

Monitoring of Construction Stages in Satellite Imagery

Sequence

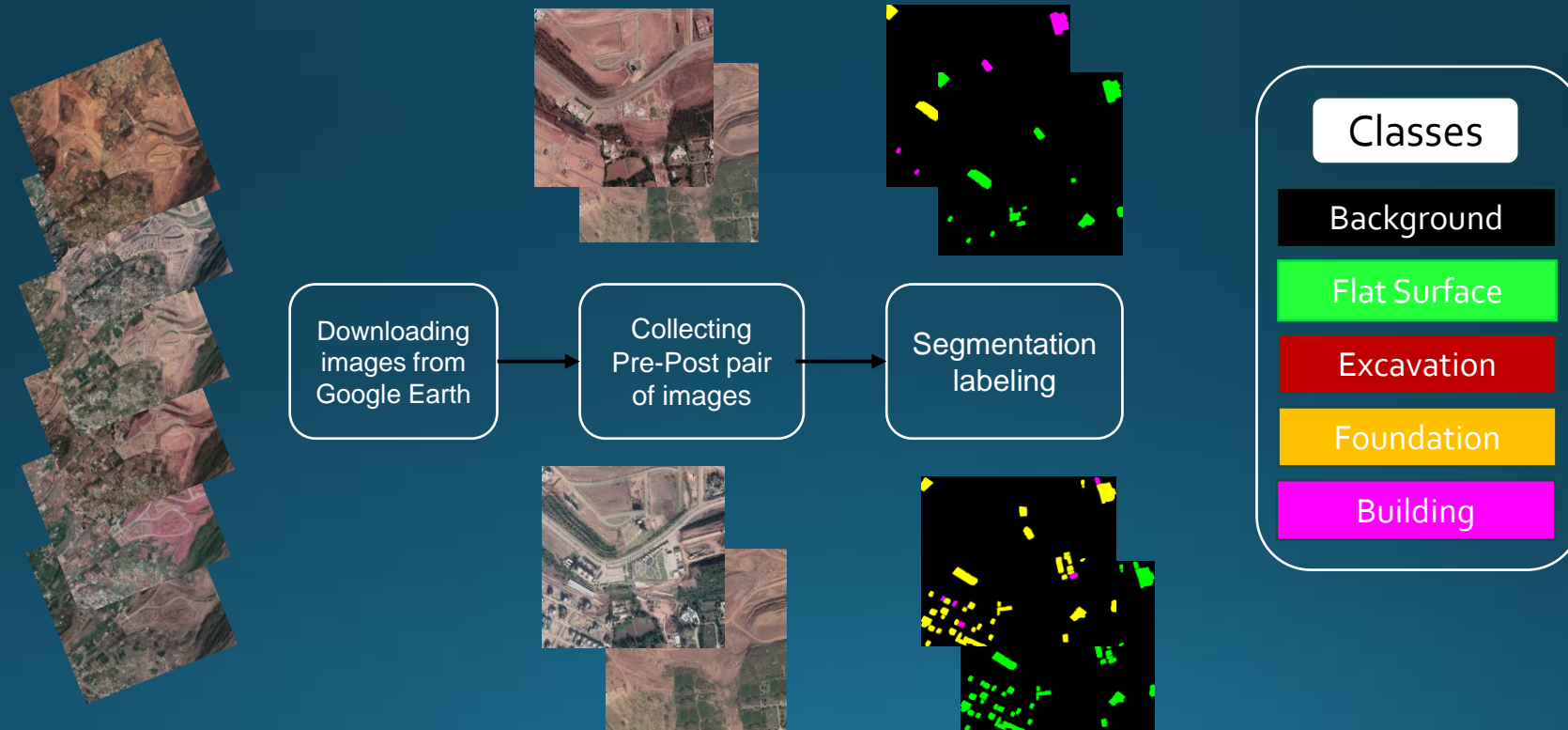
- Introduction
- Methodology
- Results
- Way Forward

Introduction

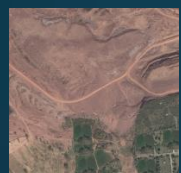
The aim of this pipeline is to monitor the construction stages of infrastructure in satellite imagery

