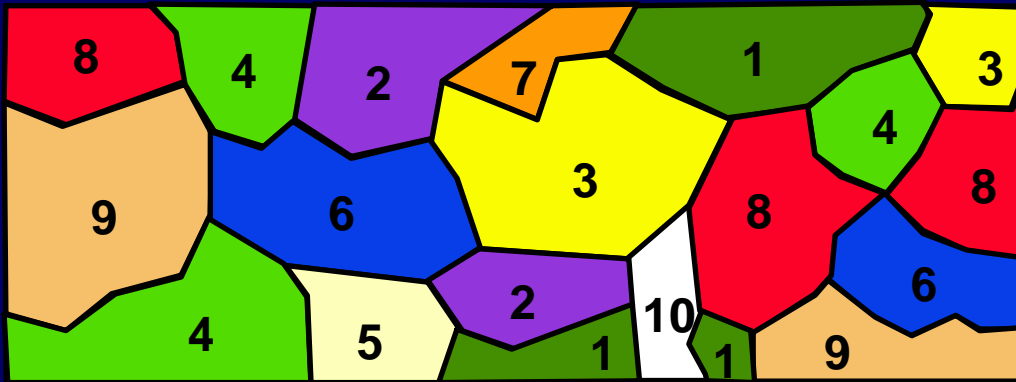


THE END USER PERSPECTIVE

ADG Software
(advanced Data-base Gateway)



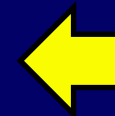
Legend:

Code	Standard Name	User Name
1.	1002 Large to Medium Fields of Broadleaved Tree Crop	Fruit Trees
2.	Large to Medium Fields of Broadleaved Shrub Crop	Vineyards
3.	1070	Winter Wheat Fields
4.	1449	Horticulture
5.	1791	Urban Park
6.	20131	Broadleaved Evergreen Woodland
7.	20132	Broadleaved Deciduous Woodland
8.	20960	Mediterranean Maquis
9.	21227	Tree & Shrub Prairie
10.	21292	Sparse Trees

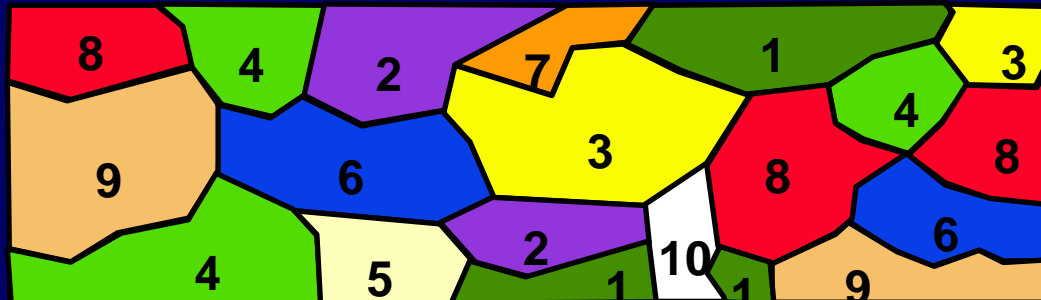
ADG

ADVANCED DATABASE GATEWAY

BASIC SOFTWARE FUNCTIONS (*secondset*)



- DISPLAY data base as class type
- **DISPLAY data base as classifiers**
- **DISPLAY database as class type and classifiers**
- **DISPLAY coordinates**
- **DISPLAY number of selected poligons**



Classifiers Used:

Cultivated Terrestrial
and Managed Land

A1 Tree Crops

A3 Herbaceous Crops

A7 Broadleaved

A11 Trees/Park(s)

B1 Large to Medium
Field(s)

B5 Continuous

C1 Monoculture

C2 Intercropped

C5 Intercropped/Tree
Crop(s)

D3 Irrigated

D9 Permanently
Cropped Area

(Semi)Natural
Vegetation

A2 Herbaceous
Vegetation

A3 Trees

A4 Shrubs

A10 Close

A11 Open

A14 Sparse

D1 Broadleaved

E1 Evergreen

E2 Deciduous

F5 Trees/Second Layer

F6 Shrubs/Second
Layer

ADG

AFRICOVER DATABASE GATEWAY

BASIC SOFTWARE FUNCTIONS (secondset)

