

FFI Workshop – Getting Started Exercises

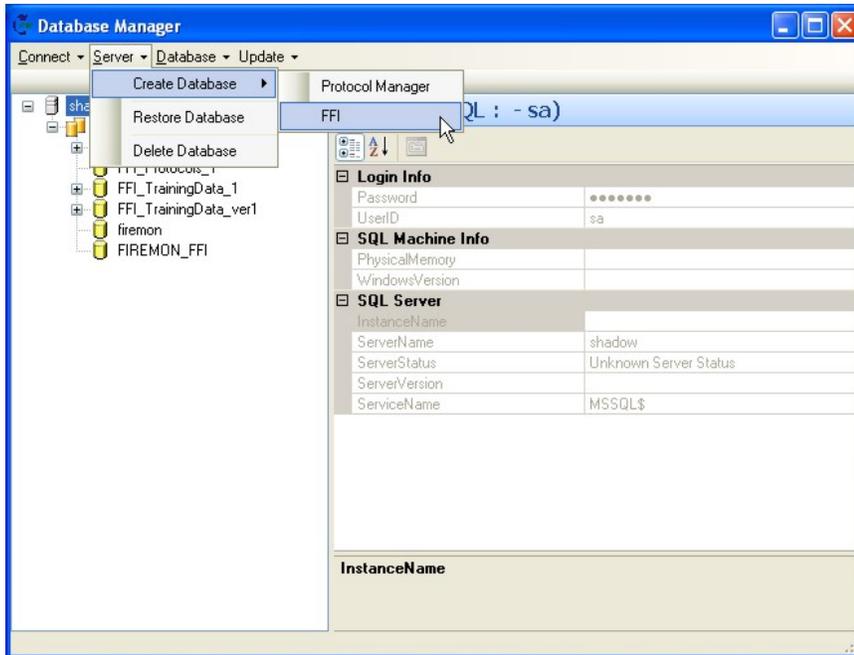
1. FFI – Database Administration

Exercise 1.1: Create a new FFI database.

1.1a) Run the FFI DB Administration Program.

1.1b) Connect to SQL Server.

1.1c) Create a new FFI Database.



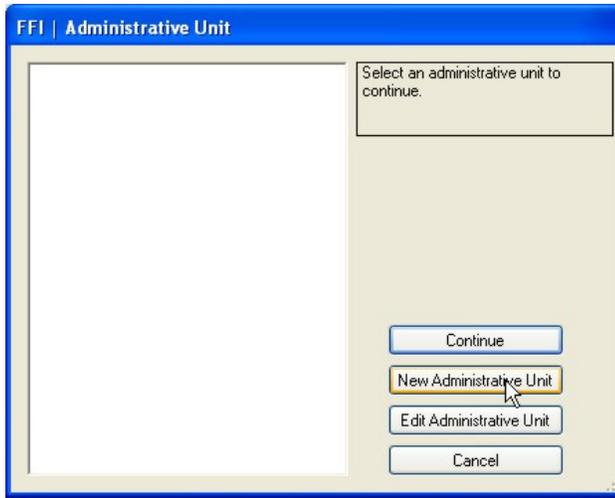
2. FFI – Administration Units

Exercise 2.1: Create a new Administration Unit and import protocols.

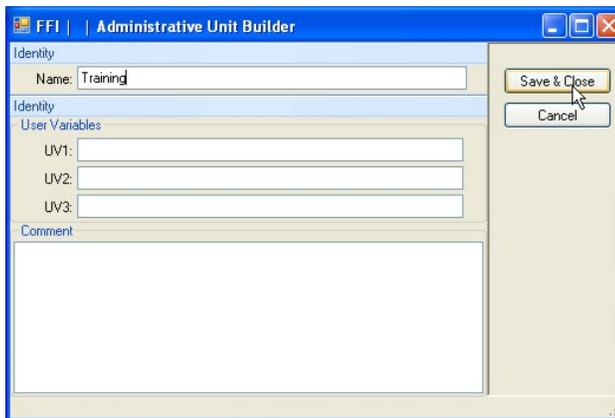
2.1a) Run the FFI program.

2.1b) Connect to SQL Server and the newly created FFI database.

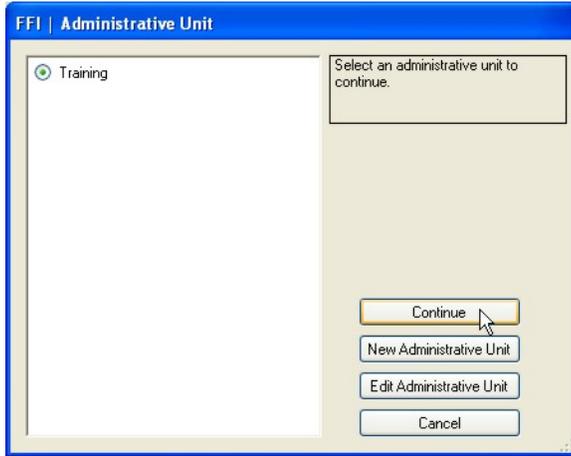
2.1c) Create a new Administration Unit.



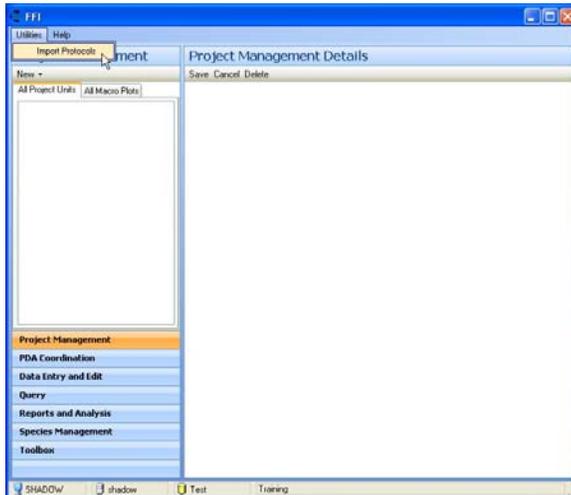
2.1d) Name and save a new Administration Unit.



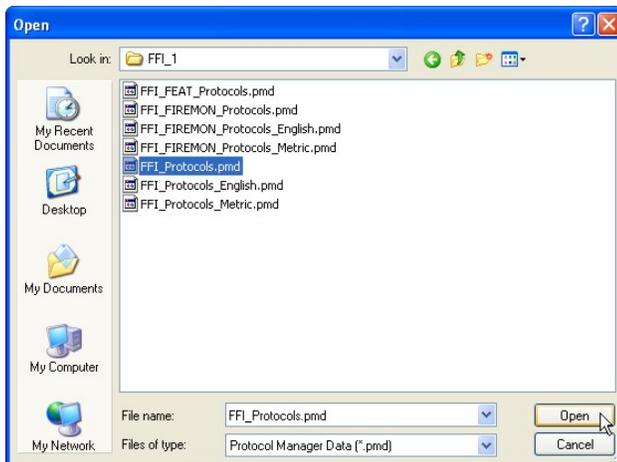
2.1e) Continue and connect to the FFI database.



2.1f) Import the FFI protocols.



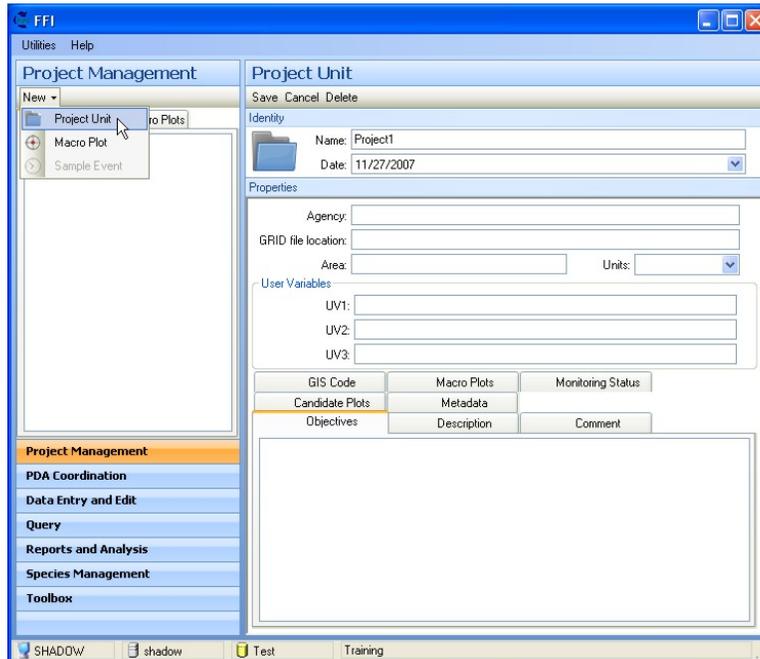
2.1g) Select the 'FFI_Protocols.pmd' file.



