

Introducing Quantum GIS

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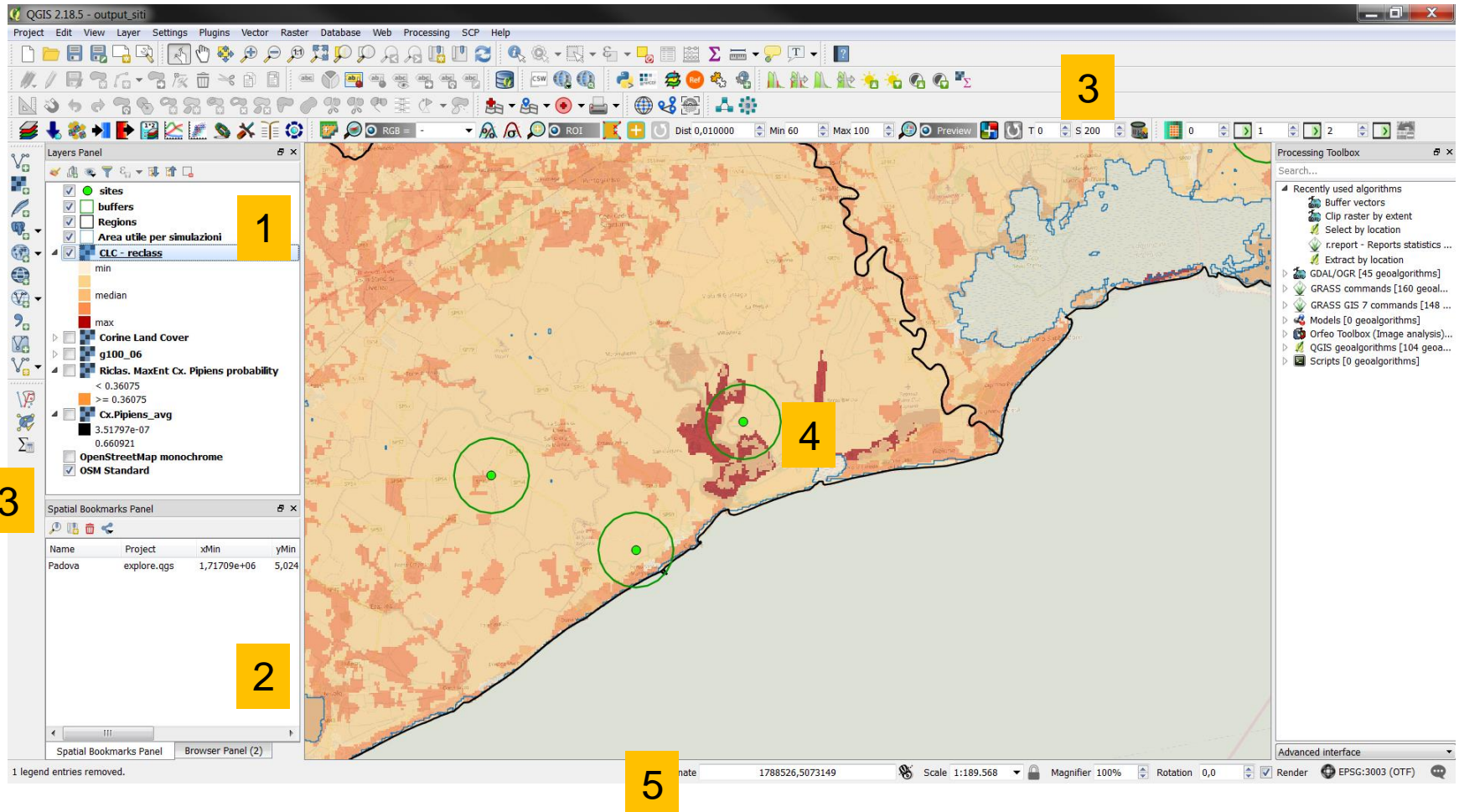
OIE Headquarters



