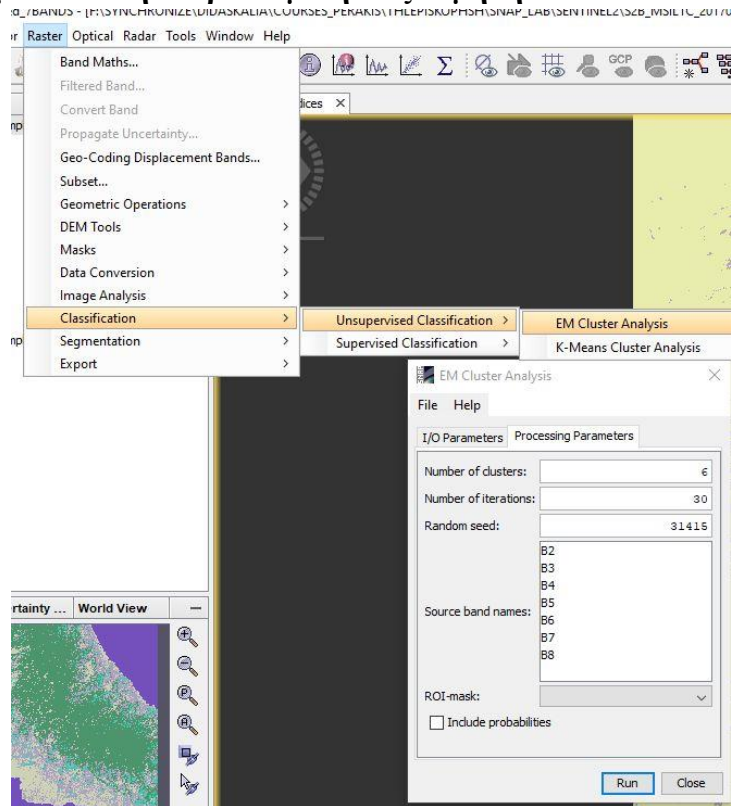


# ΜΗ ΕΠΙΒΛΕΠΟΜΕΝΗ ΤΑΞΙΝΟΜΗΣΗ: UNSUPERVISED CLASSIFICATION

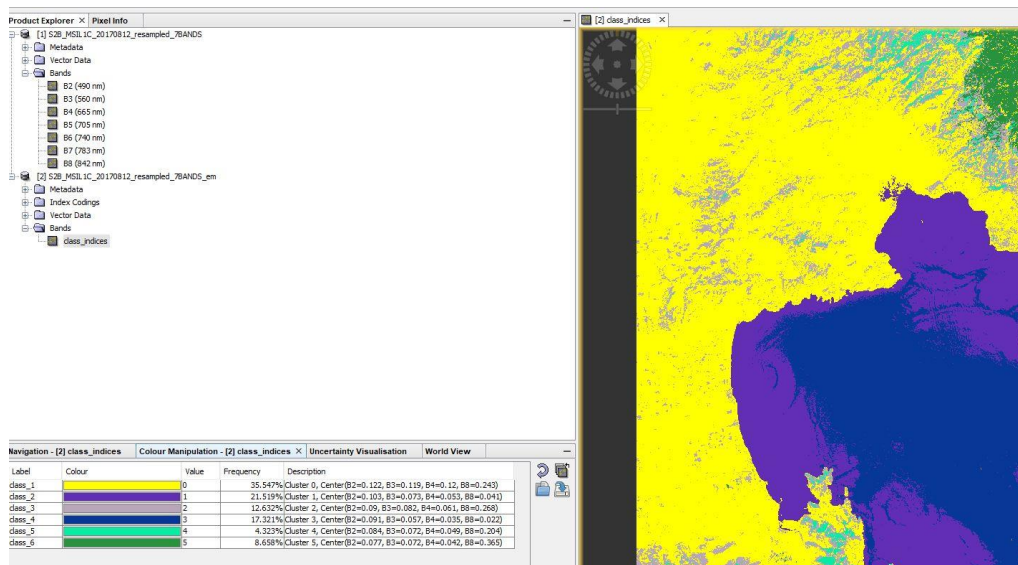
## 1. Δημιουργία 6 θεματικών ομάδων. Μη Επιβλεπόμενη Ταξινόμηση

- Raster – Classification– Unsupervised Classification – EM Cluster Analysis or K-Means
- Number of Cluster
- Επιλογή 4 καναλιών: B2, B3, B4, B8



## 2. Επιλέξτε: Color Manipulation

Αλλάζτε το χρώμα



- Export geotiff data
- Export στο QGIS
- Raster to Vector : RASTER – Conversion - Polygonise

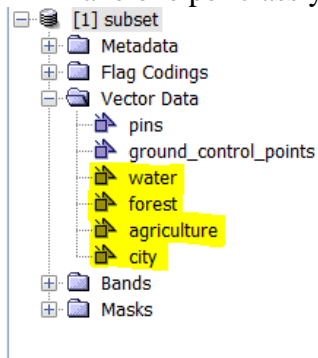
## Επιβλεπόμενη Ταξινόμηση: Supervised Classification

### ΒΗΜΑΤΑ

1. For a supervised classification you have to define geometries including your training areas.



Make one per class you want to detect.



They are stored in the vector Data folder. **File > save product.**



2. You can then select a supervised classifier, but make sure you know a little about how they and corresponding parameters work. KNN is quite simple and you can't do much wrong with it. Your trained classes should appear in the dialogue:

