An Introduction to IDRISI ANDES

By Duong Dang KHOI

Email: khoi_tn@yahoo.com

Presentation contents:

1. IDRISI Environment

2. Menu Organization

3. Composer Utility

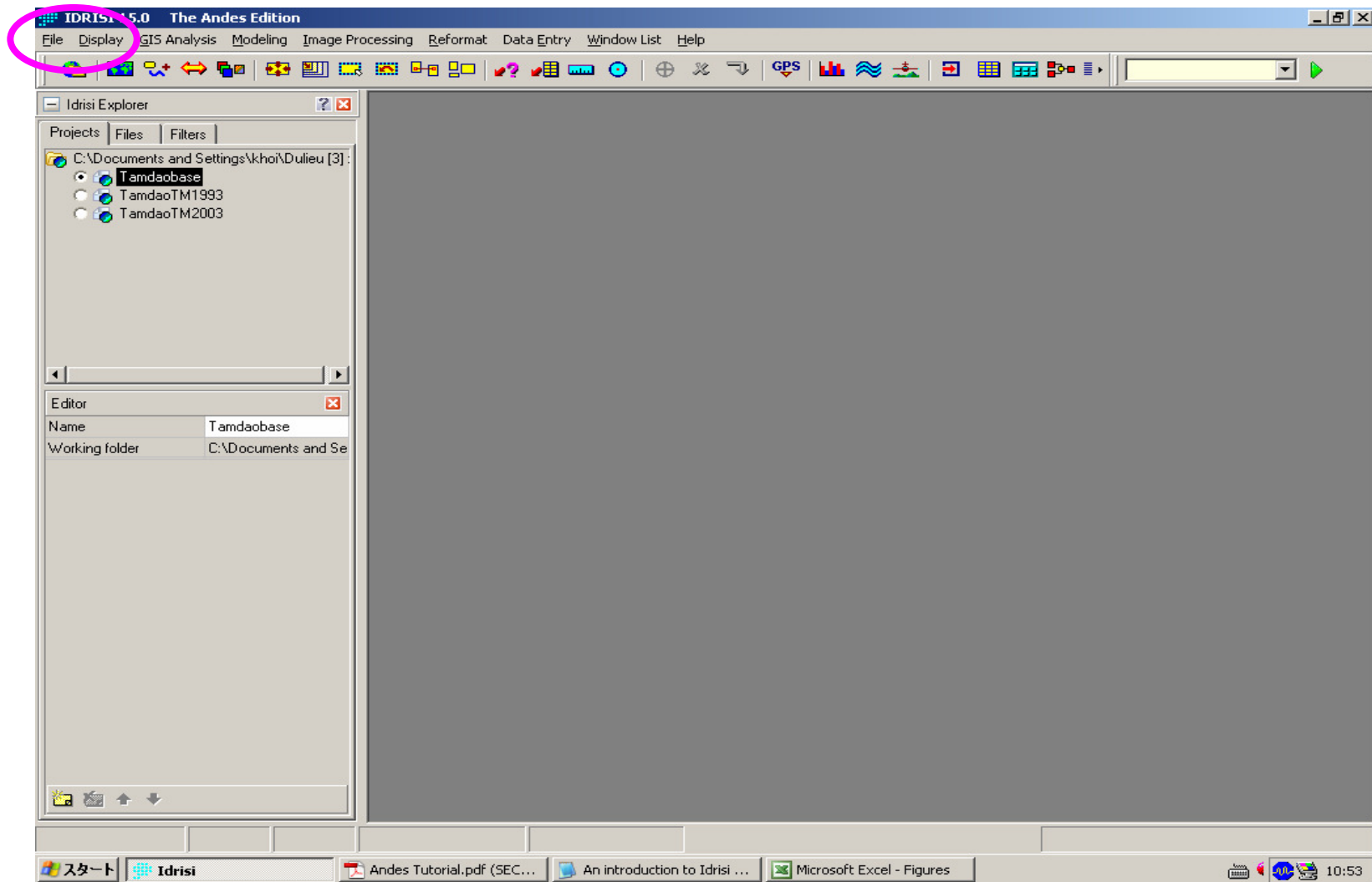4. Review on Tutorial

Part 1: IDRISI Interface

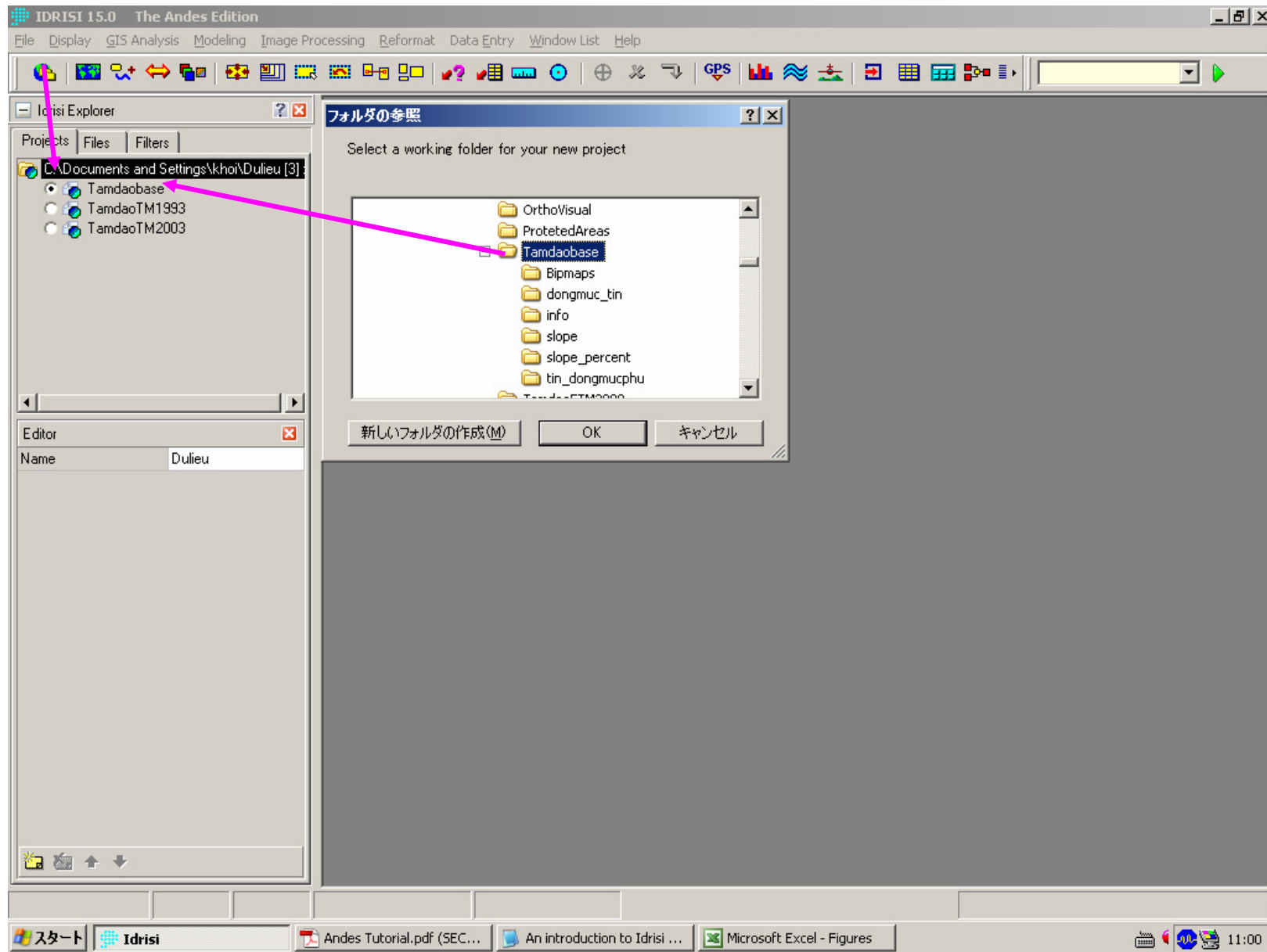Fig.1: Explorer for locating a working folder