Methodology

Dataset Generation



Methodology

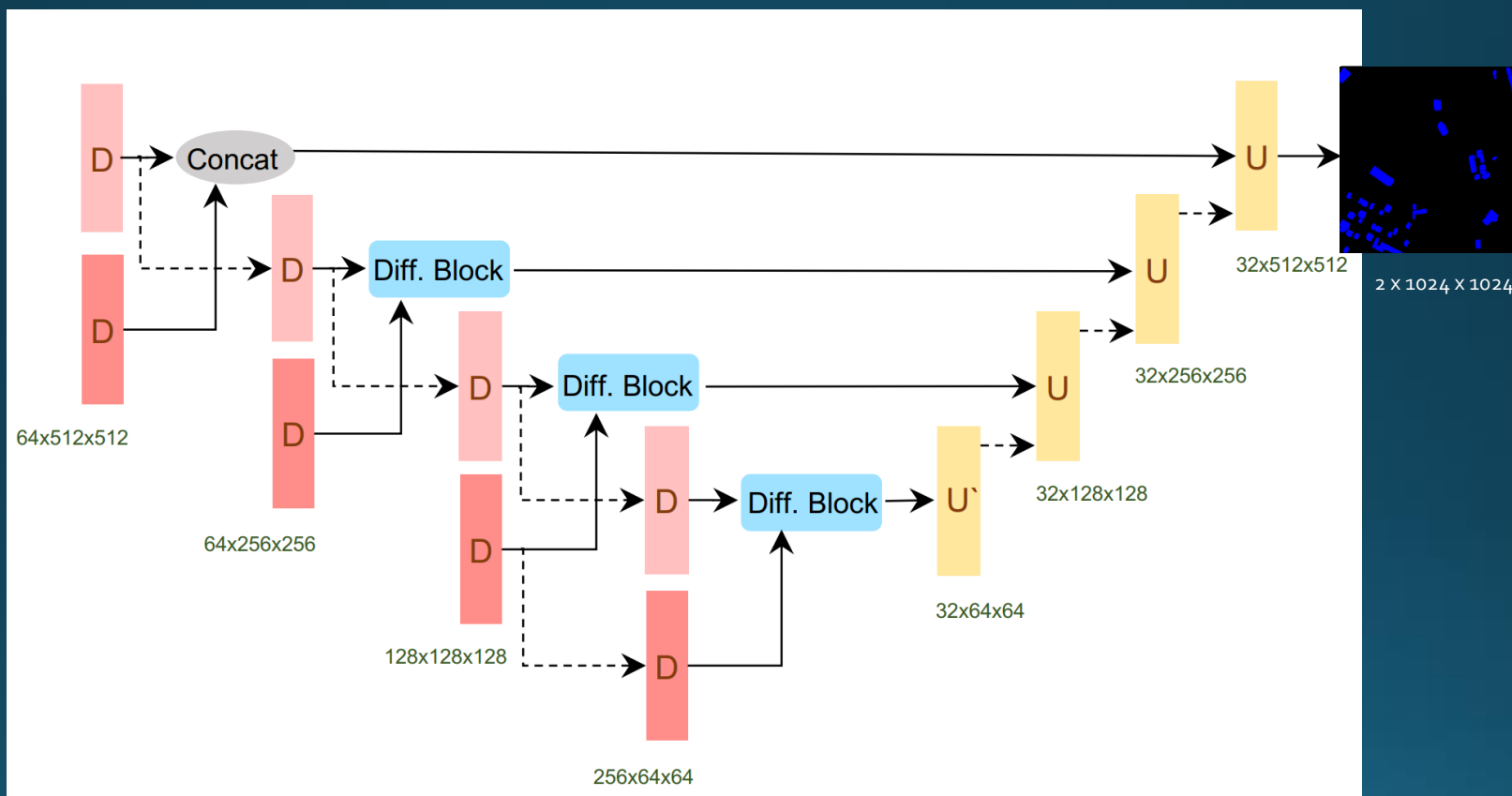


Pre-Construction



Post-Construction

$3 \times 1024 \times 1024$



Results

Pre

Post

Result



Classes

Background

Flat Surface

Excavation

Foundation

Building

Results

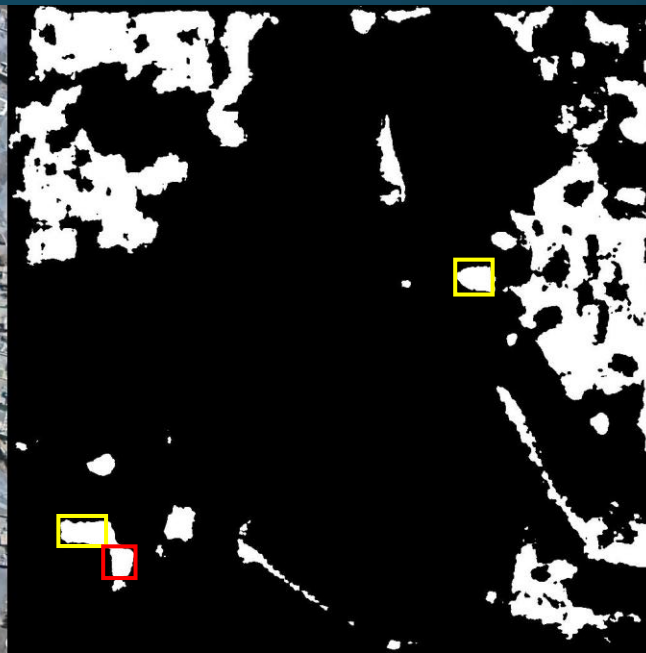
Pre



Post



Result



Classes

Background

Flat Surface

Excavation

Foundation

Building

Way Forward

- Data collection for Ops related construction stages
- Classification of Construction Stages
- Timeline wise sequential stages classification

Pre



Post.1



Post.2



Post.3



Classes

Background

Flat Surface

Excavation

Foundation

Building