



# CENTRUM BADAŃ KOSMICZNYCH Polskiej Akademii Nauk

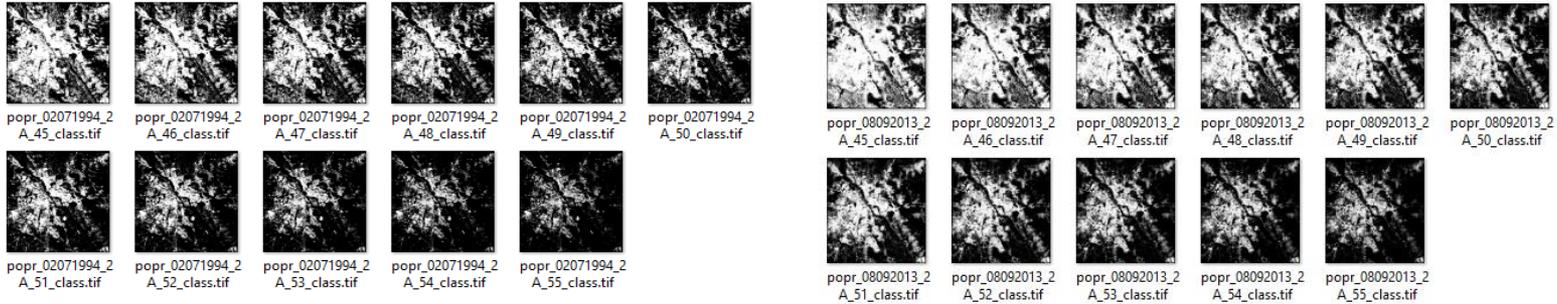
## Change detection approaches used by Earth Observation Group in CBK PAN

Sebastian Aleksandrowicz  
saleksandrowicz@cbk.waw.pl

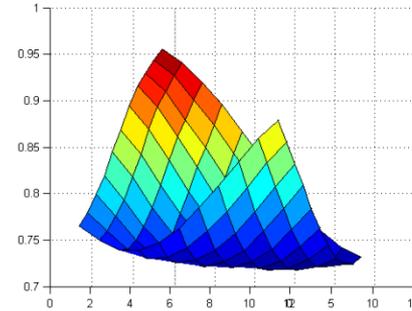
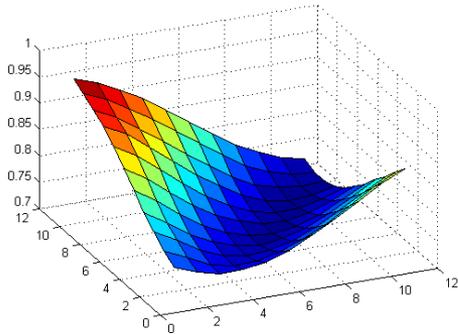


