Google Earth Engine

Sharable legacy assets are available commented at the top of the code. This includes area of interest (AOI) or the relevant canal buffer zone. These are both exported from QGIS.

## Collection 1 Landsat 5 and 7 NDVI time series. No Harmonisation

**SR**

https://code.earthengine.google.com/0fe02f2c2e59a485114a26691a178bc5

**TOA**

https://code.earthengine.google.com/2236374862f7d13bb0c9179b88ef530c

## Collection 2 Landsat 5, 7, 8 and 9 NDVI time series with differing levels of harmonisation.

**SR: No Harmonisation**

https://code.earthengine.google.com/27f3ed6ae5db655e4f49cebacf99ddf3

**SR: Cloud Mask only**

https://code.earthengine.google.com/f998df2f8caa0ce4cb8661b589b389a6

**SR: OLS Regression only**

https://code.earthengine.google.com/4adf638d5ba5e1ca1cb316ba4935ce5b

**SR: Harmonised (cloud mask and OLS regression)**

https://code.earthengine.google.com/897b86522886d5960a2f5aa64f004b3c

**TOA: No Harmonisation**

https://code.earthengine.google.com/ae0554ac884e7cdb1df4f546a6dd93ce

**TOA: Cloud Mask only**

https://code.earthengine.google.com/279a3681f6f76f964bdeb37771cfc2da

**TOA: OLS Regression only**

https://code.earthengine.google.com/7ae6ffbb688fcecd9a946bd7d4e3330f

**TOA: Harmonised (cloud mask and OLS regression)**

https://code.earthengine.google.com/2b701f32f778a241f381bb0824d8a312

## Sentinel 2 NDVI

**Raw NDVI:**

https://code.earthengine.google.com/690ee46cf9d1233e467a839663b32f0d

**Classified NDVI:**

https://code.earthengine.google.com/204ec914adbc5a9b537157956bcfb33b

## Canal Buffer Zones: Sentinel 2. NDVI time series.

**Ancient Canals: 9m buffer**

<https://code.earthengine.google.com/c544f799f590c13720e680e74cbaabd1>

**Ancient Canals: 21m buffer**

<https://code.earthengine.google.com/843b2086bfee2bf751271f6364c0ca5e>

**Ancient Canals: 27m buffer**

https://code.earthengine.google.com/c3d362dba2782a14d58b7354a7778c3e

**Ancient Canals: 37m buffer**

https://code.earthengine.google.com/4977d935266b71841326c670554805a9

**Ancient Canals: 55m buffer**

https://code.earthengine.google.com/93dfca0d148d95674d92dda9a2331e1e

**Historic and 20th Century Canals: 9m buffer**

https://code.earthengine.google.com/ae3fa2ad534dd8a5151a054fc55411b9

**Historic and 20th Century Canals: 21m buffer**

https://code.earthengine.google.com/cb7b3001c4d73bb9dade7966c2d32fc5

**Historic and 20th Century Canals: 27m buffer**

https://code.earthengine.google.com/53cad89a3db0c3ea70455f751b338510

**Historic and 20th Century Canals: 37m buffer**

https://code.earthengine.google.com/bc70851c5a679a215ad4432be62a15c1

**Historic and 20th Century Canals: 55m buffer**

https://code.earthengine.google.com/7c8db43f466ca63a2d231644249698f0