

# G5

## PROJECT DOCUMENTATION



# Executable Architecture

Aerial Imagery Initiative

# Demonstration Video

Video demonstrating the execution and workflow of the system to extract flood extents from aerial imagery.

<https://drive.google.com/file/d/1mfuKjm9EDEMuoxm8idaL1VW8ZNryWO8U/view?usp=sharing>

# Jupyter Notebook

The Jupyter Notebook containing the python programming and process used in the demonstration video. The Notebook is designed to be run with the DCS AWS environment.

[https://github.com/ablewitt/ITC303-Documents/blob/main/Notebooks/2.4\\_CV\\_Adam\\_GMM\\_Contours.ipynb](https://github.com/ablewitt/ITC303-Documents/blob/main/Notebooks/2.4_CV_Adam_GMM_Contours.ipynb)

## References

### Title page cover photo.

South Bank flooded. (2011). Retrieved from

<https://www.abc.net.au/news/2011-06-03/brisbane-floods3a-before-and-after-article/2742794?nw=0>