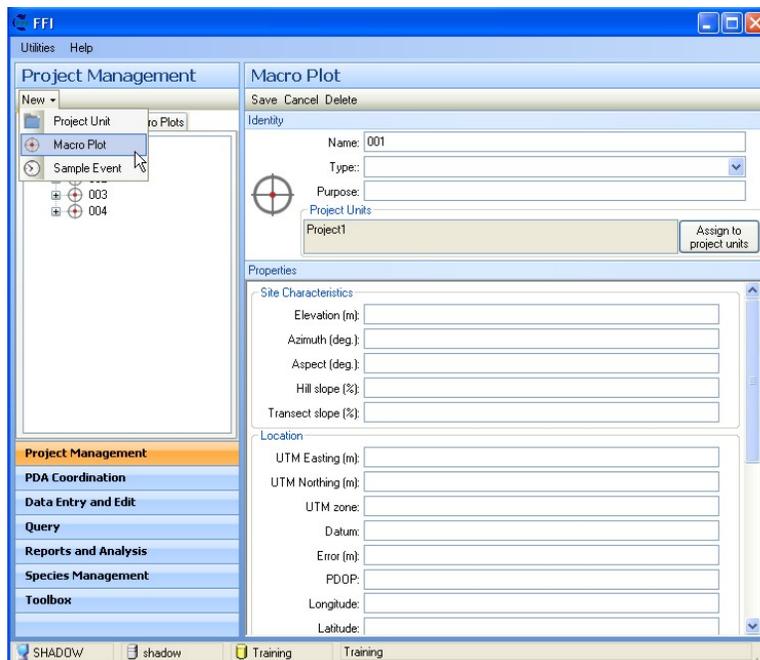
3. FFI – Project Management

Exercise 3.1: Create a new project with 4 macroplots and sample events.

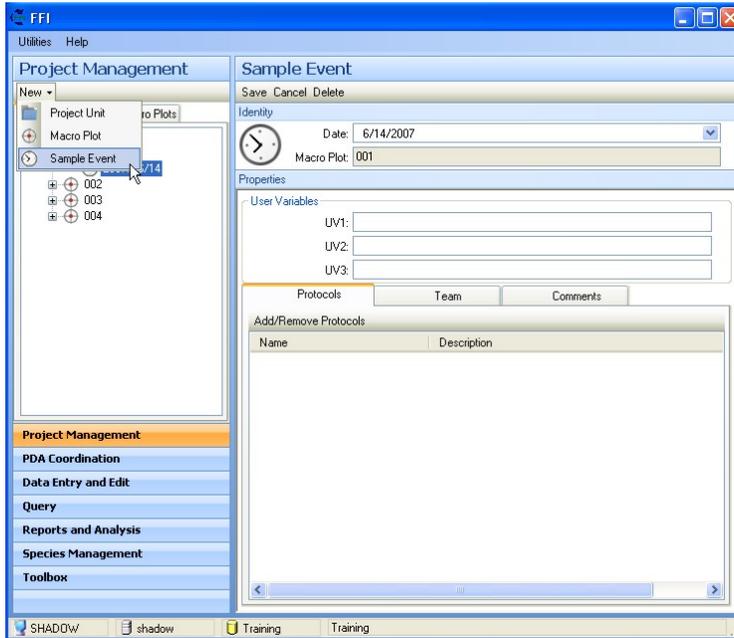
3.1a) Create a new project and name it “Project1”.



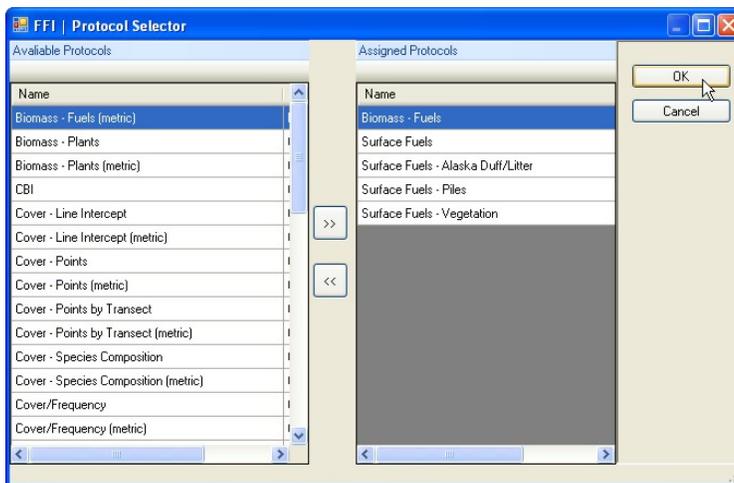
3.1b) Create a new macroplot and name it “001”.



3.1c) Create a new sample event for the first macroplot.



3.1d) Add the protocols for Surface Fuels, Surface Fuels – Vegetation, Surface Fuels – Alaska Duff/Litter, Surface Fuels – Piles, and Biomass – Fuels to the sample event.