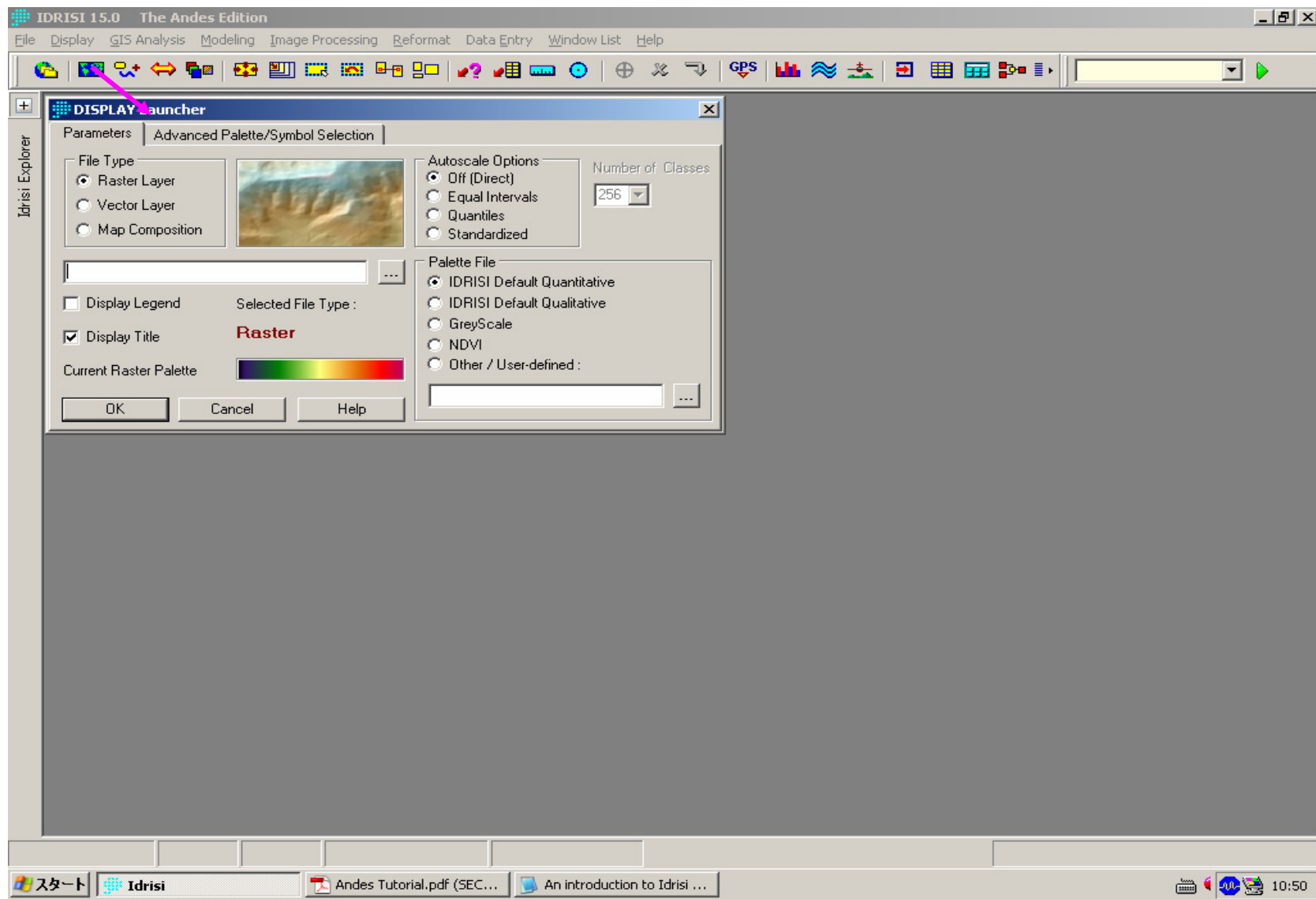Fig.2: Selecting a working folder & resource folders
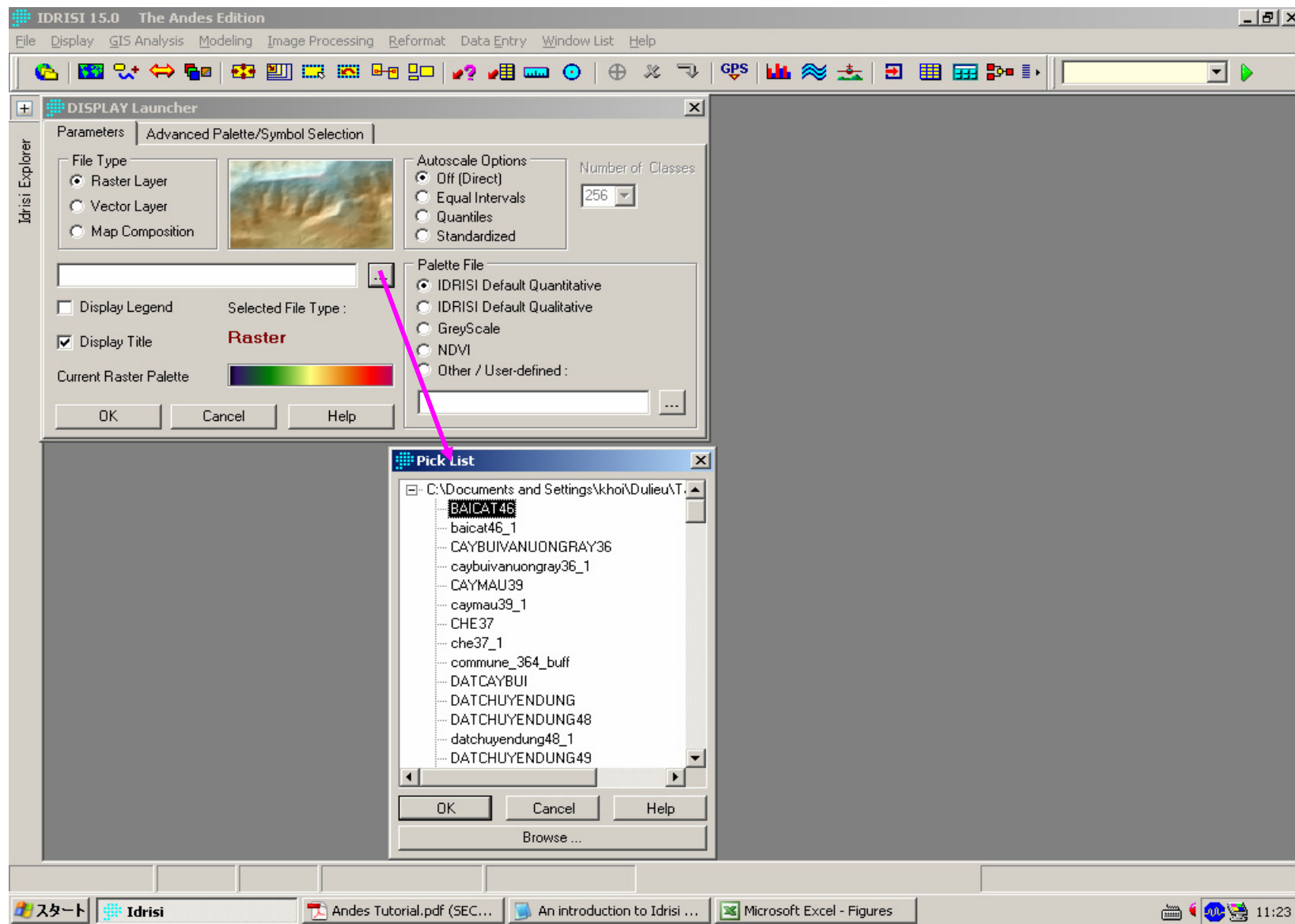
Fig.3: Launcher for displaying map/layer

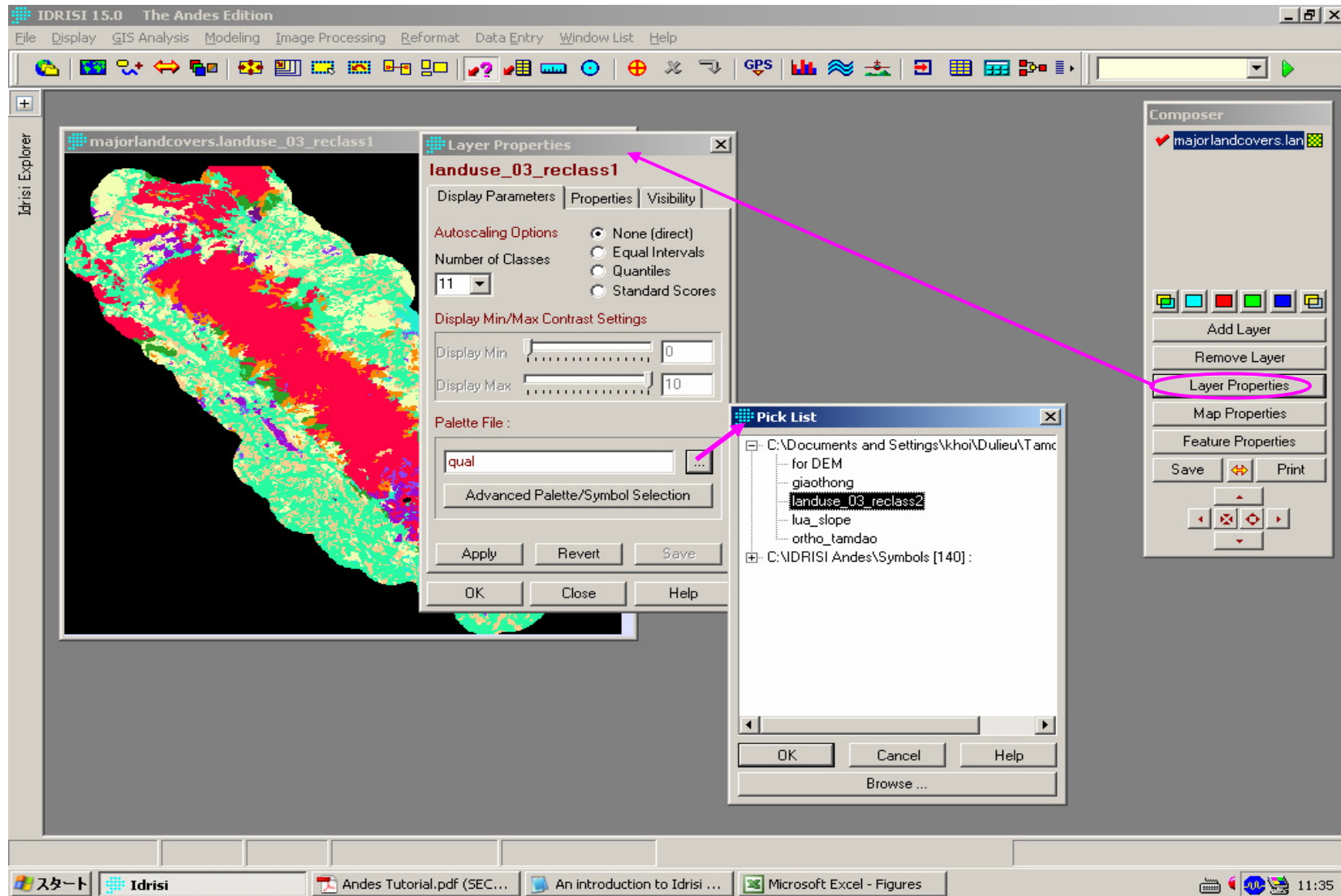Fig.4: Selecting a map/layer in working or resource folders

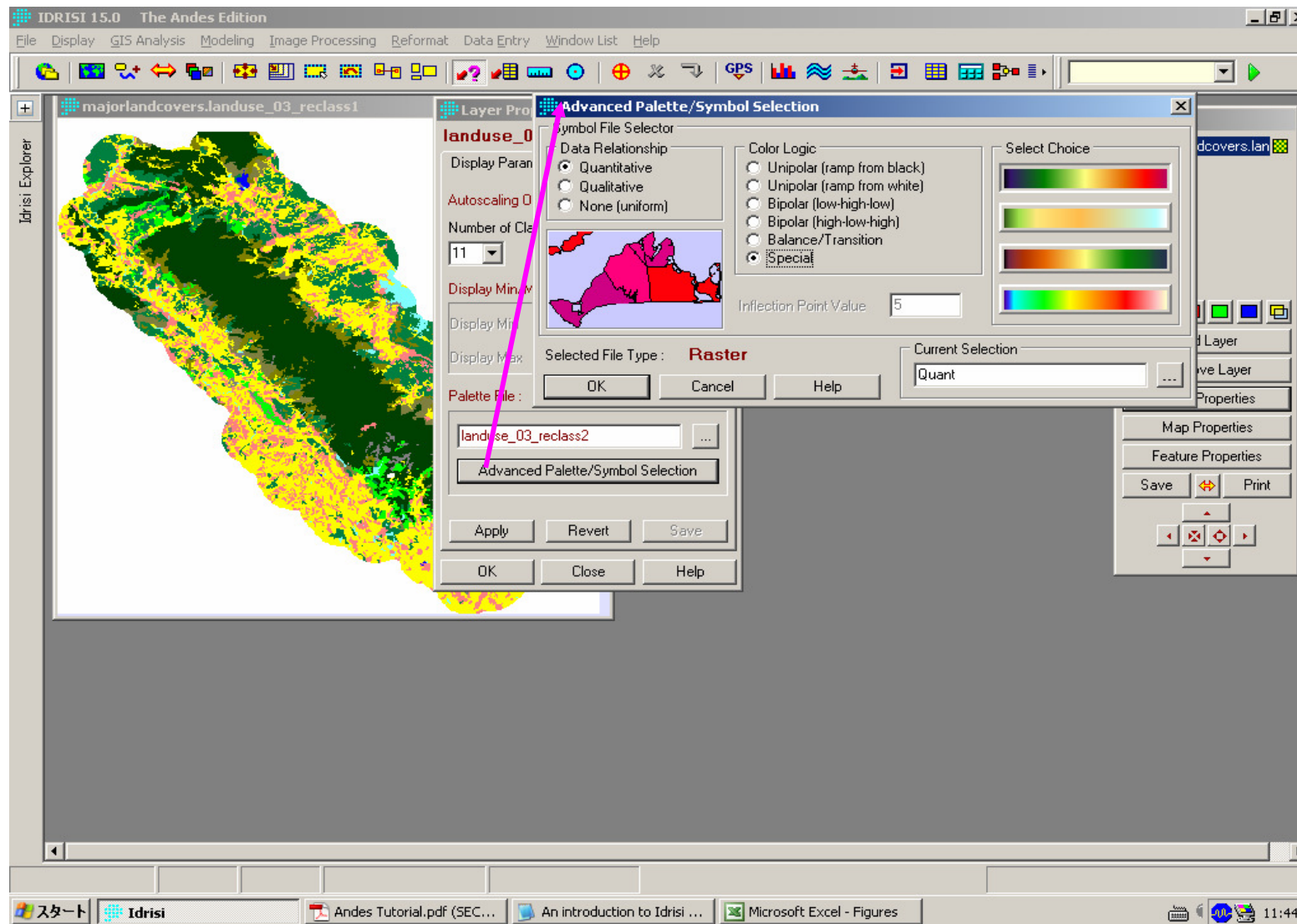Fig.5: Selecting a palette symbol or creating your own one