•**DISPLAY data base as
class type**

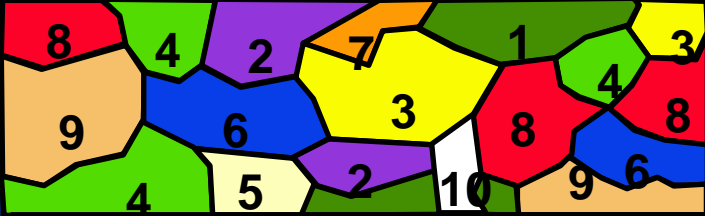
•**DISPLAY data base as
classifiers**

•**DISPLAY database as
class type and classifiers**

•**DISPLAY coordinates**

•**DISPLAY number of
selected poligons**





CLASSIFIERS USED

MAYOR LAND COVER CLASS TYPE

- Cultivated
- Natural vegetation
- Other environmental attributes

ADG

AFRICOVER DATABASE GATEWAY

BASIC SOFTWARE FUNCTIONS

Classifiers selection

select using:

Aritmetic and Logical operators

- + add more
- excluding
- = only if
- >> contiguity

filter using:

- % accuracy
- # area size

A1 Tree Crops	A2 Herbaceous crop	A3 Shrub crop	A2 Herbaceous veg.	A3 Trees	A4 Shrubs
A11 City parks	B1 Large fields	B3 Small fields	A10 Close cover	A11 Open cover	A14 Sparse cover
B5 Continous fields	B6 Scattered fields	C1 Monoculture	D1 Broadleaved	D2 Needleave	D3 Aphillus
C2 Intercropped	D1 Rainfed	D3 Irrigated	E1 Evergreen	E2 Decidous	E3 Mixed
D4 Shifting	D5 Fallow	D9 Permanent	F4 Herbaceous second layer	F5 Trees second layer	F6 Shrubs second layer
M100 Alluvial deposits loess	M113 Lacustro alluvial	M210 Limestone	M513 Clay loam	M514 Sandy loam	M523 Sandy

Classifiers selected

New class name

Color/code

CLASSIFIERS USED

MAYOR LAND COVER CLASS TYPE

- Cultivated
- Natural vegetation
- Other environmental attributes

ADG

AFRICOVER DATABASE GATEWAY

BASIC SOFTWARE FUNCTIONS

Classifiers selection

select using:

Aritmetic and Logical operators

- + add more
- excluding
- = only if
- >> contiguity

filter using:

- % accuracy
- # area size

A1 + Tree Crops	A3 Herbaceous crop	A7 Broadleaved tree or shrub	A2 Herbaceous veg.	A3 + Trees	A4 Shrubs
A11+ City parks	B1 Large fields	B3 Small fields	A10 Close cover	A11 Open cover	A14 Sparse cover
B5 Continous fields	B6 Scattered fields	C1 Monoculture	D1 Broadleaved	D2 Needleave	D3 Aphillus
C2 Intercropped	D1 Rainfed	D3 Irrigated	E1 Evergreen	E2 Decidous	E3 Mixed
D4 Shifting	D5 Fallow	D9 Permanent	F4 Herbaceous second laver	F5 + Trees second laver	F6 Shrubs second laver
M100 Alluvial deposits	M113 Lacustro alluvial	M210 Limestone	M513 Clay loam	M514 Sandy loam	M523 Sandy loess

Classifiers selected

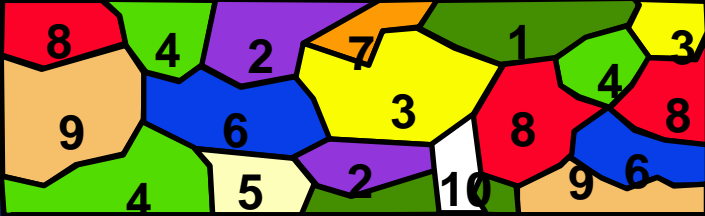
A1 + A11 + A3 + F5

New class name

Tree covered area

Color/code

1



CLASSIFIERS USED

MAYOR LAND COVER CLASS TYPE

- Cultivated
- Natural vegetation
- Other environmental attributes

ADG

AFRICOVER DATABASE GATEWAY

BASIC SOFTWARE FUNCTIONS

A1 Tree Crops	A2 Herbaceous crop	A3 Shrub crop	A2 Herbaceous veg.	A3 Trees	A4 Shrubs
A11 City parks	B1 Large fields	B3 Small fields	A10 Close cover	A11 Open cover	A14 Sparse cover
B5 Continous fields	B6 Scattered fields	C1 Monoculture	D1 Broadleaved	D2 Needleave	D3 Aphillus
C2 Intercropped	D1 Rainfed	D3 Irrigated	E1 Evergreen	E2 Decidous	E3 Mixed
D4 Shifting	D5 Fallow	D9 Permanent	F4 Herbaceous second layer	F5 Trees second layer	F6 Shrubs second layer
M100 Alluvial deposits loess	M113 Lacustro alluvial	M210 Limestone	M513 Clay loam	M514 Sandy loam	M523 Sandy