3.1e) Create 3 more macroplots with sample events and import the following protocols for each macroplot.

Macroplot "002":

- Cover – Species Composition
- Cover – Line Intercept
- Cover / Frequency
- Density - Belts
- Density – Quadrats
- Rare Plants Species

Macroplot "003":

- Cover – Points
- Cover – Points by Transect
- Trees
- Biomass – Plants
- FCCS

Macroplot "004":

- Plot Description
- Pilot Sampling
- Fire Behavior
- Post Burn Severity (metric)
- Composite Burn Index
- Disturbance History
- FCCS

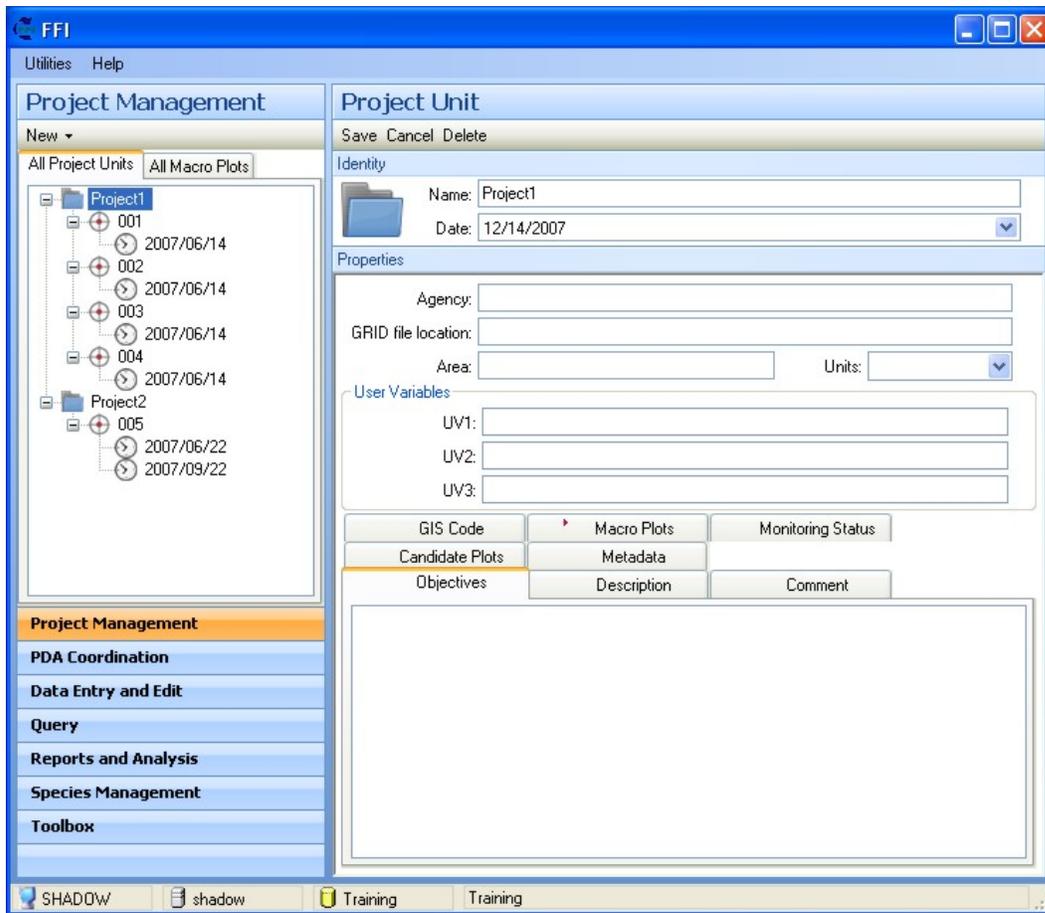
Exercise 3.2: Create another project with one macroplot and two sample events.

3.2a) Create another project and name it "Project2".

3.2b) Create a new macroplot in this project and name it "005".

3.2c) Create two new sample events for this macroplot and add the Trees protocol to each sample event.