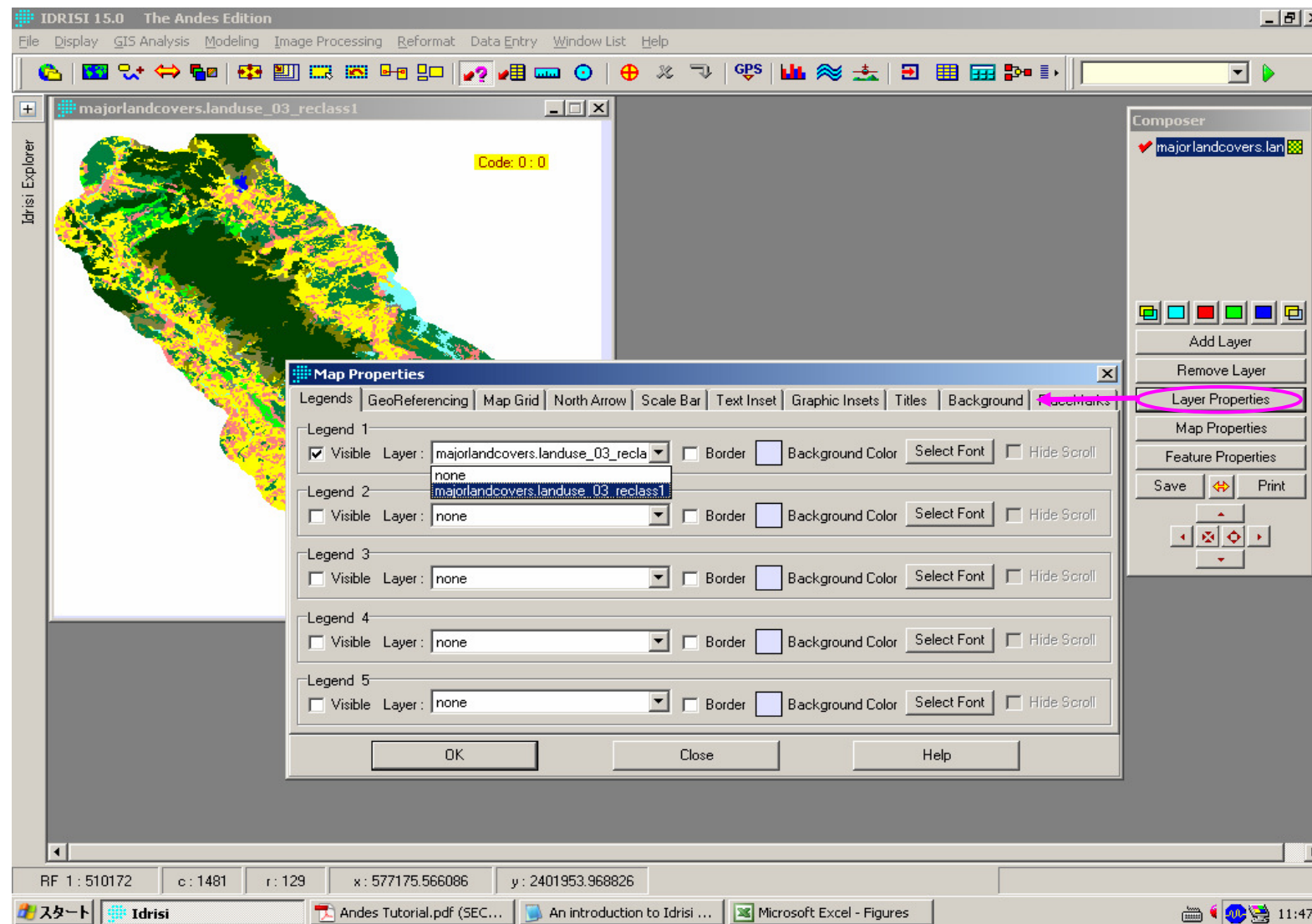Fig.6: Advanced palettes/symbol selection

Fig.7: Displaying legends of map

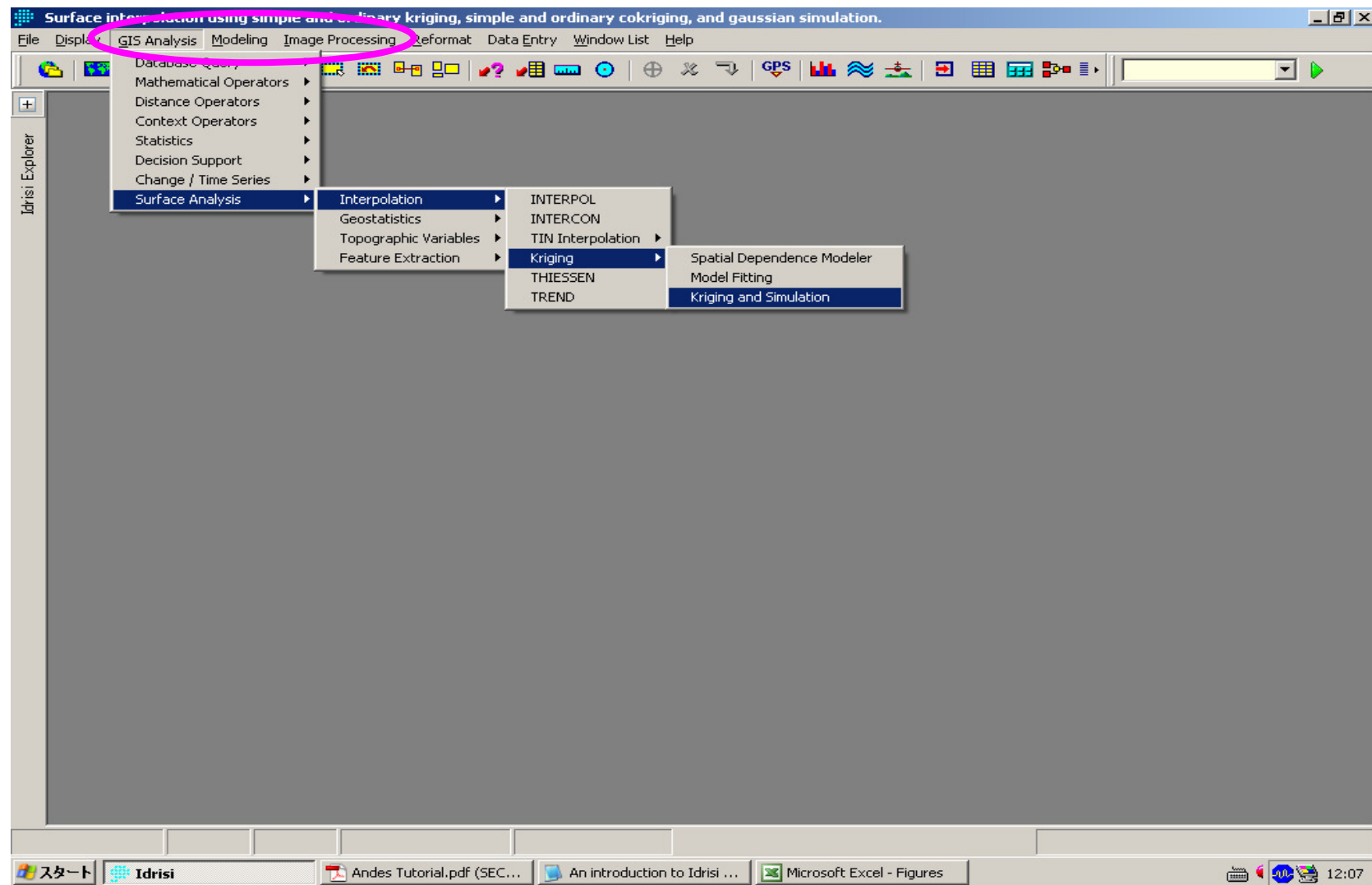# Part 2: Menu System Organization, *let see some modules*

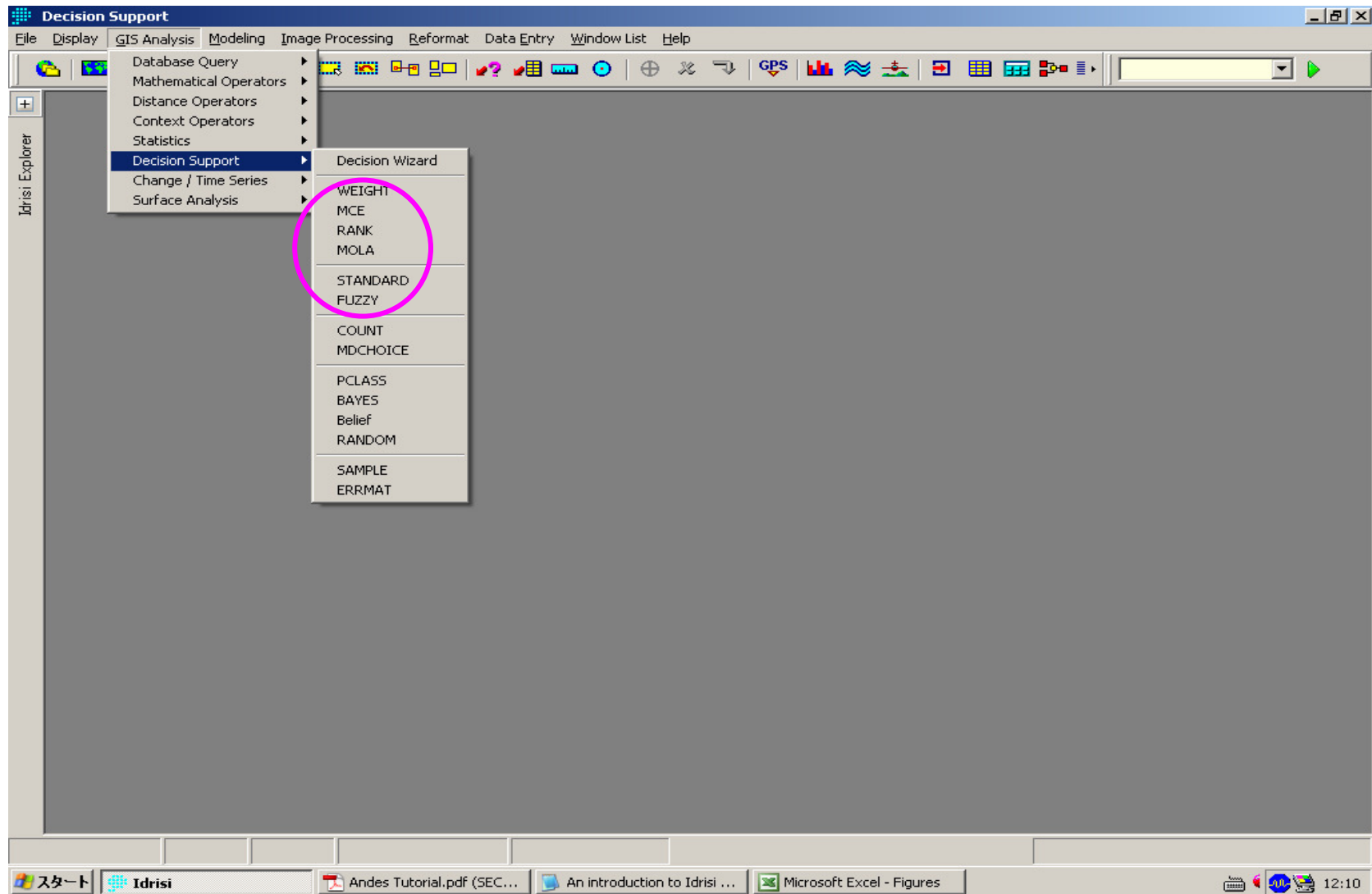Fig.8: Surface analysis for spatial analysis/modeling

