Advanced QGIS (NESAC Workshop)

Automate your workflows and explore hidden features of QGIS

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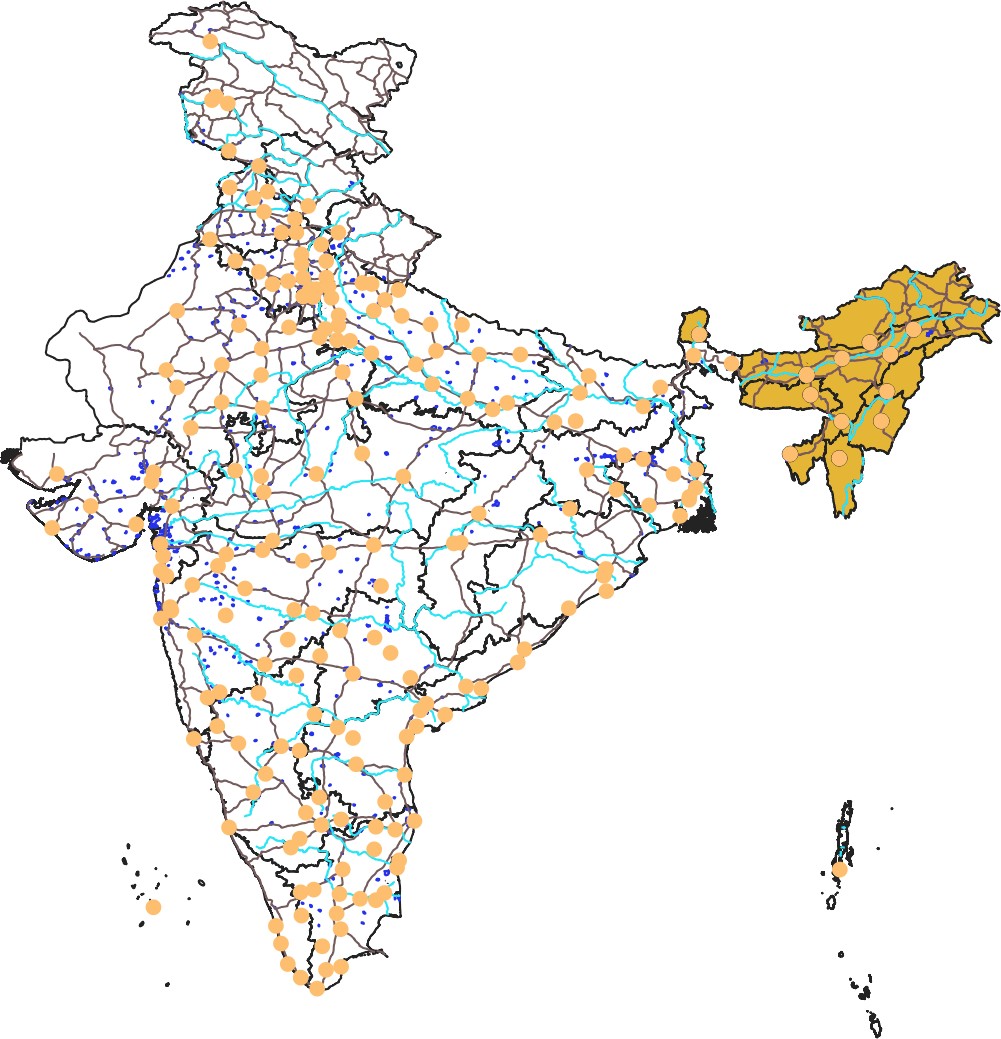
2

# Batch Processing

Project: batch\_processing.qgz

## Key Concepts

* Variables
* QGIS Locator Bar (Ctrl + K)
* GeoPackage
* Browser Panel for quick import
* Important: Processing Modeler Settings - *Use filename as layer name*



Fun fact: Time for an easter egg

# Processing Modeler for Automating Complex Work- flows

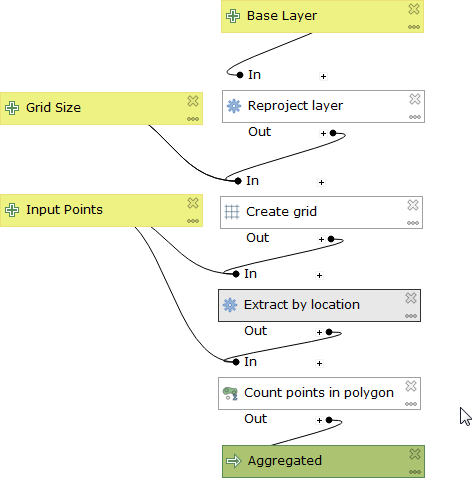
Project: maritime\_piracy.qgz Project: assam\_roads.qgz