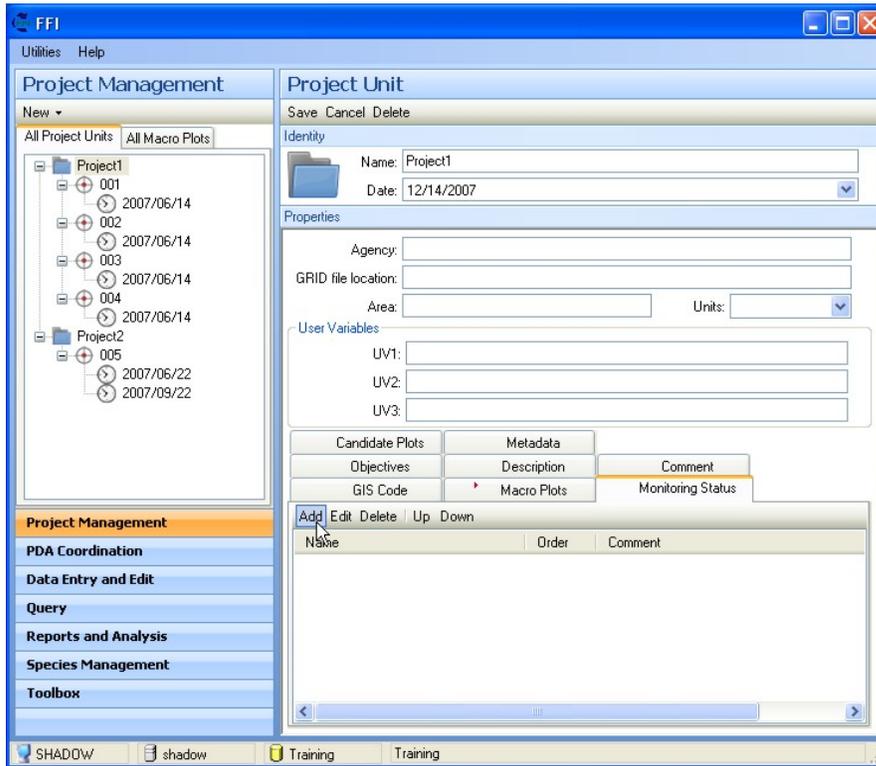
After adding the two projects with their associated macroplots and sample events, the Project Management tree view should look similar to the figure below.



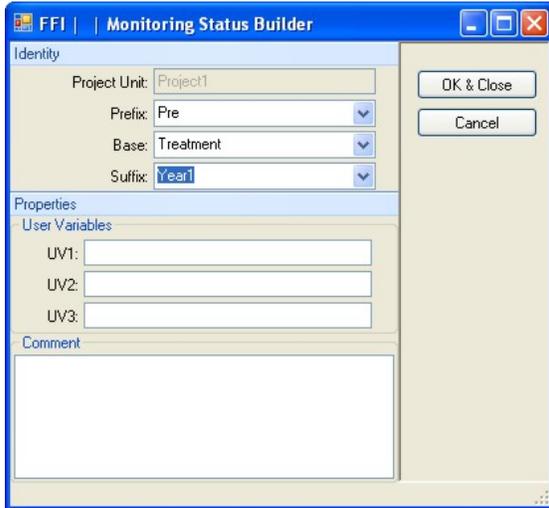
4. FFI – Assign Monitoring Statuses to a Project.

Exercise 4.1: Assign monitoring statuses to Project1.

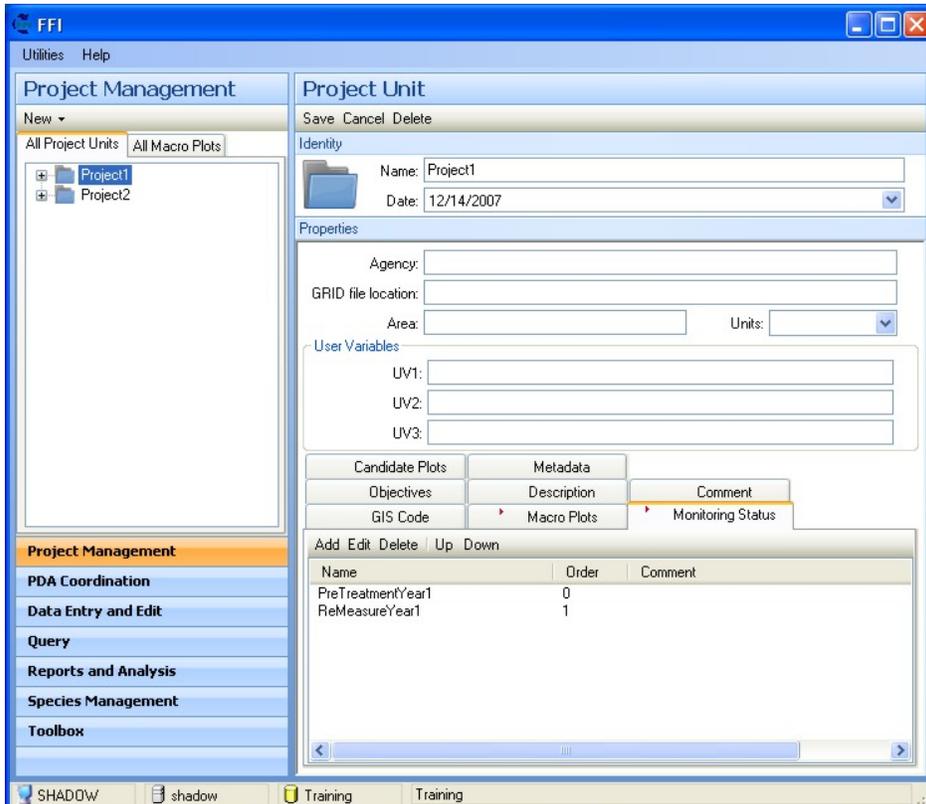
4.1a) Select Project1, click on the Monitoring Status tab, and click the Add button.