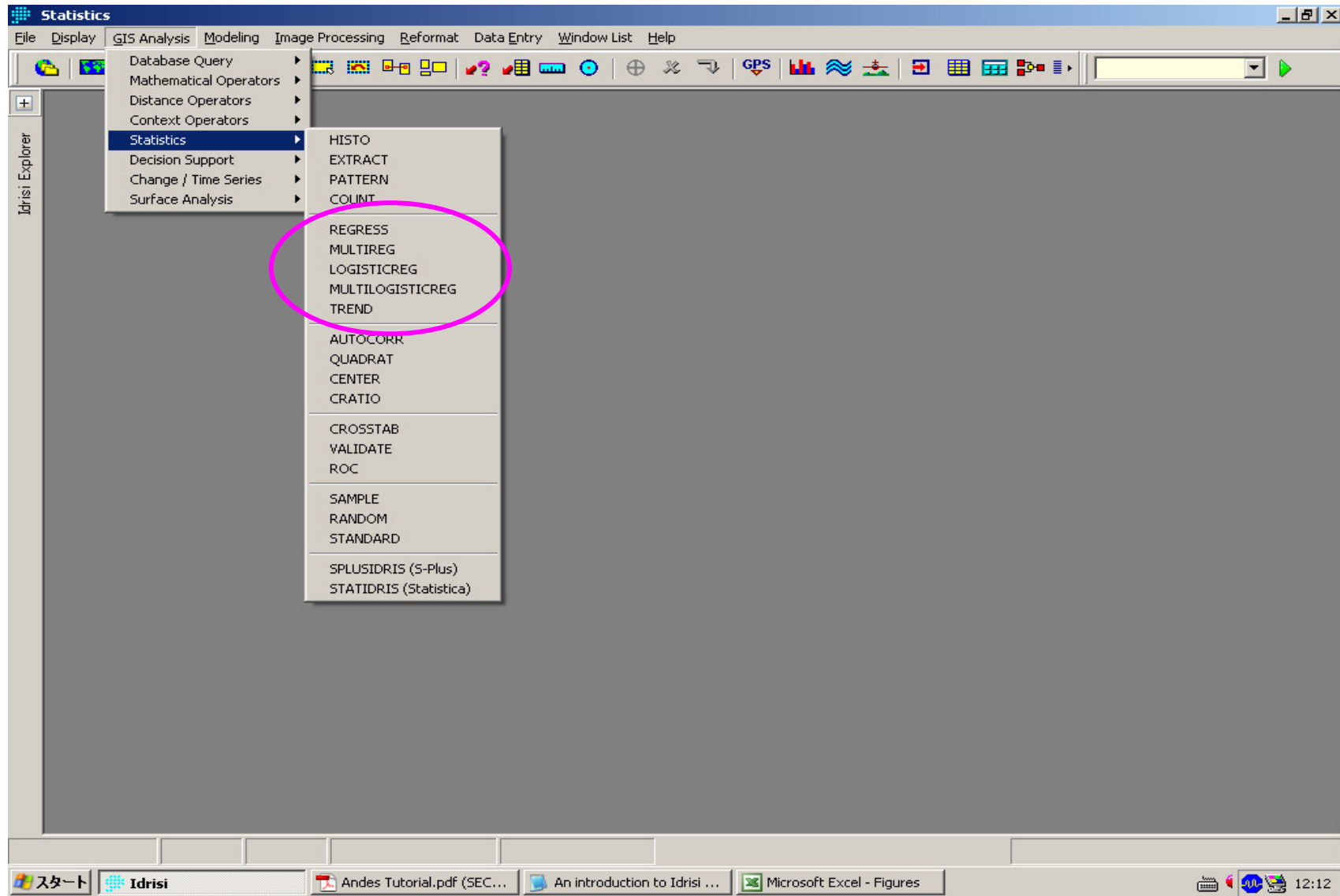Fig.9: Decision support utility for land evaluation/land use planning

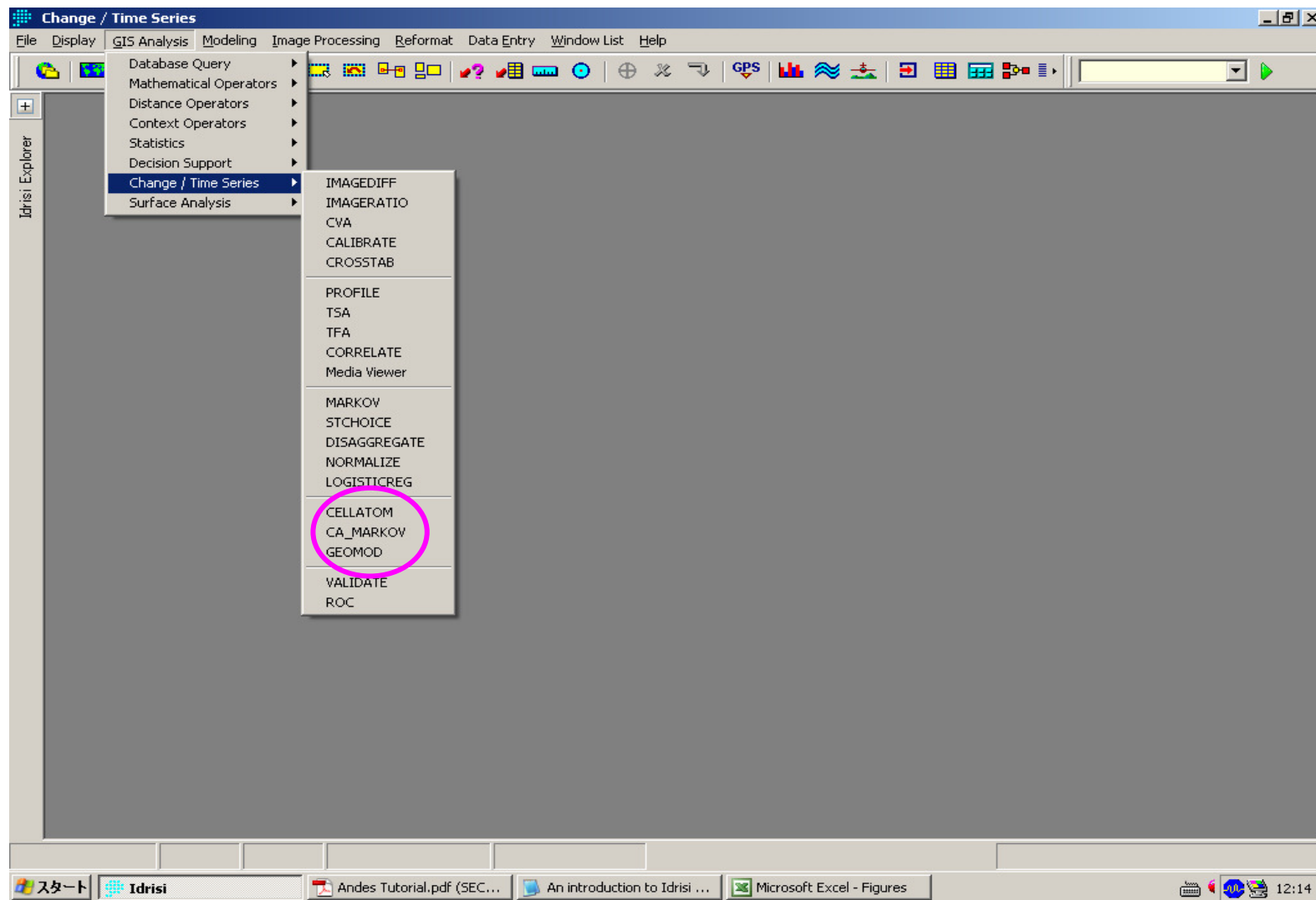Fig.10: Statistical analysis using statistics & geo-statistics

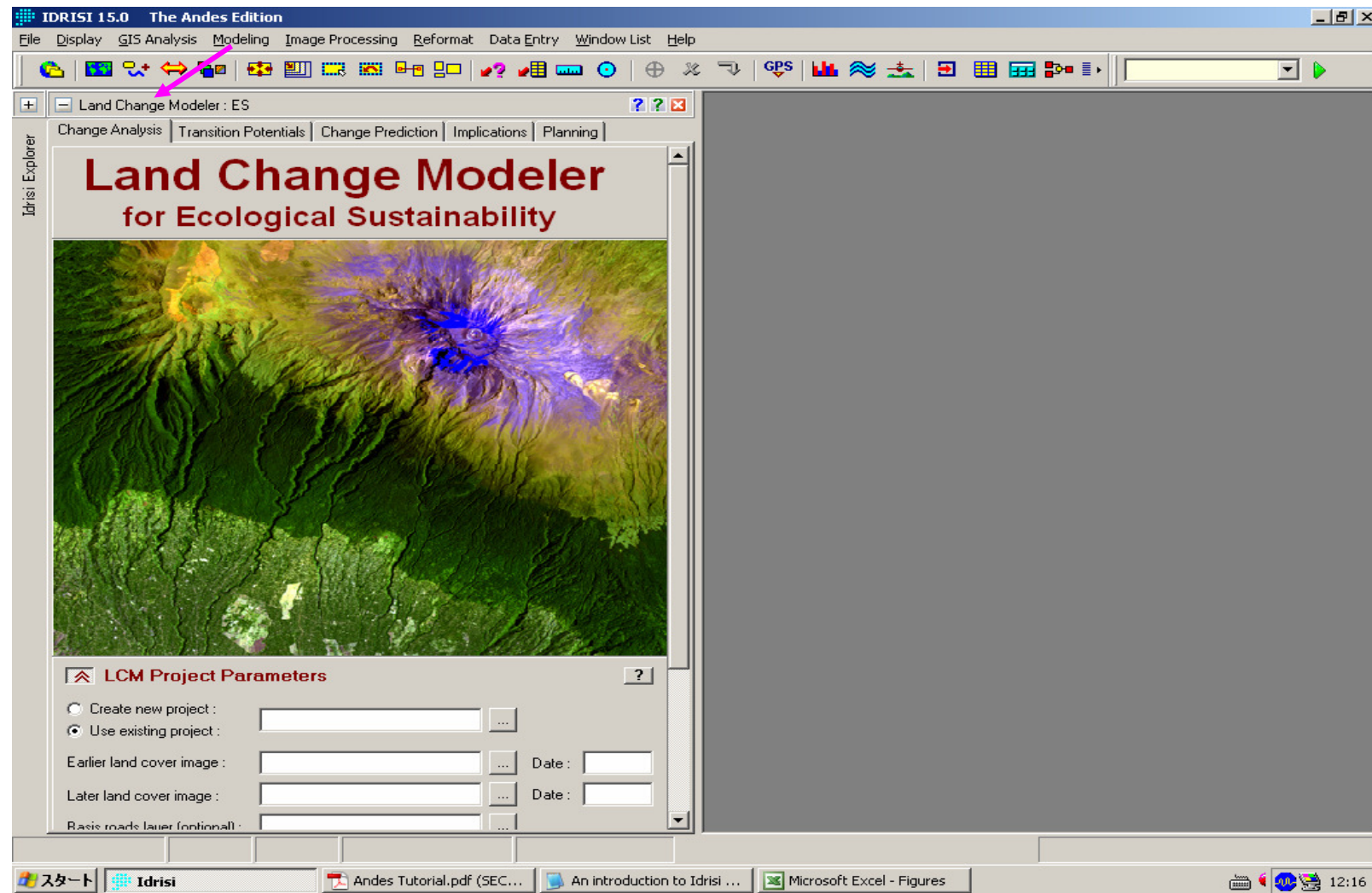Fig.11: Change & time series analysis (**dynamic modeling**)