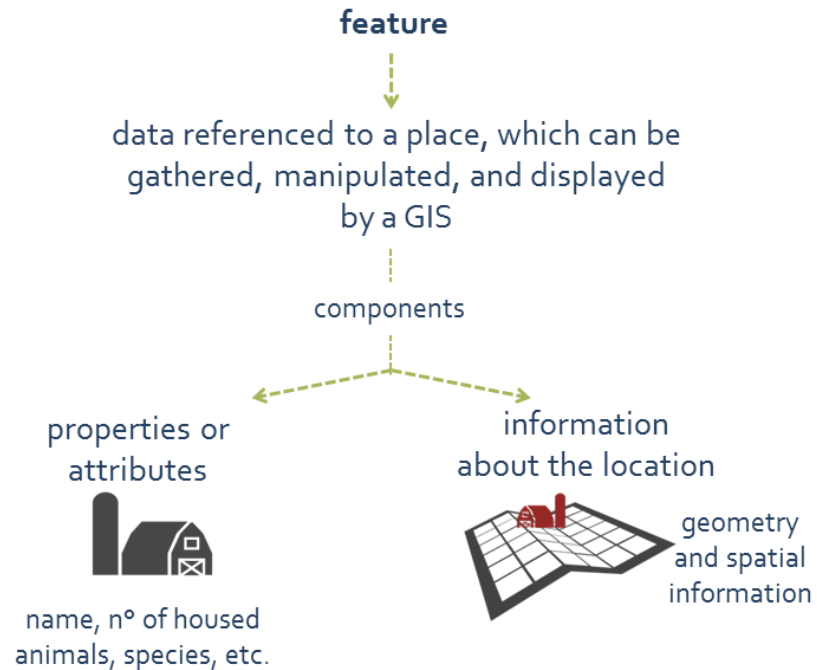
Overview

- QGIS interface
- Basic concepts
 - Features
 - Layers
 - Map display
 - Get information about

QGIS interface



Features



Shape files is just a physical way to manage features

Layer (symbol + feature)





layer representation of a feature on a map

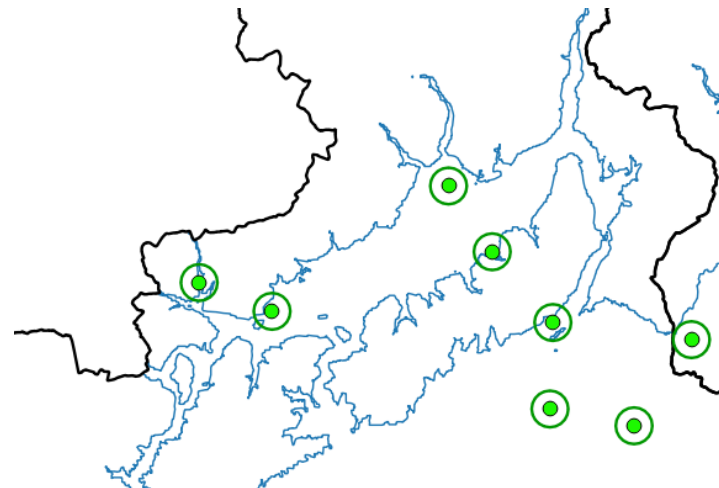
symbol



feature



-  sites
-  buffers
-  Regions
-  Study area



Display map data

- Farm_point.shp
- Highway.shp
- Province.shp



Navigating on the map

- Pan
- Zoom in/out
- Max extent



Feature properties

General

- Style
- Labels
- Fields
- Rendering
- Display
- Actions
- Joins
- Diagrams
- Metadata
- Variables
- Legend

Layer info

Layer name: displayed as:

Layer source:

Data source encoding:

Coordinate reference system

Selected CRS (EPSG:3003, Monte Mario / Italy zone 1)