4.1b) Select “PreTreatmentYear1” for the first monitoring status.

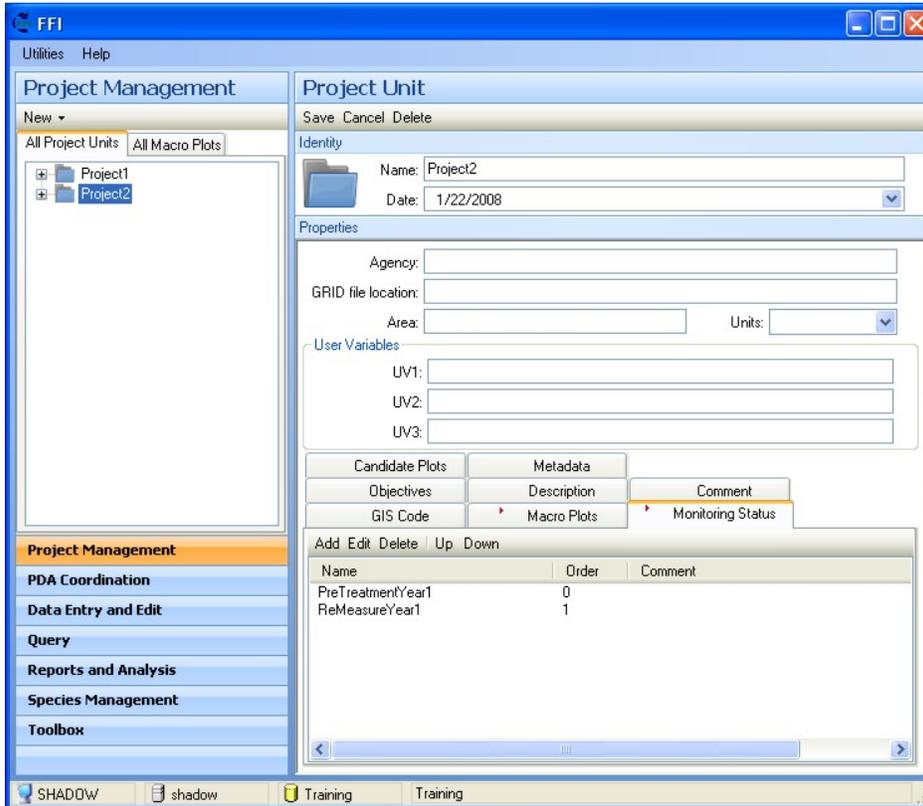


4.1c) Select the second monitoring status as “ReMeasureYear1.”



Exercise 4.2: Assign monitoring statuses to Project2.

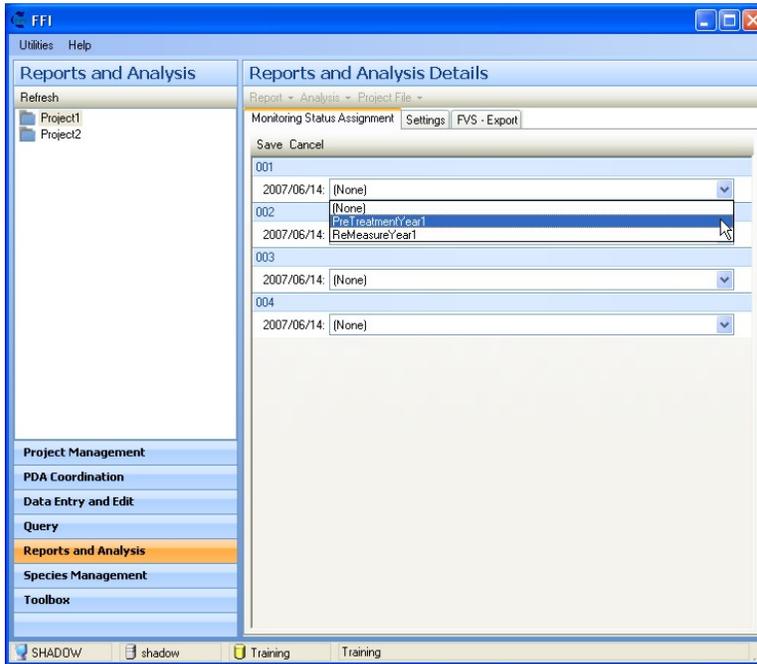
4.2a) Add two monitoring statuses, “PreTreatmentYear1” and “ReMeasureYear1”, to Project2.



