

# Overview of KivMOGs

Geographic coordinate systems:  
projected or not, coord. transf.

Coregionalization model classes:  
variography, non-stationarity,  
uncertainty on model parameters

Uni and multivariate distribution  
classes: statistical analysis and  
modeling

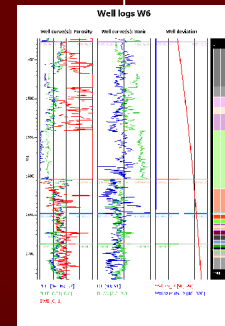
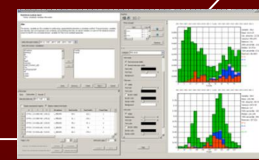
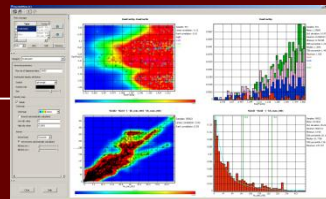
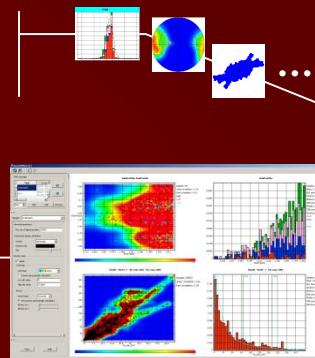
Graphic statistical  
plot classes

Interactive  
statistical plot  
window

Geostatistical wizards/WF:  
statistical analysis,  
variographic analysis,  
estimation, simulation



**UserObject**



Well logs: EDA,  
reporting

**GStatObjs**

**KivMOGs**

Derived classes of  
shared GObj data

**GObj classes** 

Platform of shared geomodel data classes

Curvilinear, chrono-stratigraphic coord. syst.:  
calculated vs. provided (SKUA), coord. transf.

Geostatistical algos, API classes

**GStatAlgos**

Estimation,  
simulation algos

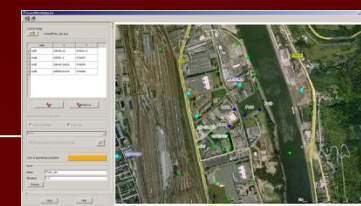
**KivSGeMS**



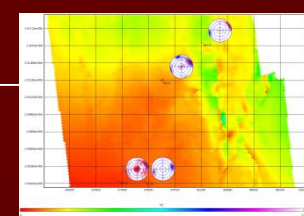
**KivGocadGeostat**



...



Interactive georeferencing  
of horizontal images



2D cross sections: stat plots,  
logs at wells, EDA, reporting