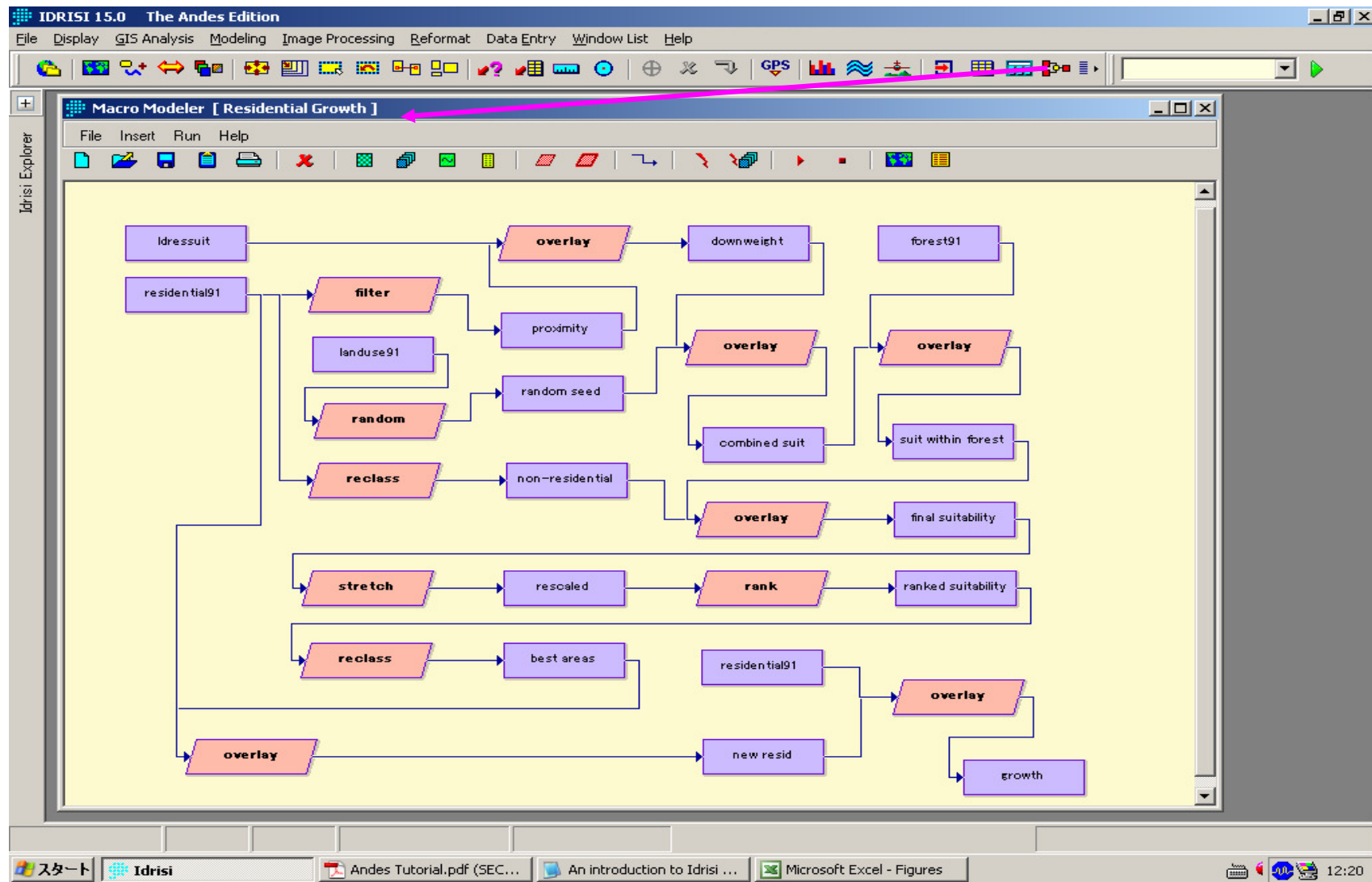Fig.12: Land change analysis, **modeling complexities of human-ecosystem interface**

Fig.13: Macro modeler for cartographic modeling & simulations

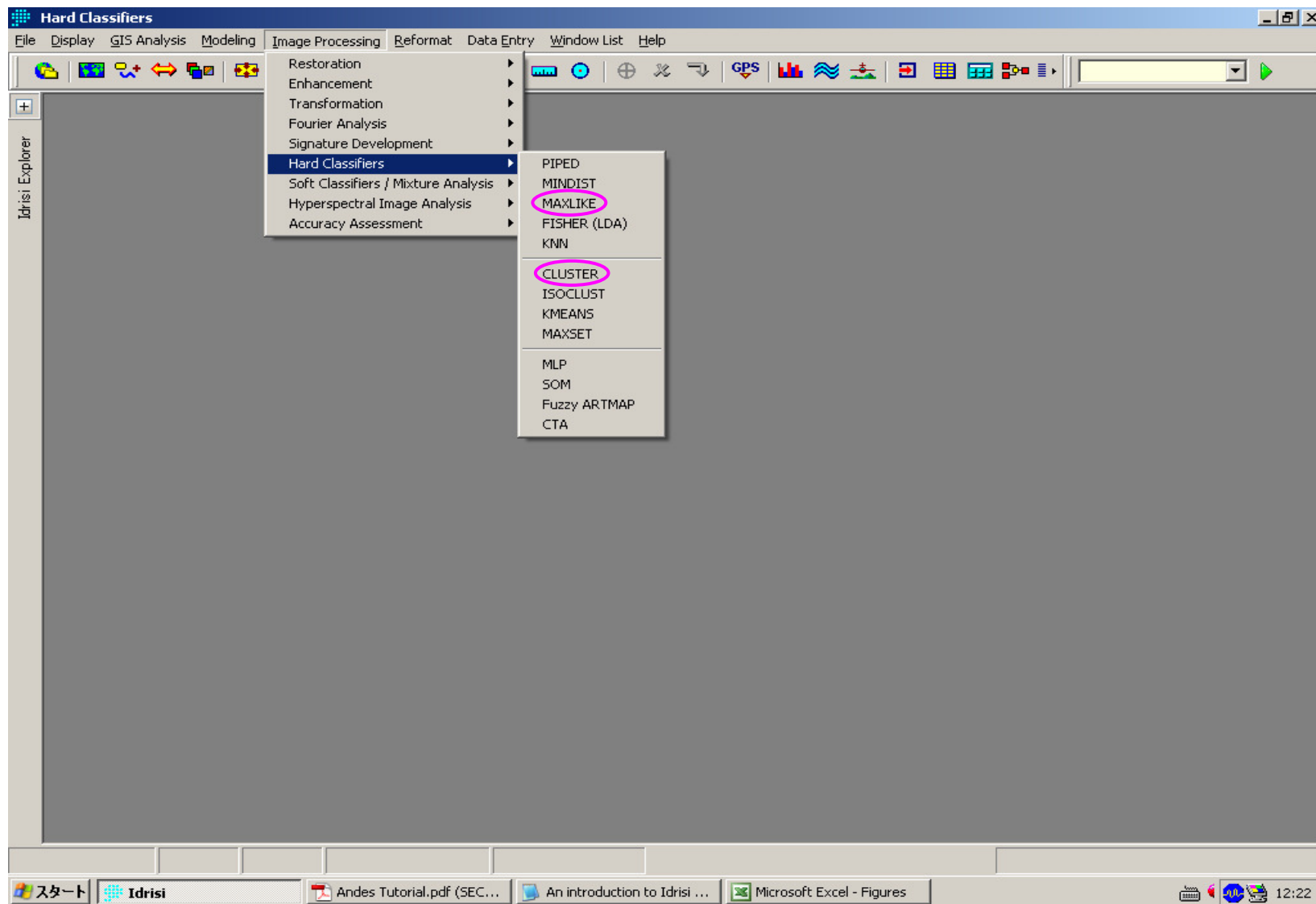*(it is easy to adjust parameters/variables during simulation process)*

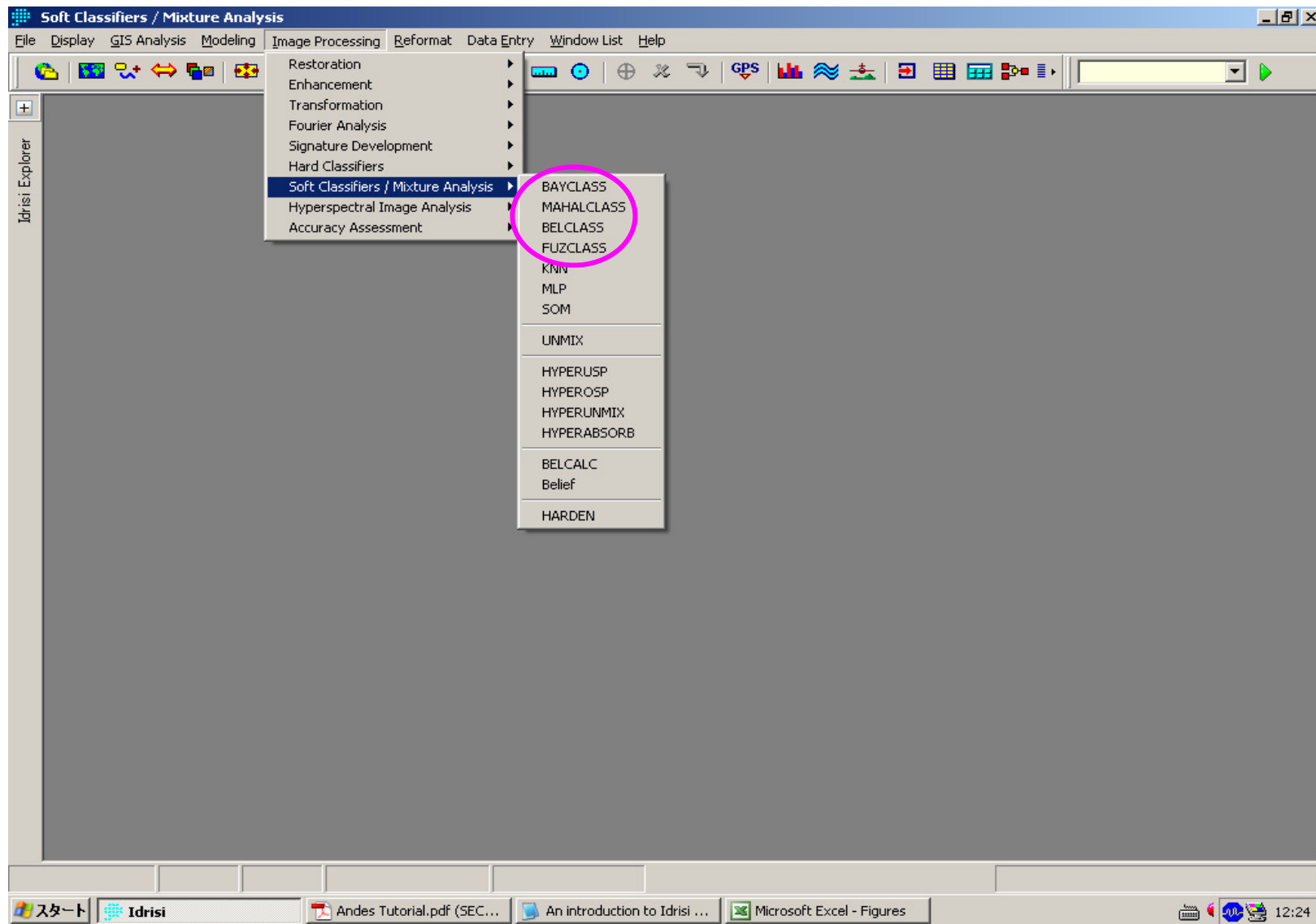Fig.14: Hard classifiers with supervised or non-supervised data