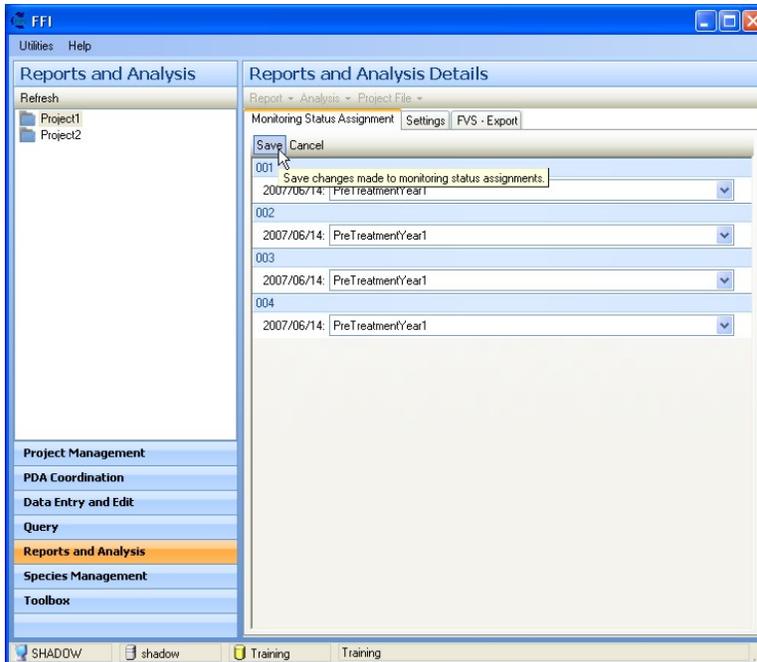
5. FFI – Assign Monitoring Statuses to Sample Events.

Exercise 5.1: Assign monitoring statuses to sample events in Project1.

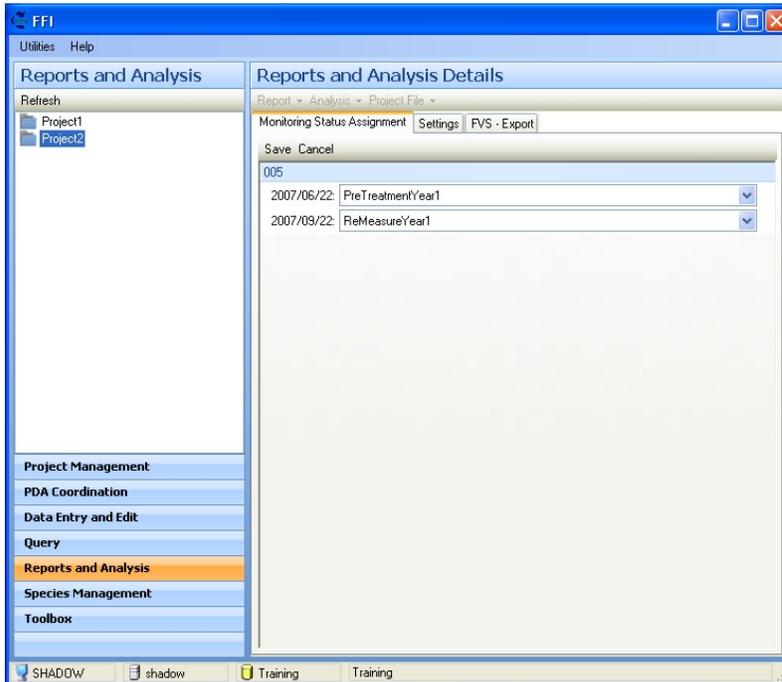
5.1a) Select Project1, Reports and Analysis, and assign “PreTreatmentYear1” to all sample events.



5.1b) Save the monitoring status assignments.