Classifiers selection

select using:

Aritmetic and Logical operators

- + add more
- excluding
- = only if
- >> contiguity

filter using:

- % accuracy
- # area size

Classifiers selected

New class name

Color/code



CLASSIFIERS USED

MAYOR LAND COVER CLASS TYPE

- Cultivated
- Natural vegetation
- Other environmental attributes

ADG

AFRICOVER DATABASE GATEWAY

BASIC SOFTWARE FUNCTIONS

A1 >> Tree Crops	A2 Herbaceous crop	A3 >> Shrub crops	A2 Herbaceous veg	A3 + Trees	A4 Shrubs
A11 City parks	B1 Large fields	B3 Small fields	A10 Close cover	A11 + Open cover	A14 Sparse cover
B5 Continous fields	B6 Scattered fields	C1 Monoculture	D1 Broadleaved	D2 Needleave	D3 Aphillus
C2 Intercropped	D1 Rainfed	D3 Irrigated	E1 Evergreen	E2 Decidous	E3 Mixed
D4 Shifting	D5 Fallow	D9 Permanent	F4 Herbaceous second layer	F5 Trees second layer	F6 Shrubs second layer
M100 Alluvial deposits	M113 Lacustro alluvial	M210 Limestone	M513 Clay loam	M514 Sandy loam	M523 Sandy loess

Classifiers selection

select using:
Aritmetic and Logical operators

- + add more
- excluding
- = only if
- >> contiguity

filter using:

- % accuracy
- # area size

Classifiers selected

New class name

Color/code

A3 + A11 >> A1 >> A3

Open trees area only contiguous to tree and scrub crops

1

NEW CONCEPT OF MULTI USER ORIENTED NATURAL RESOURCES DATA BASE

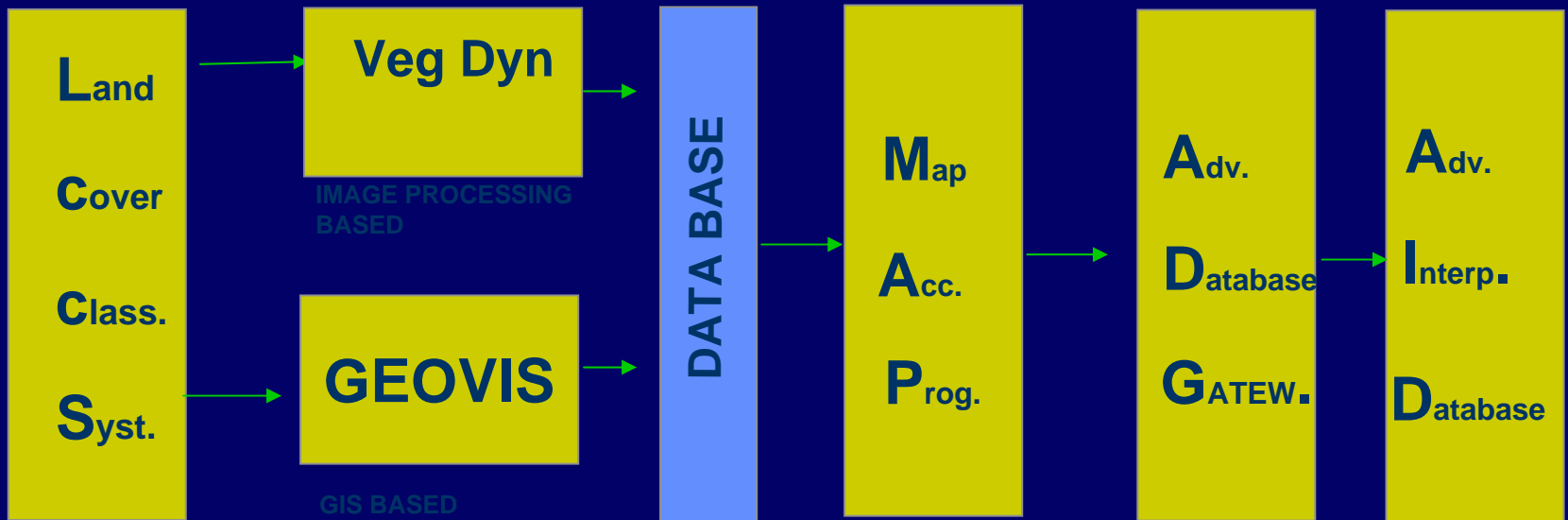
TEMATIC
& CART.
ASPECT

INTERPRETATION
EFFICIENCY

ACCURACY
ANALISYS

MULTI USER
DATA BASE
BROWSER

INTERP.
STANDARDIZ.



DATA PRODUCERS

DATA USERS