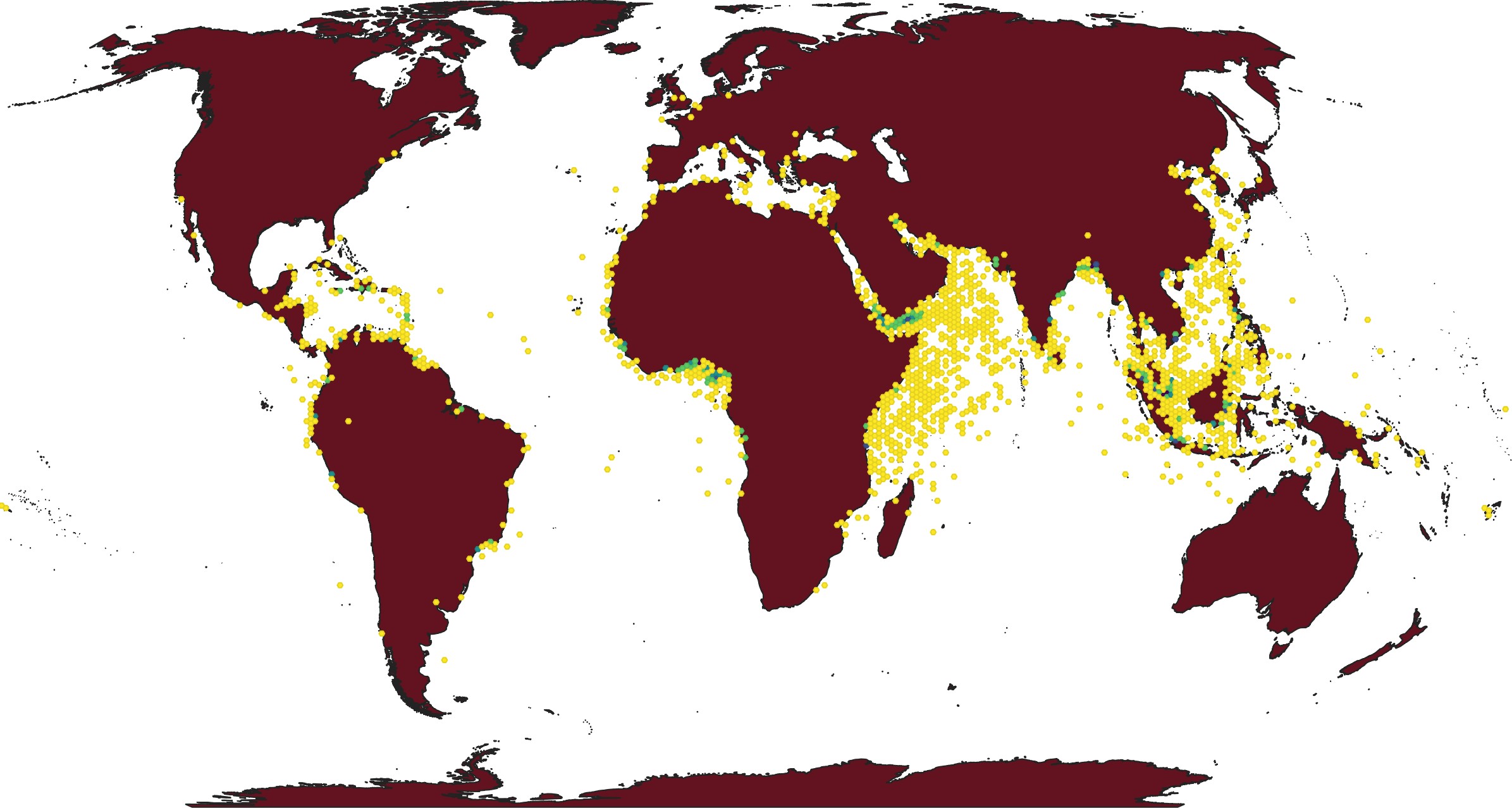
## Key Concepts

* Equal Earth Projection
* Custom CRS **Settings → Custom Projection**

+proj=eqearth +datum=WGS84 +wktext

* Layer Styling Panel
* Data Defined Overrides for Styling
* Saving models in Projects





Fun fact: Time for another easter egg.

## Exercise

Open project assam\_roads.qgz. Create a model to produce a district layer that has total length of roads contained in each district.

# Print Layer Atlas for Batch Map Creation

Project: meghalaya.qgz



## Key Concepts

* Atlas tool
* atlas variables
* $id = @atlas\_featureid
* Inverted polygon renderer

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