Fig.15: Soft classifiers

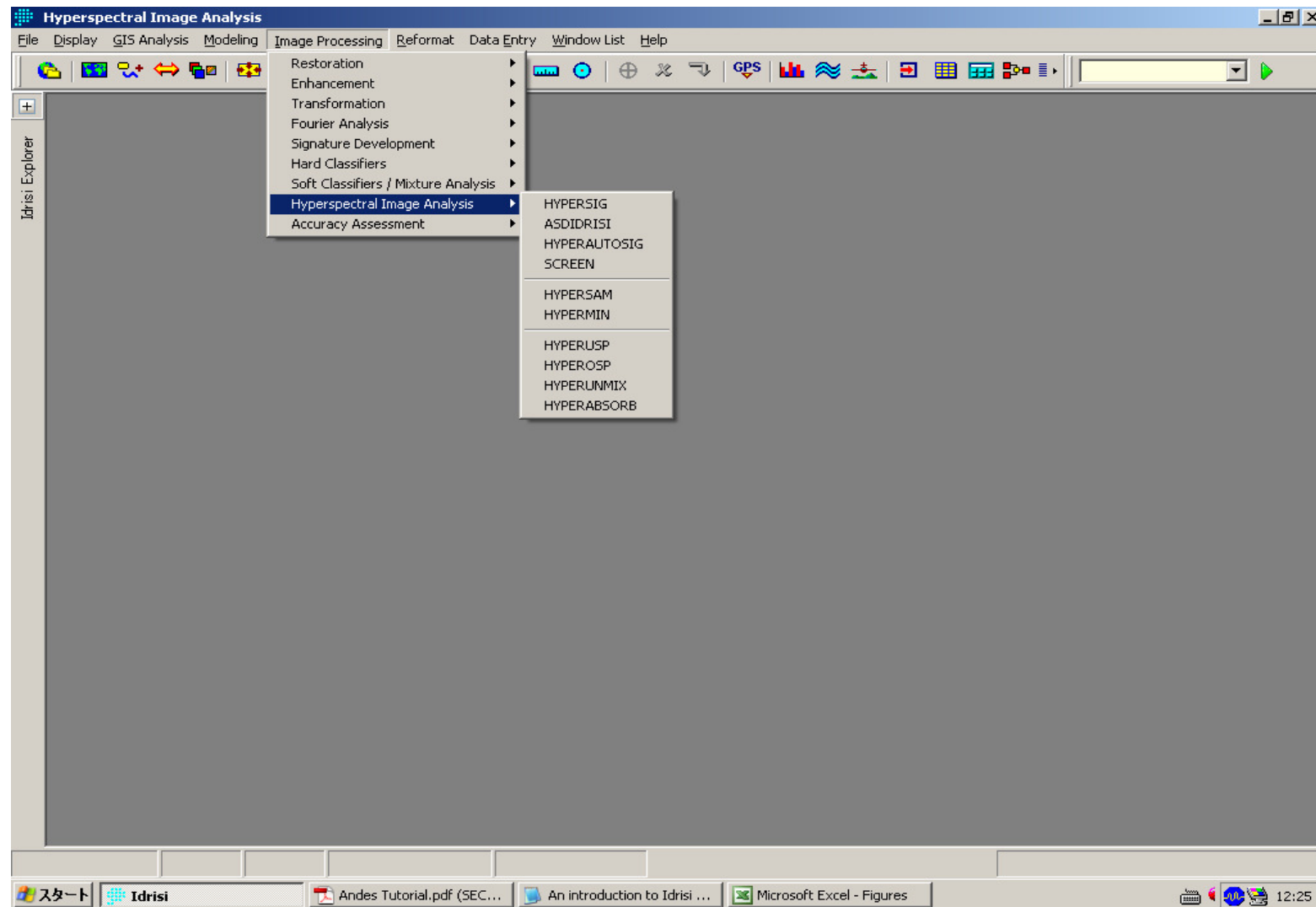Fig.16: Hyper-spectral RS data
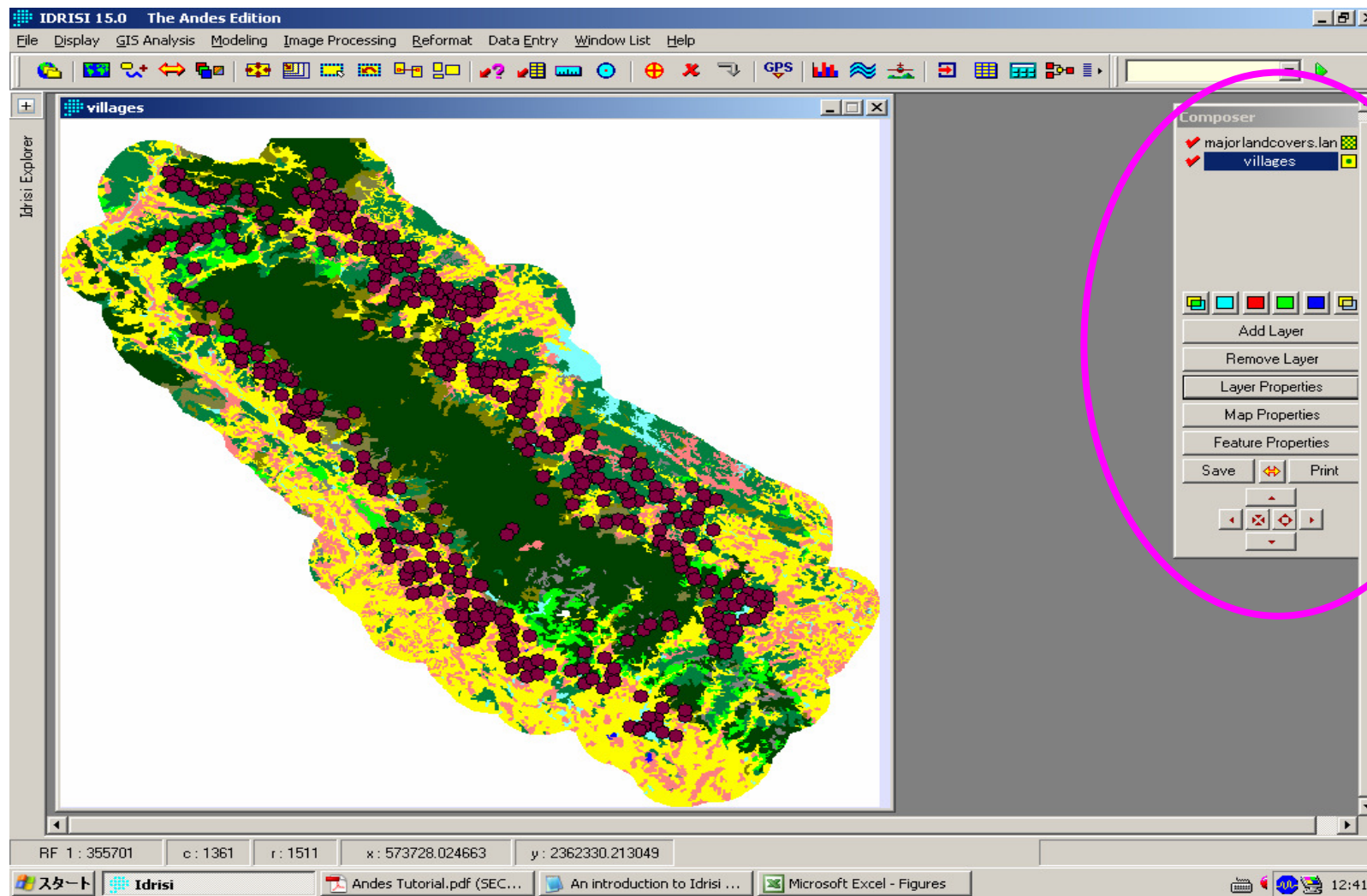
Part 3: Composer Utility

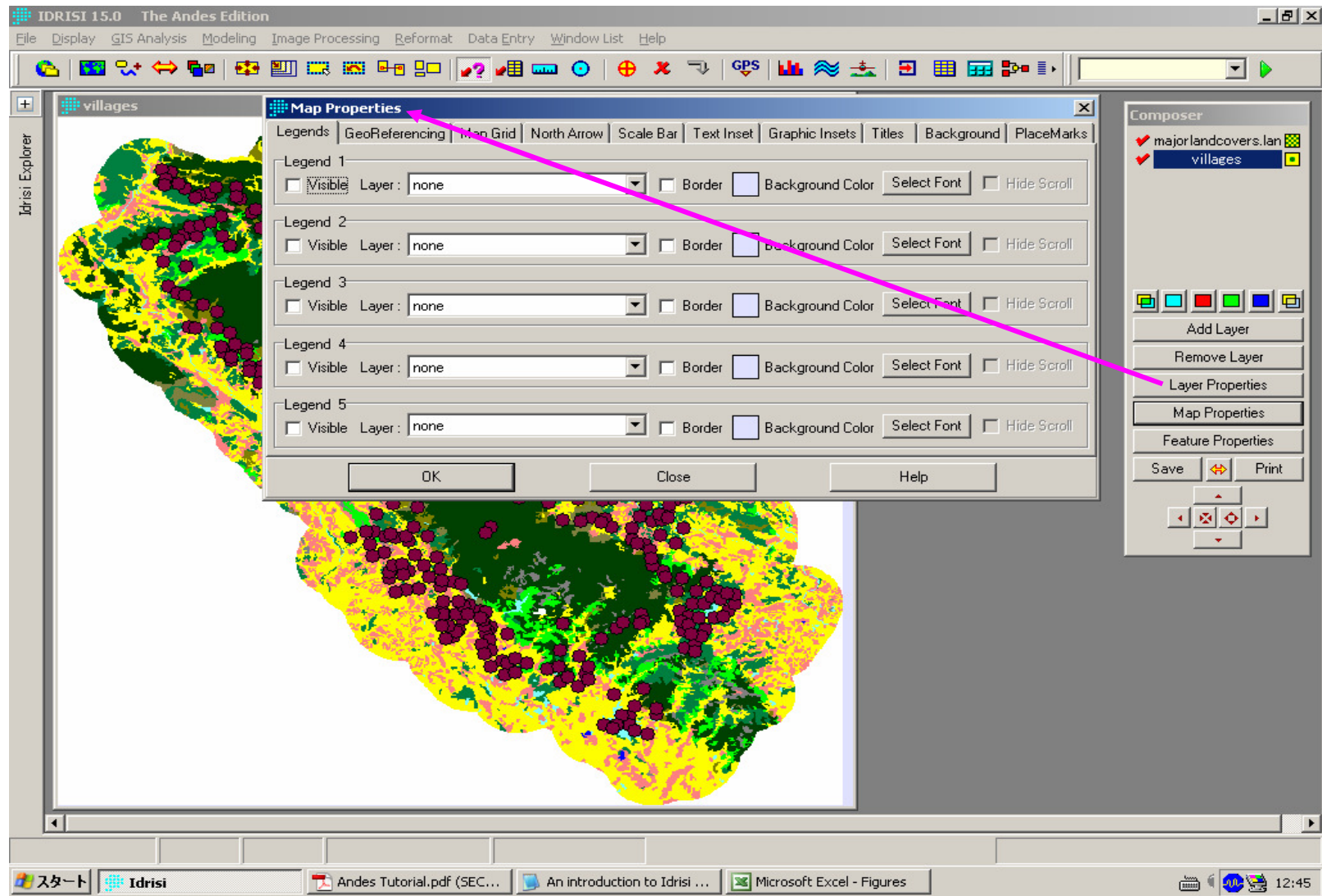Fig.17: Add/remove map while overlaying multiple maps

