

ArcGIS to QGIS in One Easy Lesson with SLYR

FOSS4G Online UK 2020
Ant Scott MapAction
17 June 2020

What we do

Humanitarian mapping charity that works through skilled volunteers

We help target and coordinate the delivery of humanitarian aid

Since 2002 we have responded directly to around 100 emergencies and many more remotely



Cameroon
Central African F
Côte d'Ivoire
Iraq
Libya
Nigeria
South Sudan
Syria

Lesotho
Namibia
Niger
Sahel

Liberia
Mali
Sierra Leone

Ecuador
Haiti
Indonesia
Nepal
Pakistan
Tanzania

FOOD
SECURITY

EBOLA

CONFLICT

EARTHQUAKE

DISASTER
RESPONSE

WILDFIRES

LANDSLIDE

VOLCANO

Haiti x3
India
Jamaica x2
Madagascar x2
Myanmar x2
Philippines x4
St Lucia
Turks & Caicos
Vanuatu x2
Yemen

Chile

Sierra Leone

Cape Verde x2
Indonesia

Albania
Belarus
Bolivia
Burkina Faso
Chad
Comoros Islands
El Salvador
Ghana
India
Kenya
Paraguay x3
Peru
Serbia
Sudan
Suriname

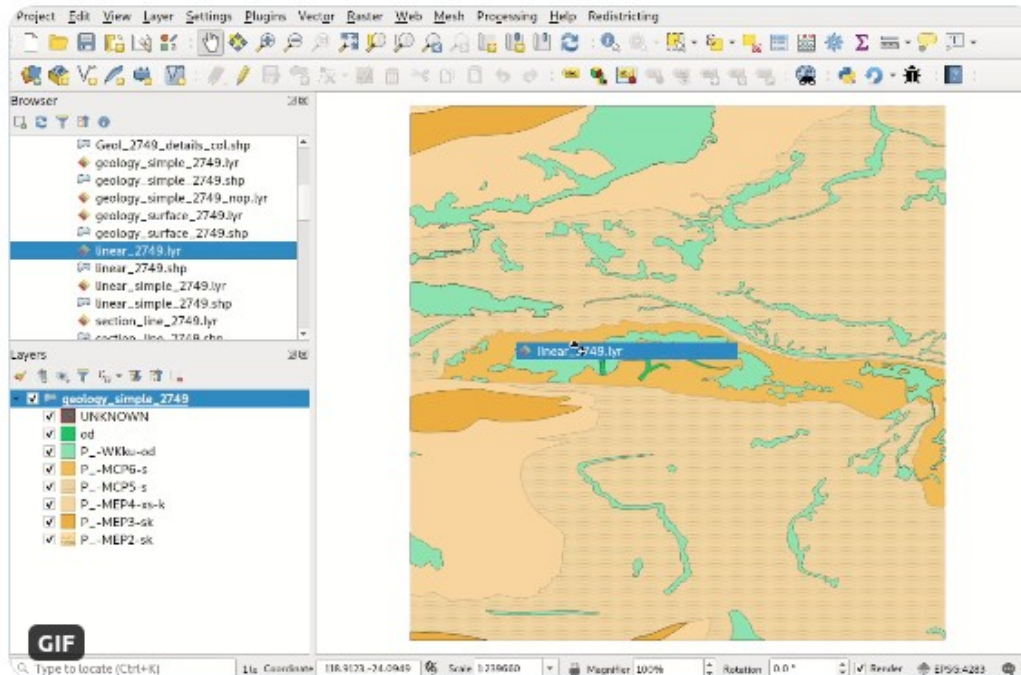
- **102** Emergency Response
- **60** Preparedness
- **240** Training, Simulation
- **160** Remote Support



North Road
@northroadgeo



Our automated ESRI to #QGIS conversion tool just hit a major milestone: now you can directly open vector .lyr files within QGIS, with symbology converted automatically for you. No ArcMap required! Read more at north-road.com/slyr/



12:33 PM · Apr 18, 2019 · [Twitter Web Client](#)

A woman with long blonde hair, wearing a bright yellow cable-knit beanie and a black puffy jacket, stands in the middle of a narrow, cobblestone city street. She is making a playful, pouting face and holding up both hands with her index and middle fingers extended. She is wearing a large turquoise ring on her right hand and a smaller ring on her left. The street is lined with red brick buildings, and the background is softly blurred, showing more of the street and buildings. The text "Demo time..." is overlaid on the left side of the image in a blue, sans-serif font.

Demo time...

Photo by Dayne Topkin on Unsplash

Look out for:

- Fonts
- Vbscript (e.g. label expressions)
- Inkscape (.emf > svg)
- Arc and Excel

The fanfare
of birds
announces
the morning.

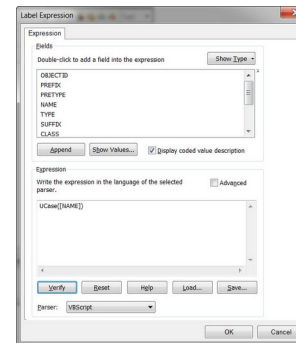
DejaVu Serif
8 font faces

በዝናብ ውስጥ
የሚፈነጥቅ የፀሀይ
ጨረራ ማየት...

