

# Meeting Minutes

Date: 2021-07-21 Time: 8:00pm

## Attendees

- Adam
- Patrick
- Cameron
- Andrew
- Darrent

## Apologies

- N/A

## Agenda

### ❖ Meeting content

Pat presented an overview of PM activities in confluence / Jira. Explains that the system will help pull everyone's ideas and work together in one spot. Also provides a central knowledge base.

Cam mentions the possibility of using ML to reduce features in images. Possible pre or post processing.

Adam expresses plans of developing an “end to end” solution to show current progress.

Andrew / Pat talk of possible python packages to build shape files:

`qgis` `qgis-plugin-grass` `pyhton-qgis`  
`Pyshp`

Discussions of current vgg annotation status. Decision made to focus on images with water / flood. “Otherwise’ annotation tag to be used as non flood items.

Darren suggests training a ML model with the annotation data we have. Team agrees it might be worth a go to at least familiarise ourselves with the process.

Adam informed the group of the possibility of missing meeting with Nik on friday. Gave a brief on current progress and adoption of Jaccard / IoU scoring to determine testing accuracy.

Pat / Darren gave an overview of testing requirements and ensuring we are aiming towards successful testing for the next assessment.

Darren asks if colour correction is still needed to correct colour differences between images. Decision is that this is worthwhile as balancing colours could mean the difference between systems working on future data sets.

#### ❖ Issues and Challenges

Cam having issues with AWS CLI. To attempt setup with aws-maf pip package.

Pat / Darren with broken images for vgg annotations. Only seems to be a very small amount and not of concern.

#### ❖ Review Previous Iteration Work Items

#### ❖ New Iteration Work Items

#### ❖ To Be Actioned

#### ❖ Assigned Roles