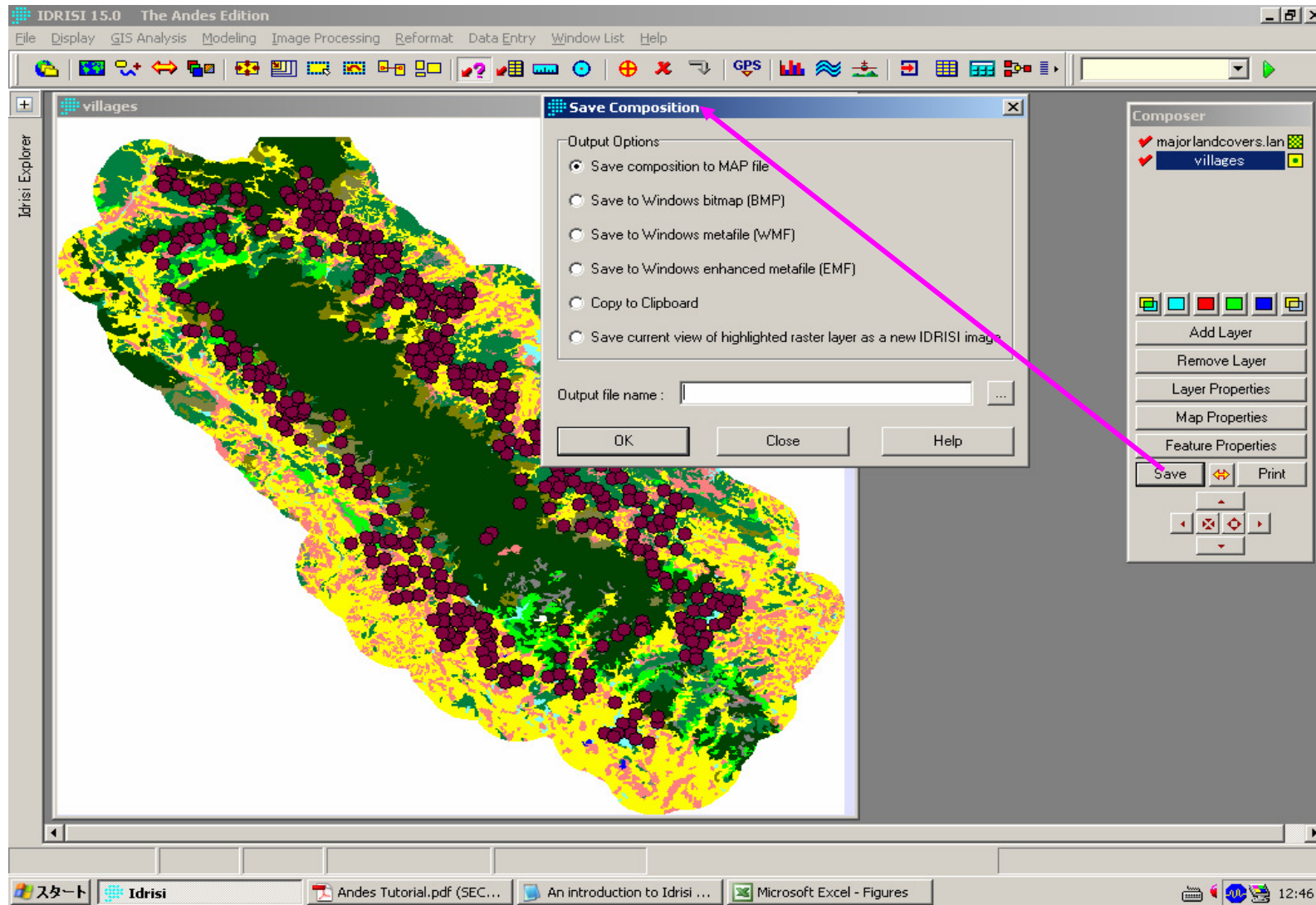Fig.18: Using map properties utility
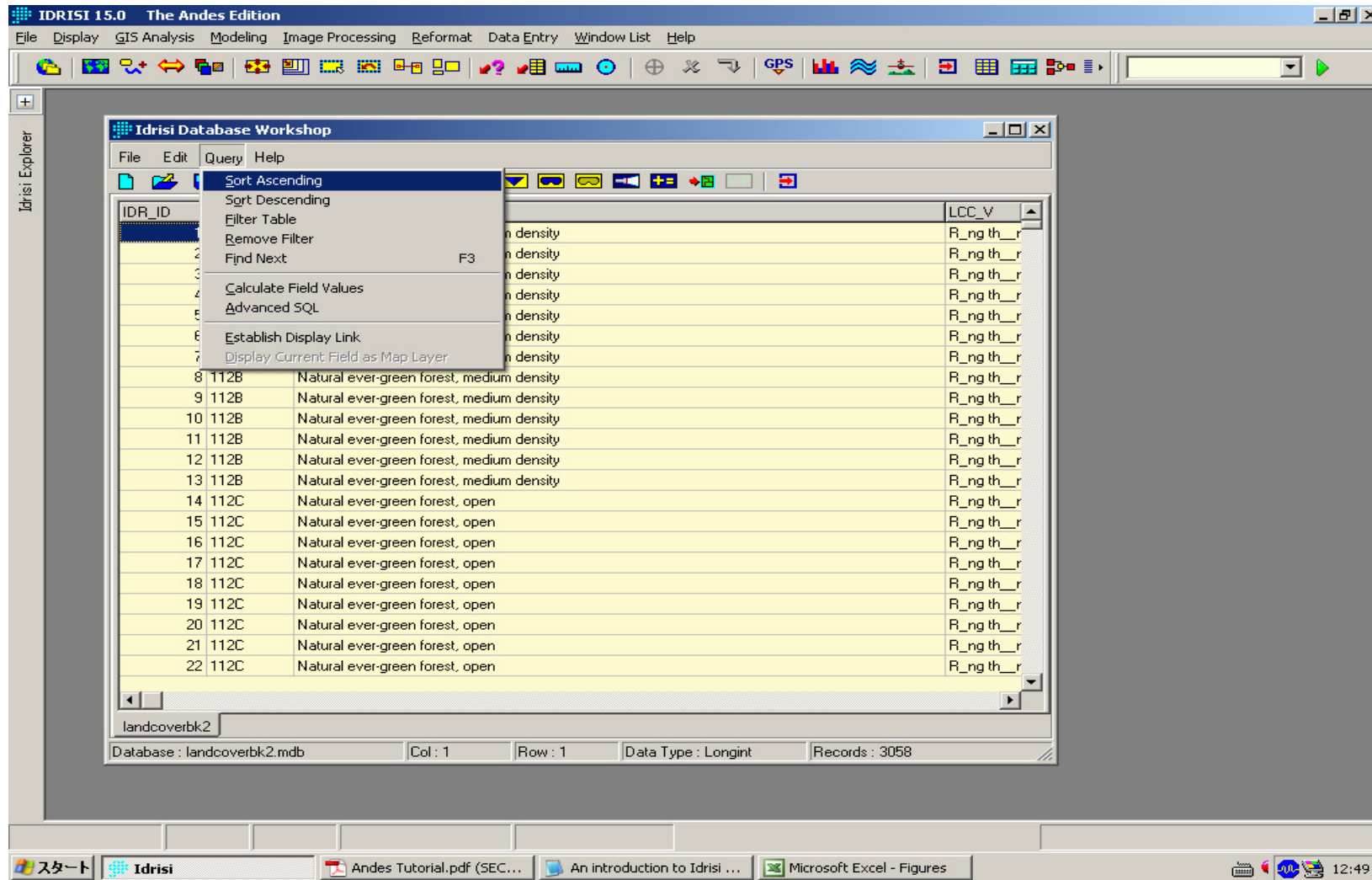
Fig.19: Save map composition

Fig.20: Creating a new-data/edit/query with database workshop

Part 4: Review on tutorial

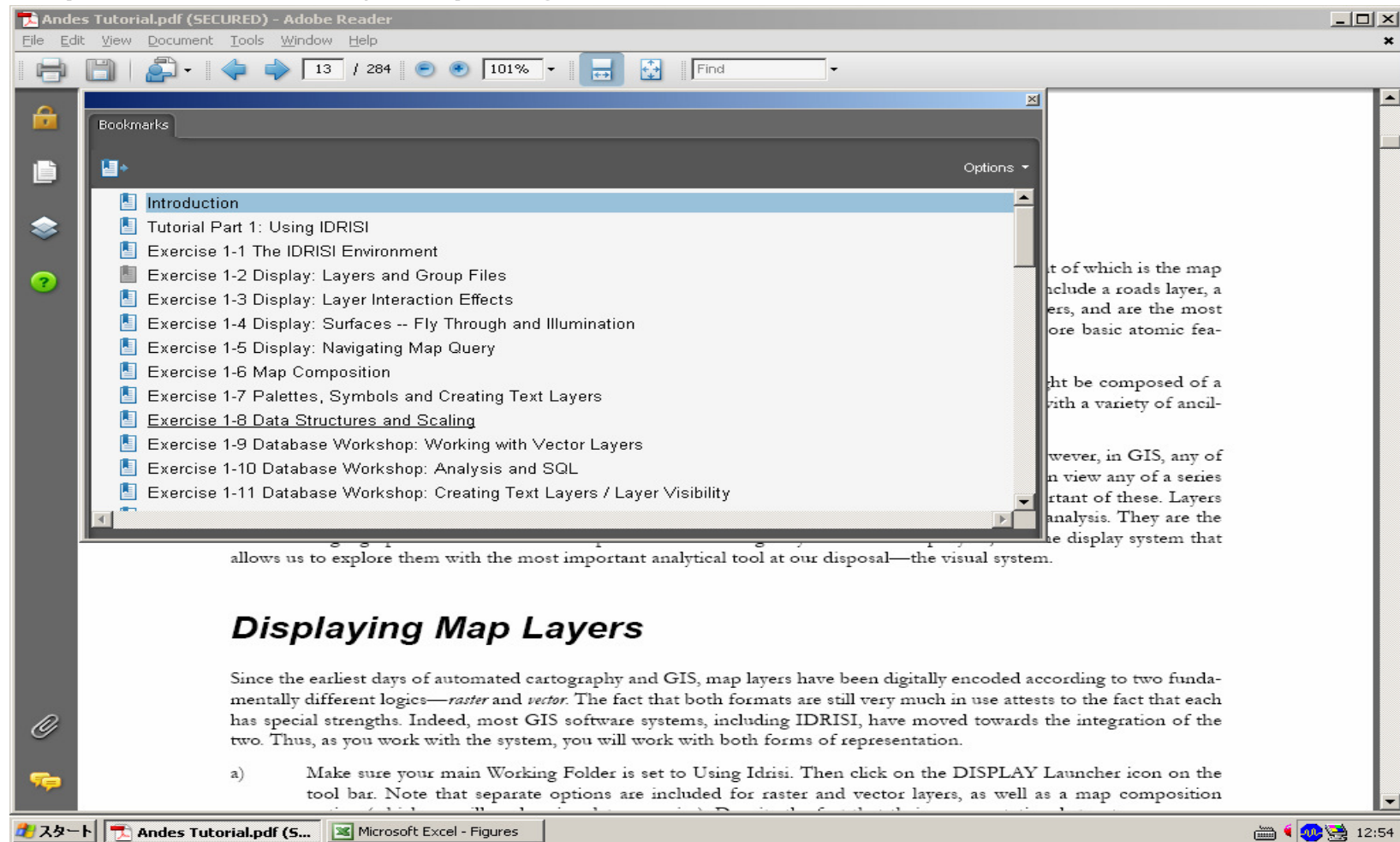**Explore more IDRISI by completing exercises from GIS intro-to-advanced level**

Fig.21: GIS intro-part 1 with IDRISI, **helping in use of modules**

Andes Tutorial.pdf (SECURED) - Adobe Reader

File Edit View Document Tools Window Help

13 / 284   101%   Find

Bookmarks

Options ▾

...t of which is the map ...clude a roads layer, a ...ers, and are the most ...ore basic atomic fea-

...ht be composed of a ...ith a variety of ancil-

...wever, in GIS, any of ...n view any of a series ...rtant of these. Layers ...analysis. They are the ...e display system that allows us to explore them with the most important analytical tool at our disposal—the visual system.