Ebrima
2 font faces



EmojiOne Color
1 font face



Microsoft Access Database Engine 2016 Redistributable

Important! Selecting a language below will dynamically change the complete page content to that language.

Language: English

Download

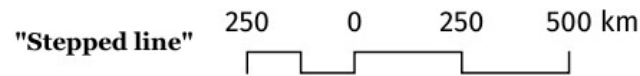
How are we using this?



Bonus: QGIS fixes!

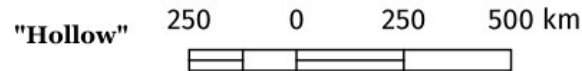
Embedded images in QGIS print layouts!

Random marker fill!



Marker north arrows!

Scalebar numeric formats



Improved legend customisation!

Hollow and stepped line scale bars!



Photo by Brooke Lark on Unsplash

What's next?

- Joins and relations
- Data driven pages
- Metadata
- Drag and drop layers from Arc to QGIS
- AVL style
- Dumping MXD or LYR to json
- MXT and PMF
- ArcScene SXD

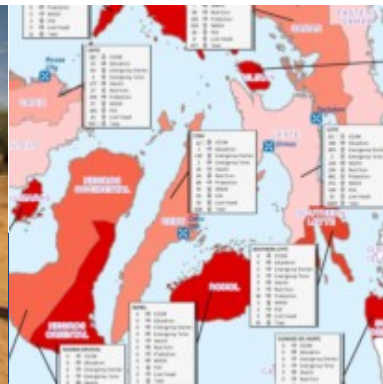
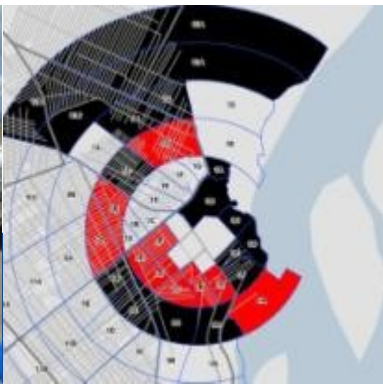