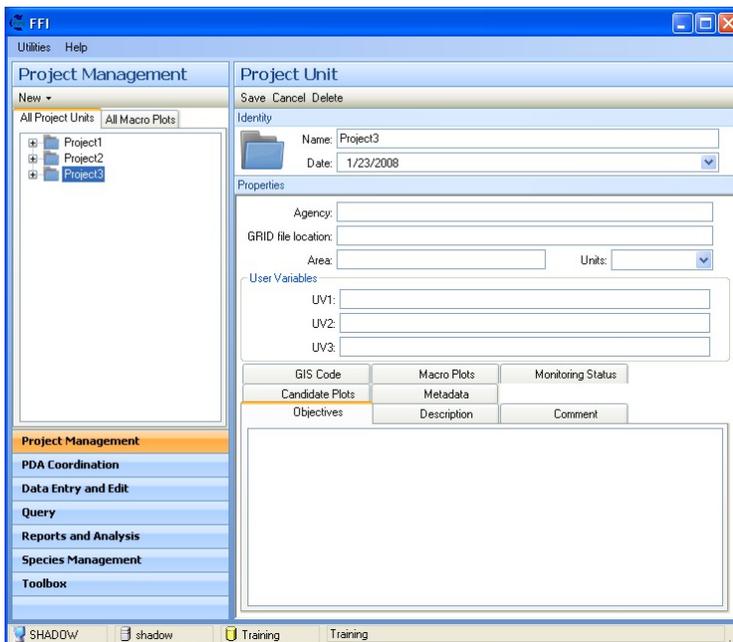
5.1c) Select Project2 and Reports and Analysis. Assign “PreTreatmentYear1” to the first sample event and “ReMeaureYear1” to the second sample event. Save the monitoring status assignments.



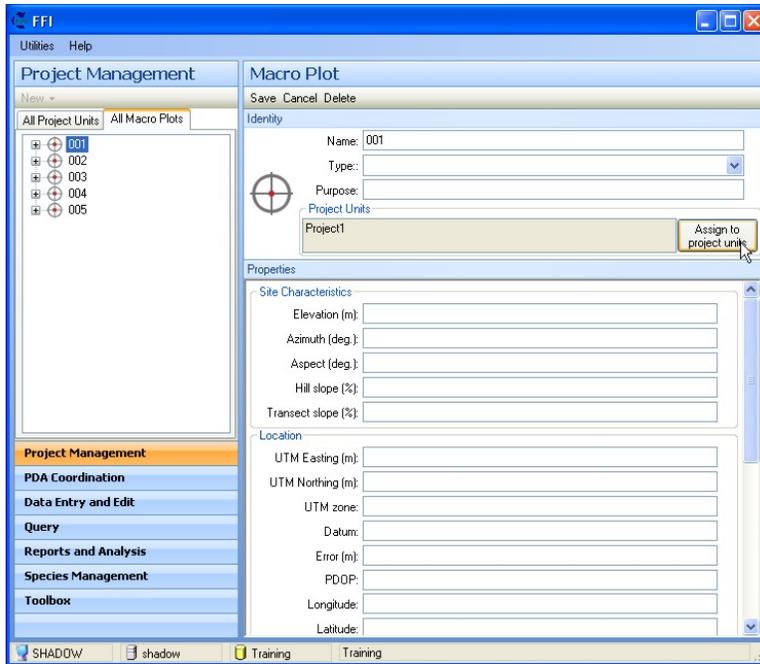
6. FFI – Adding existing macroplots to a new project.

Exercise 6.1: Combine macroplots from two different projects into a new project.

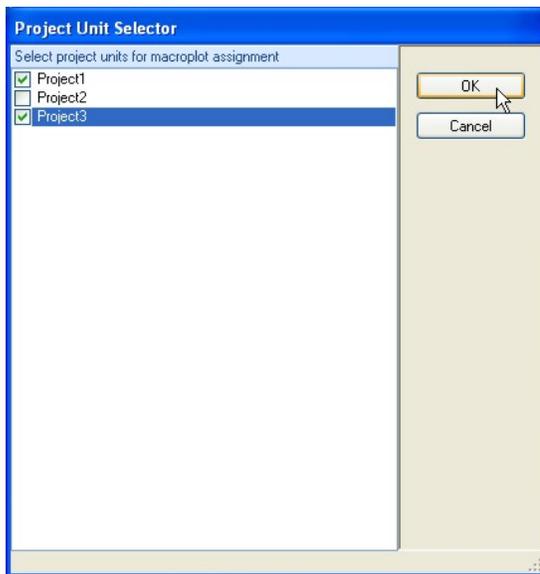
6.1a) Create a new project and name it “Project3”.



6.1b) Select the All Macro Plots tab.



6.1c) Assign each macroplot to “Project3”.



After assigning all macroplots to “Project3”, the Project Management tree view will look similar to the figure below.