Displaying Map Layers

Since the earliest days of automated cartography and GIS, map layers have been digitally encoded according to two fundamentally different logics—*raster* and *vector*. The fact that both formats are still very much in use attests to the fact that each has special strengths. Indeed, most GIS software systems, including IDRISI, have moved towards the integration of the two. Thus, as you work with the system, you will work with both forms of representation.

a)   Make sure your main Working Folder is set to Using Idrisi. Then click on the DISPLAY Launcher icon on the tool bar. Note that separate options are included for raster and vector layers, as well as a map composition

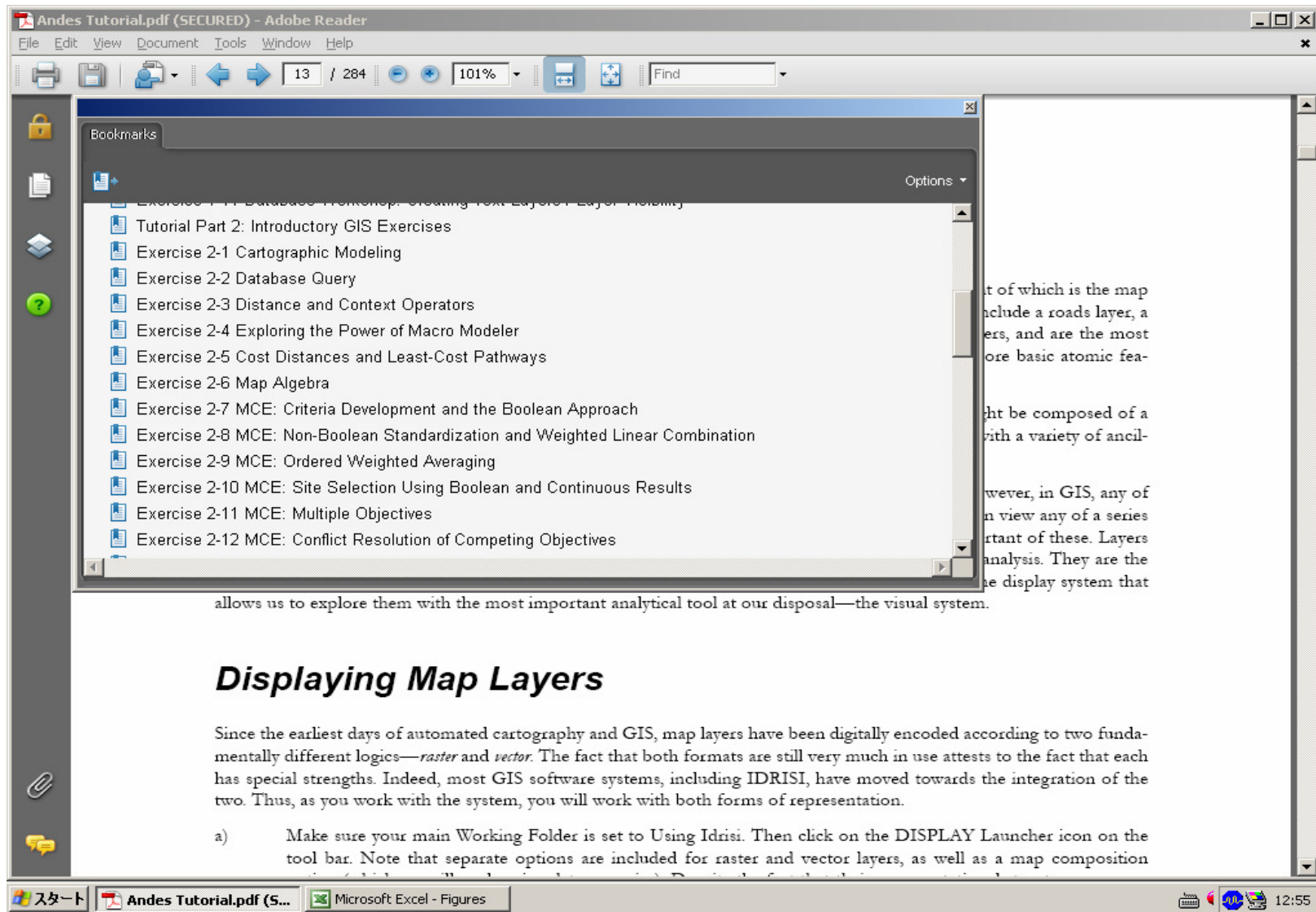スタート   Andes Tutorial.pdf (S...   Microsoft Excel - Figures   12:55

Fig.22: GIS intro-part 2 with IDRISI, helping in use of modules

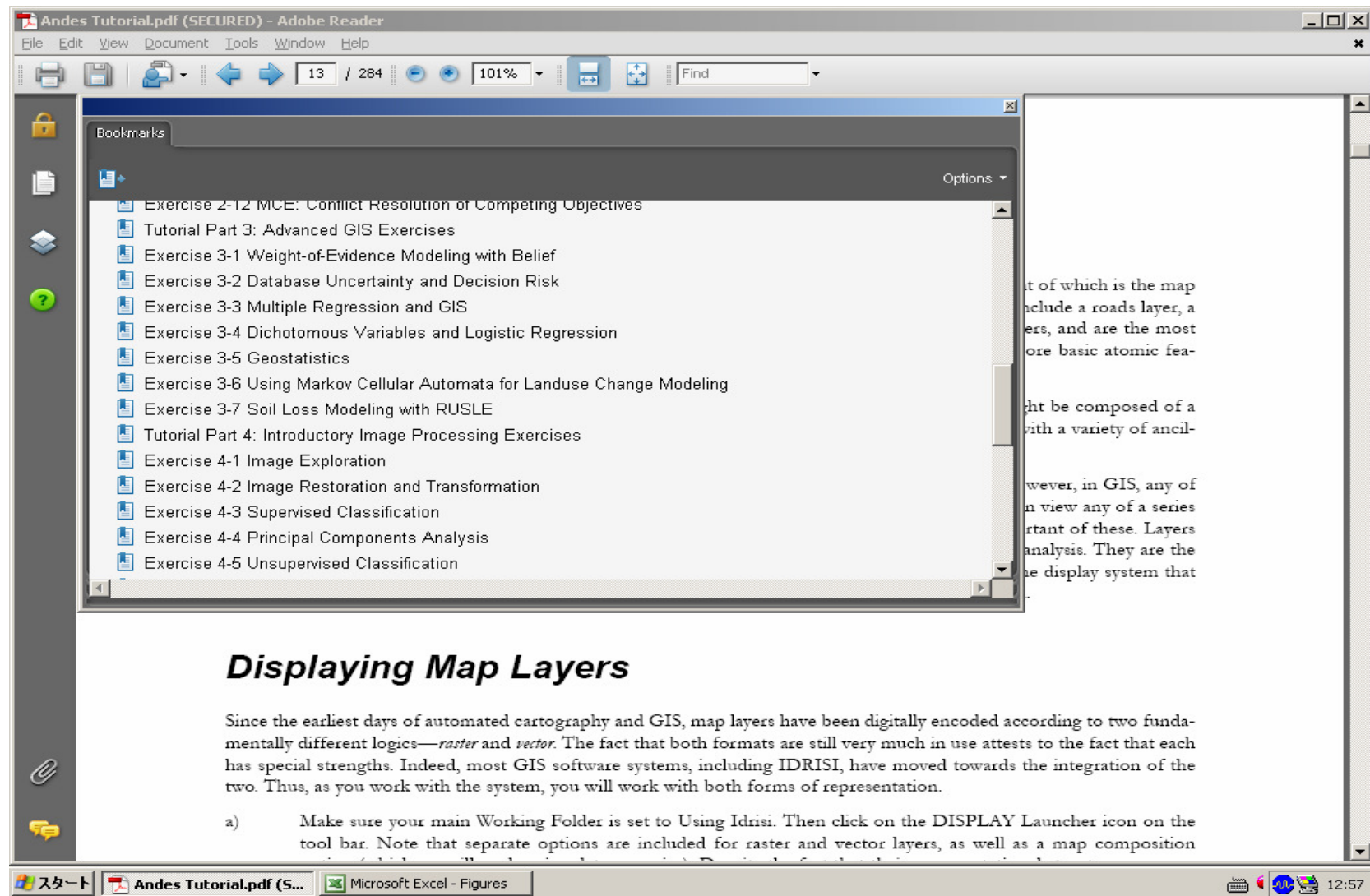**If you are interested in IDRISI, please continue this advanced level**

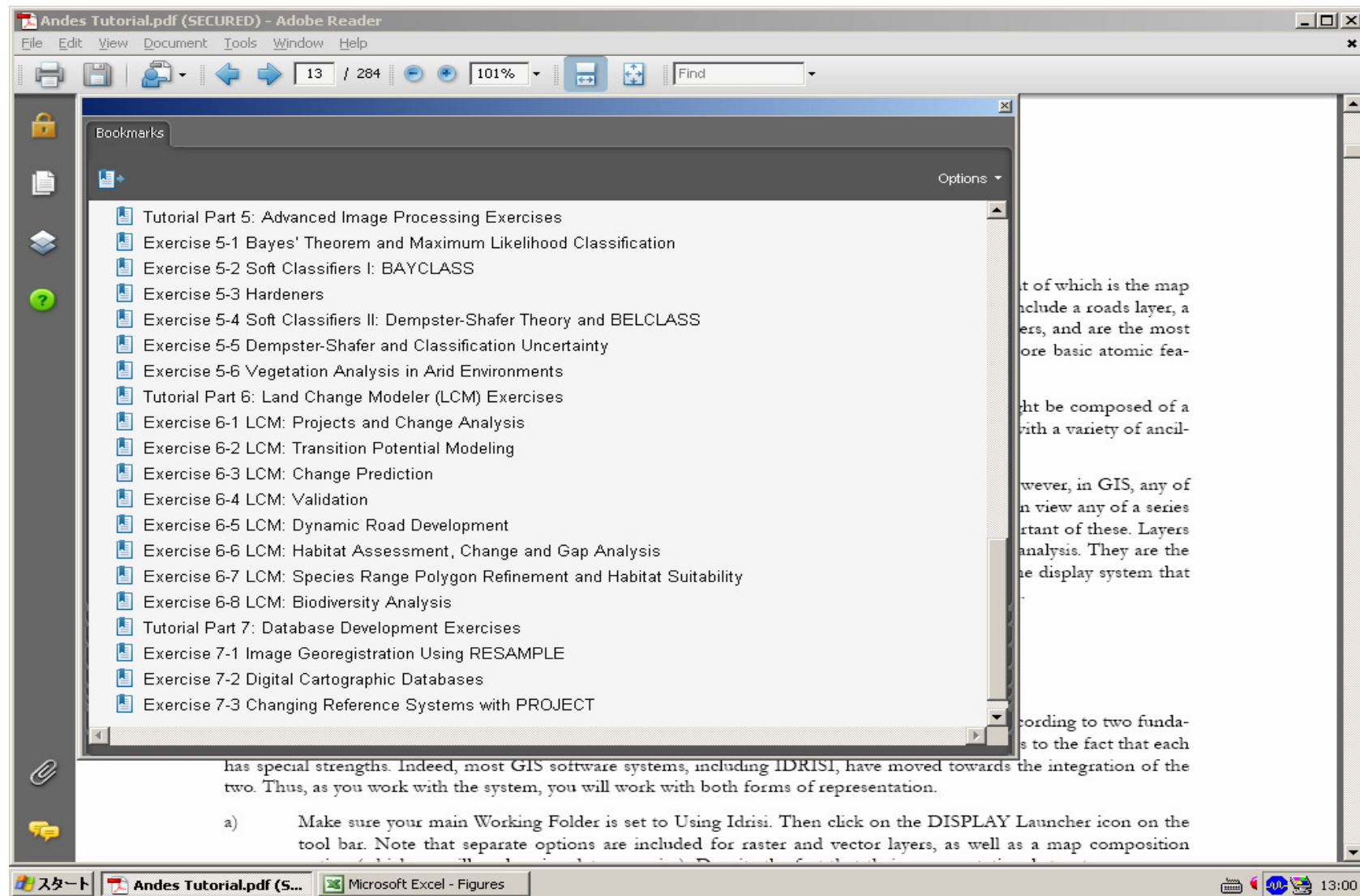Fig.23: Advanced GIS exercises with IDRISI, **case study application projects**

Fig.24: Advanced RS exercises, modeling tools, dataset development

Applications of IDRISI：http://www.idrisi.com/applications/index.cfm

Thank you for your attention!