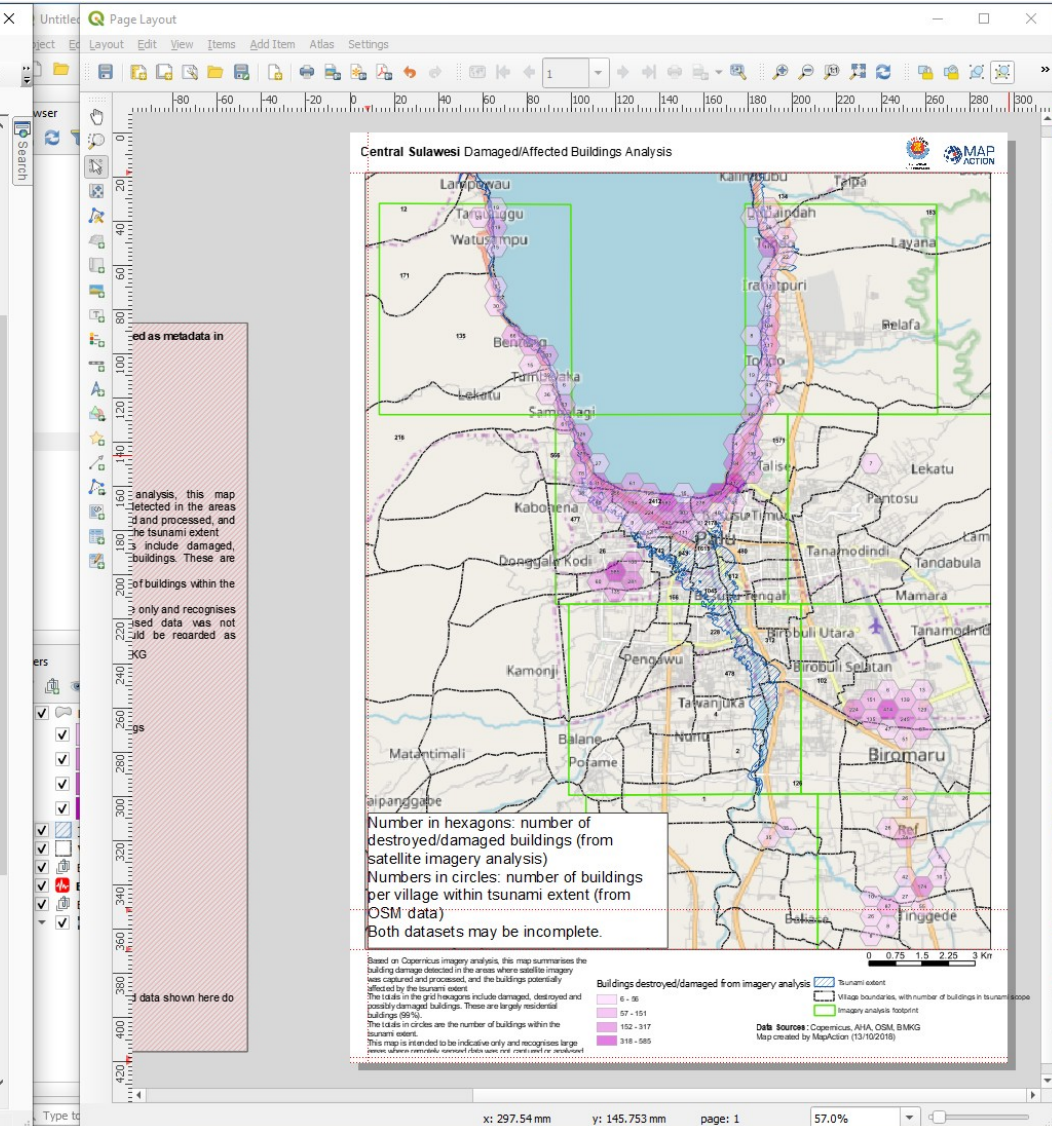
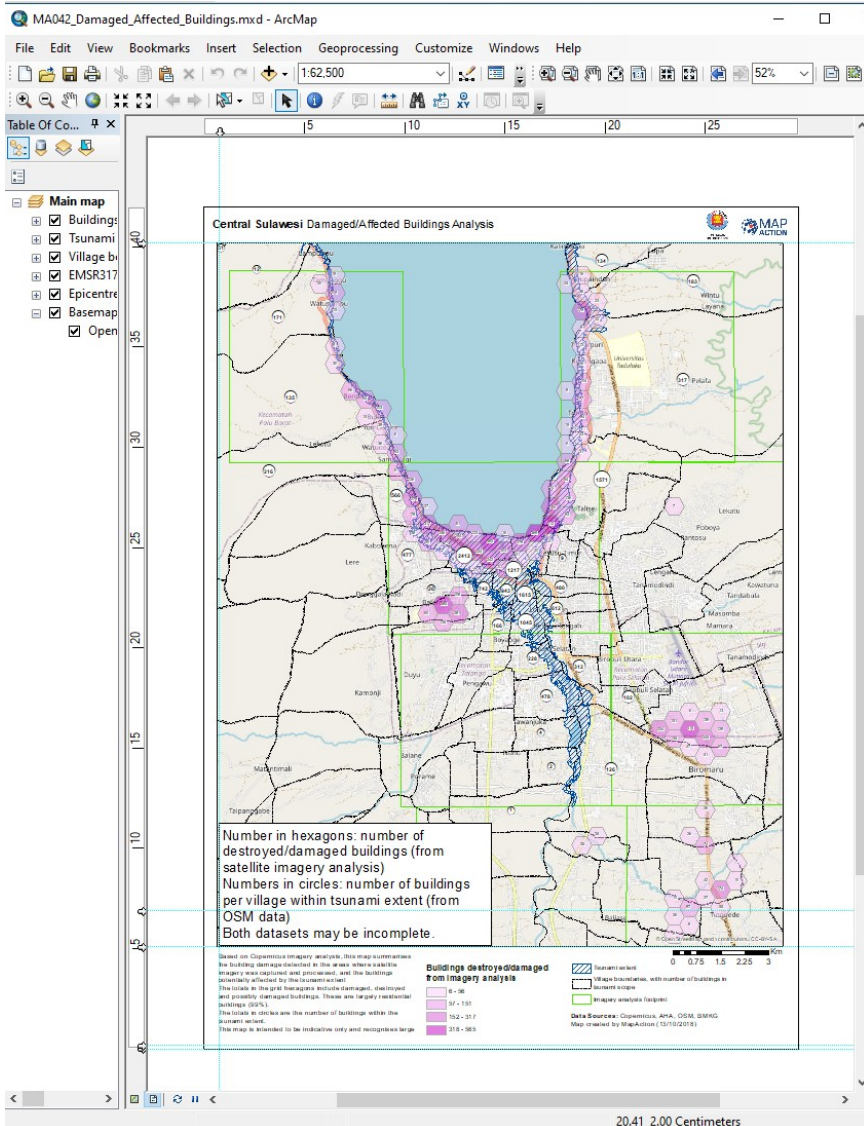
Photo by Glen Carrie on Unsplash



MAP ACTION

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Project Templates

New Empty Project

Convert ESRI Style to QGIS Style XML

Parameters

Log

Style database

[Empty text field]

Destination XML file

[Save to temporary file]

Unconvertable symbols report [optional]

[Skip output]

☐ Open output file after running algorithm

Convert ESRI style to QGIS style XML

Converts ESRI style database to a QGIS XML Style library

0%

Cancel

Run as Batch Process...

Run

Close

Processing Toolbox

Search...

- Recently used
- Cartography
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 - Style databases
 - Convert ESRI style to GPL color palette
 - Convert ESRI style to QGIS style XML
- SXD documents

