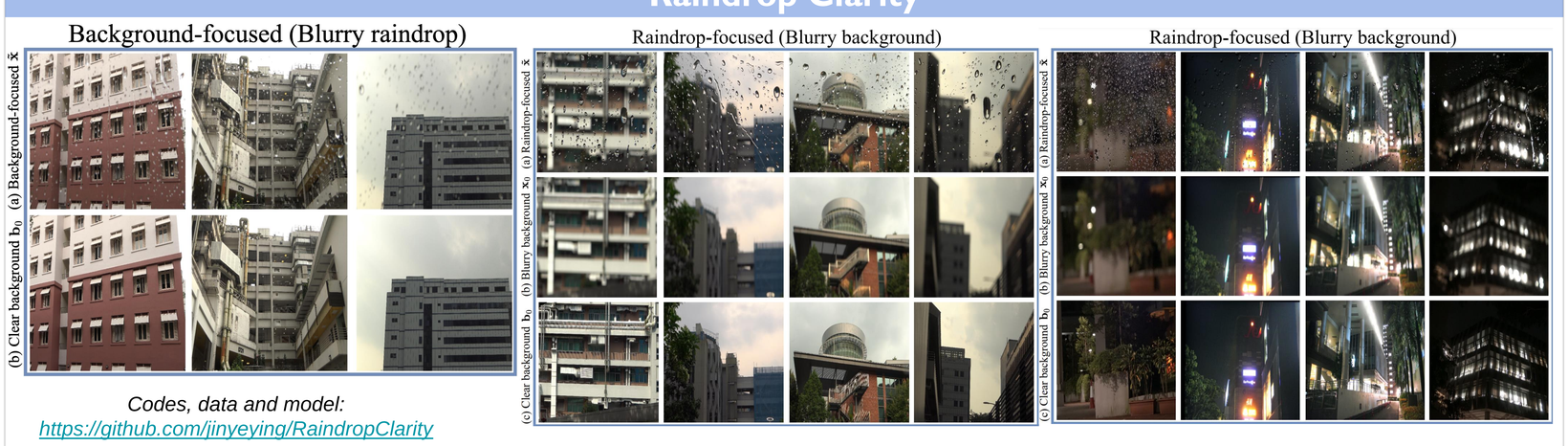
Night Raindrop-focused



Night Background-focused



Raindrop Clarity



Codes, data and model:
https://github.com/jinyeying/RaindropClarity