Scale dependent visibility

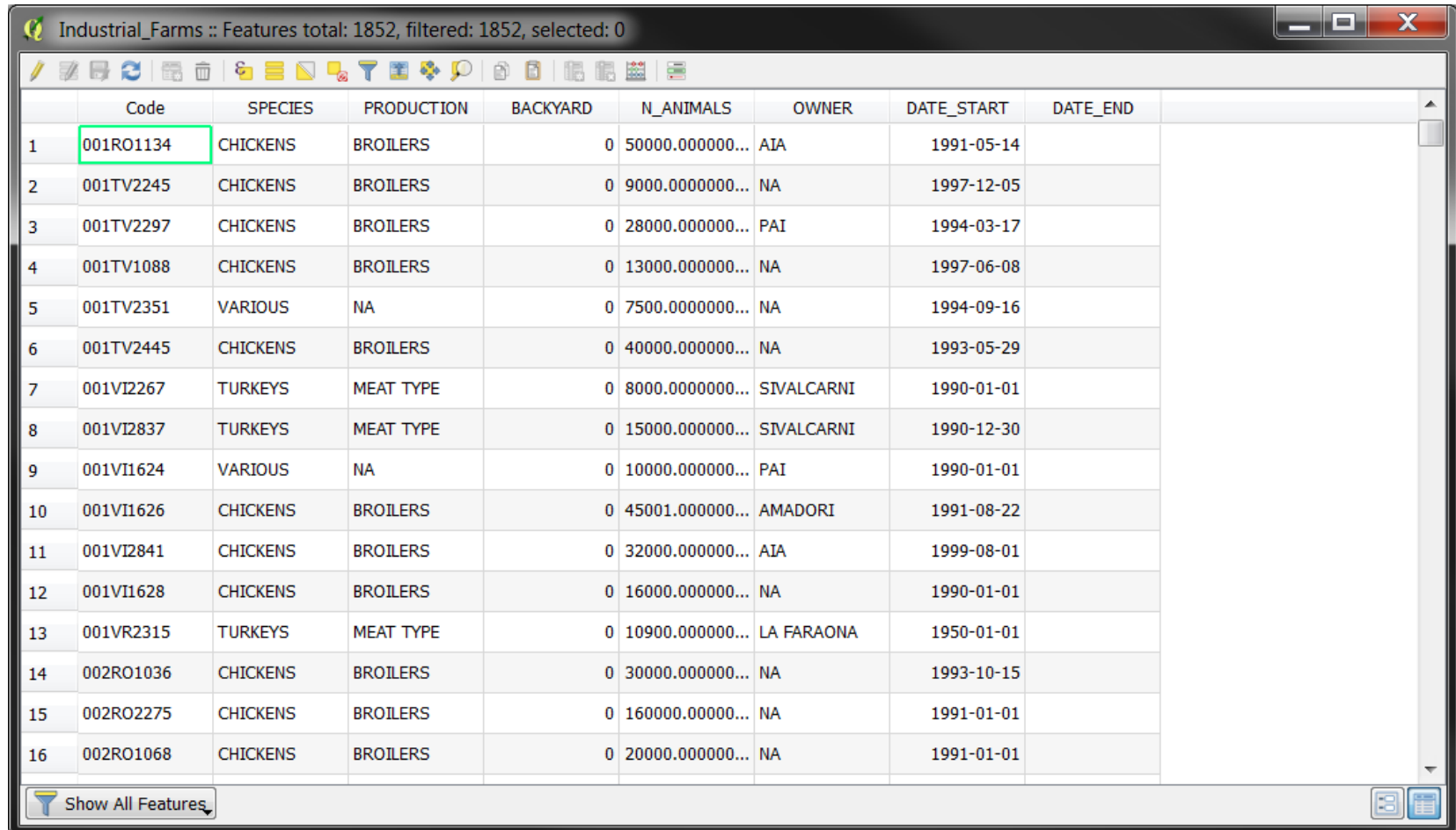
Minimum (exclusive):

Maximum (inclusive):

Provider feature filter

Looking at feature attribute

- Get attributes value from «attribute table»