# Classification based change detection

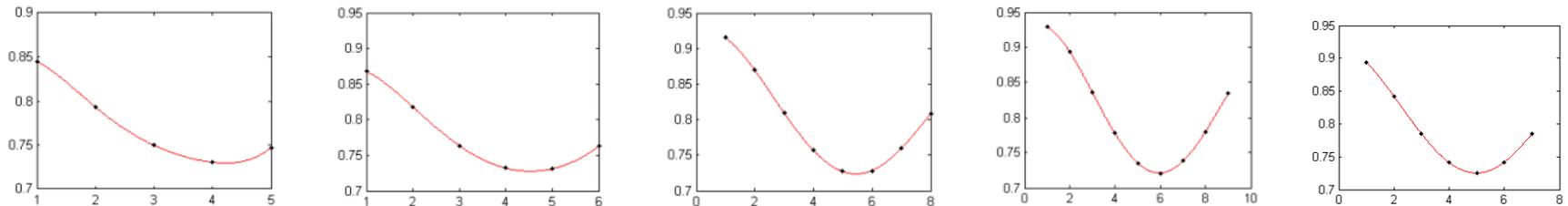
## 1st step - classifications



## 2nd step – measure of compliance

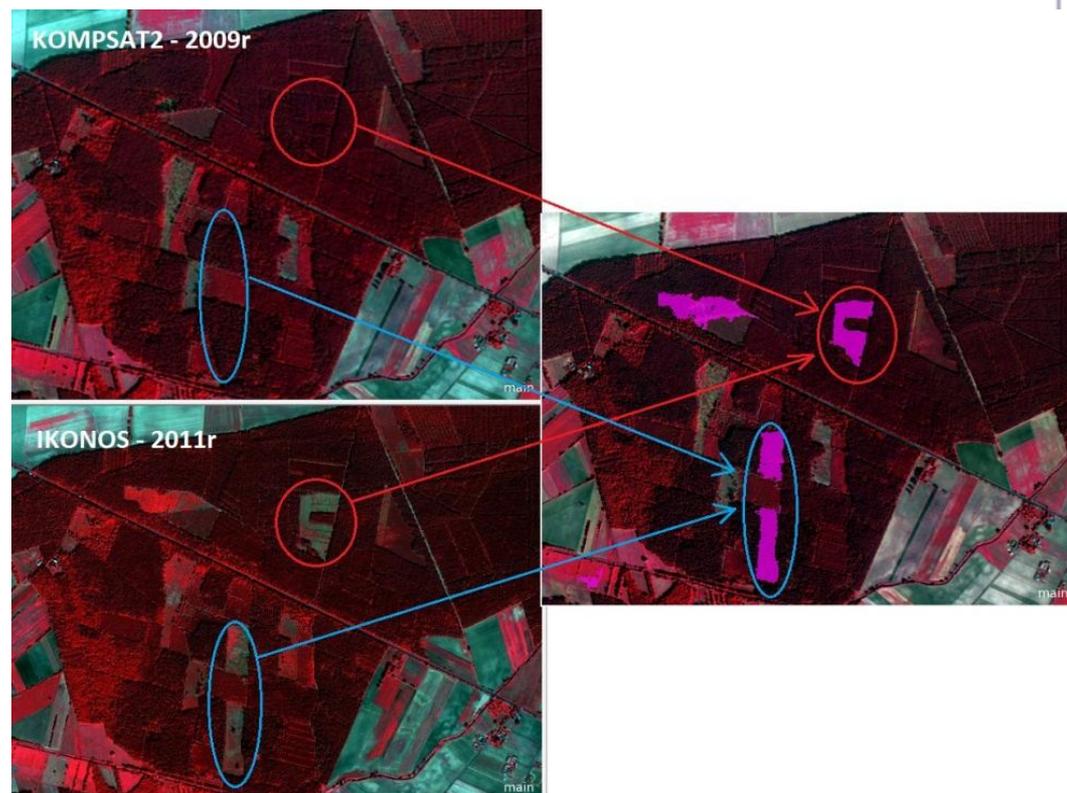


## 3rd step – minima detection

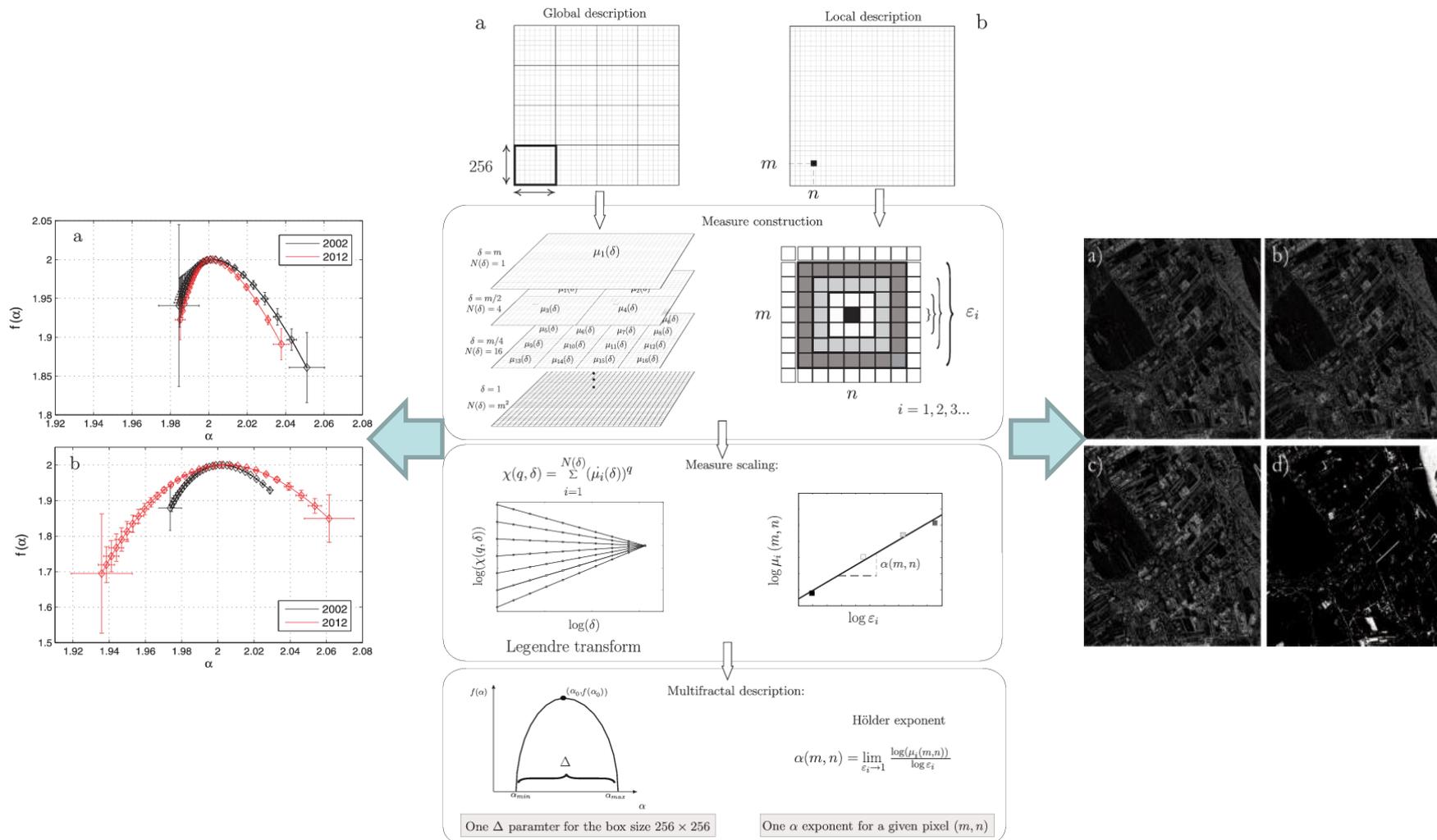


# Object based change detection

- Change detection and change classification
- CHD algorithm used in the FP7 Geoland 2 project



# Change detection using multifractals



# Object based change detection

- Automatic detection of forest fires using Landsat and MODIS images