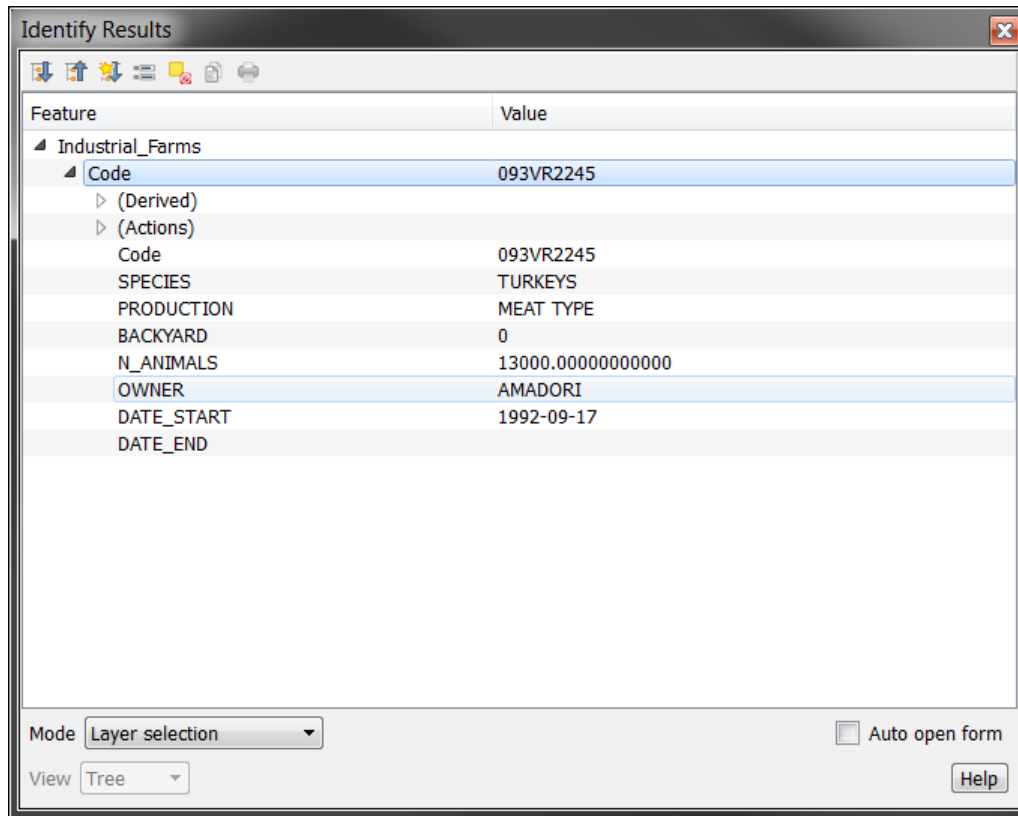
Industrial_Farms :: Features total: 1852, filtered: 1852, selected: 0

	Code	SPECIES	PRODUCTION	BACKYARD	N_ANIMALS	OWNER	DATE_START	DATE_END
1	001RO1134	CHICKENS	BROILERS		0 50000.000000...	AIA	1991-05-14	
2	001TV2245	CHICKENS	BROILERS		0 9000.000000...	NA	1997-12-05	
3	001TV2297	CHICKENS	BROILERS		0 28000.000000...	PAI	1994-03-17	
4	001TV1088	CHICKENS	BROILERS		0 13000.000000...	NA	1997-06-08	
5	001TV2351	VARIOUS	NA		0 7500.000000...	NA	1994-09-16	
6	001TV2445	CHICKENS	BROILERS		0 40000.000000...	NA	1993-05-29	
7	001VI2267	TURKEYS	MEAT TYPE		0 8000.000000...	SIVALCARNI	1990-01-01	
8	001VI2837	TURKEYS	MEAT TYPE		0 15000.000000...	SIVALCARNI	1990-12-30	
9	001VI1624	VARIOUS	NA		0 10000.000000...	PAI	1990-01-01	
10	001VI1626	CHICKENS	BROILERS		0 45001.000000...	AMADORI	1991-08-22	
11	001VI2841	CHICKENS	BROILERS		0 32000.000000...	AIA	1999-08-01	
12	001VI1628	CHICKENS	BROILERS		0 16000.000000...	NA	1990-01-01	
13	001VR2315	TURKEYS	MEAT TYPE		0 10900.000000...	LA FARAONA	1950-01-01	
14	002RO1036	CHICKENS	BROILERS		0 30000.000000...	NA	1993-10-15	
15	002RO2275	CHICKENS	BROILERS		0 160000.000000...	NA	1991-01-01	
16	002RO1068	CHICKENS	BROILERS		0 20000.000000...	NA	1991-01-01	

Show All Features

Looking at feature attribute

- Get attributes value from «Identify tool»



Practical Exercise: (1.7)

- Display on the map following data
 - Farm_point.shp
 - Highway.shp
 - Province.shp
- Navigate on the map
- Get attributes using information tool
- Get attributes using attribute table