

# Earth Resource Mapping

## ArcGIS® ECW Plug-in Product Brochure

Version 2.0 Beta 1, May 2004



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## Earth Resource Mapping

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# PROBLEM/SOLUTION CLIENT EXAMPLES

## Problem/Solution Client Examples

The ArcGIS 8.x-9.x plug-in solves many user problems. Two examples are:

### **Customer Problem 1:**

Customer cannot display ECW imagery in ArcGIS environment

### **Feature Solution 1:**

Users can now view and work with ECW imagery in their ArcGIS environment. Users can also take advantage of the FREE compression tool the plugin offers – compressing imagery up to 500MB.

### **Customer Problem 2:**

Customer cannot access algorithms.

### **Feature Solution 2:**

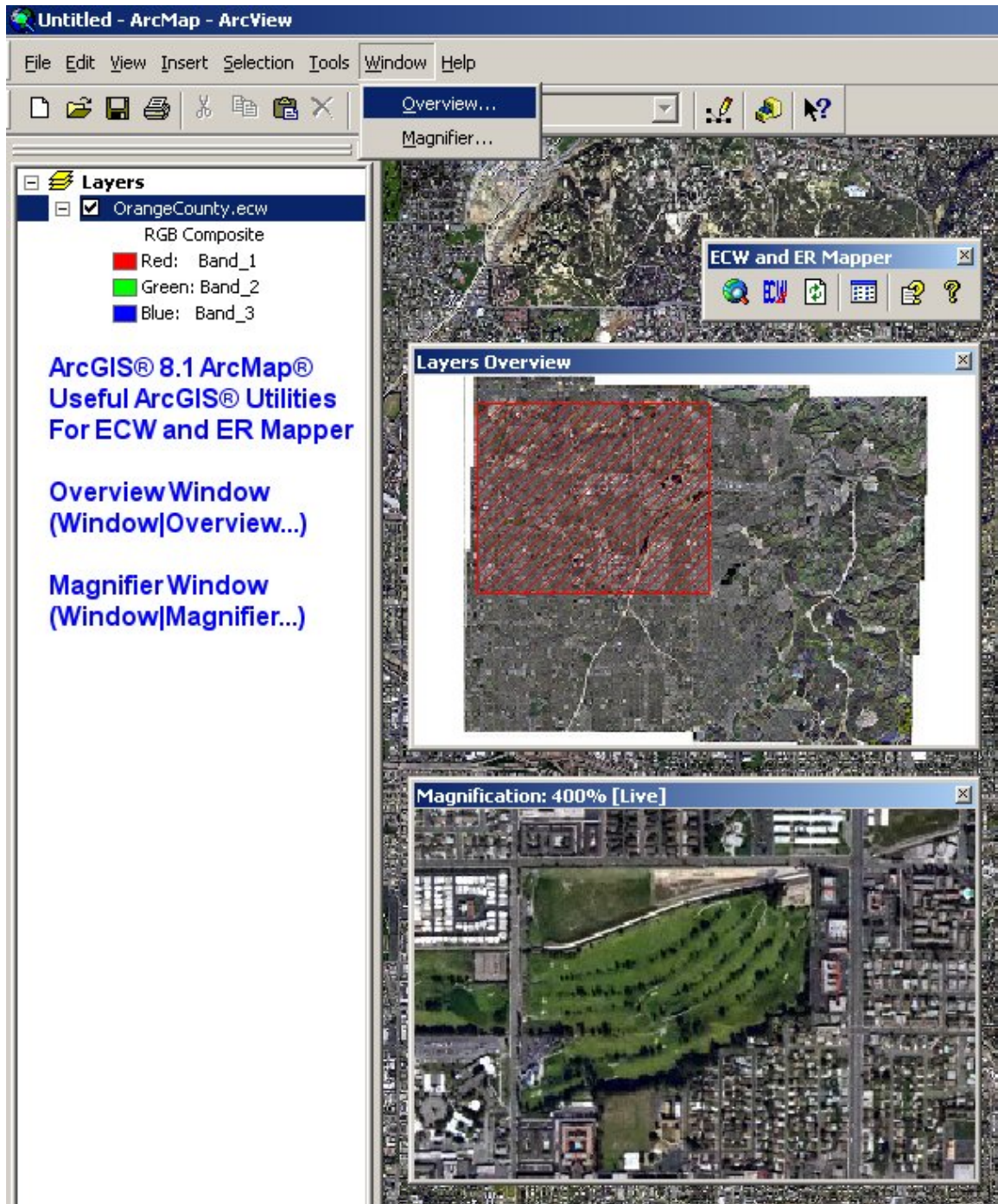
The ArcGIS plugin supports algorithm files giving users the ability to work with algorithms in their ERDAS® environment.

# PRODUCT DESCRIPTION

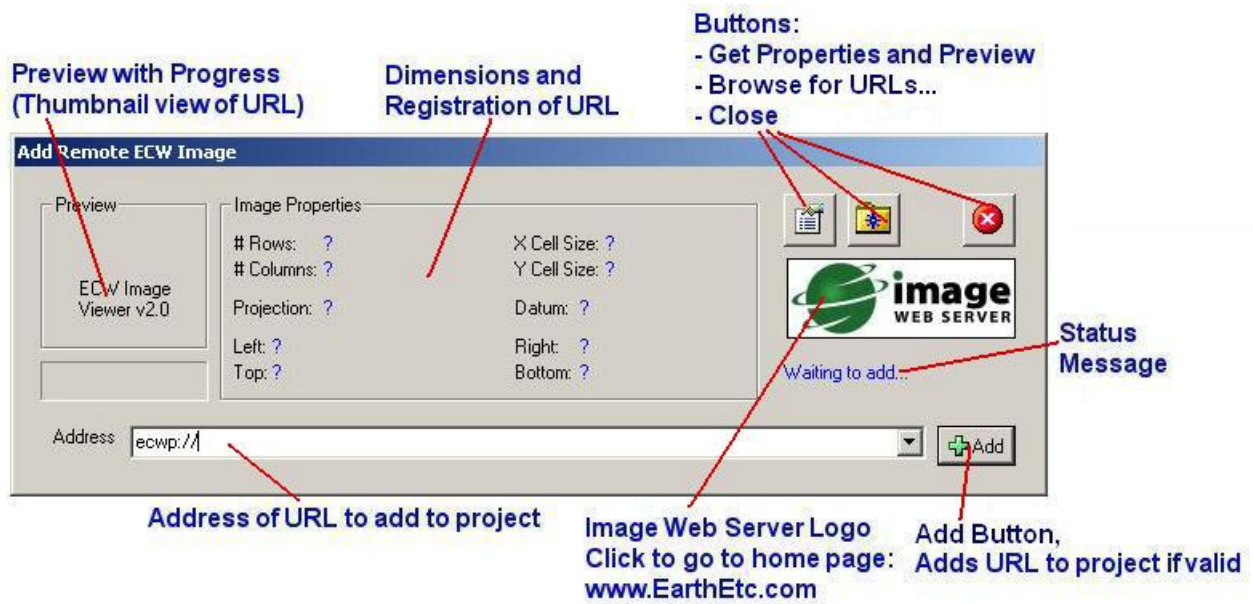
## New Features Overview

The most significant new features and improvements for this release are:

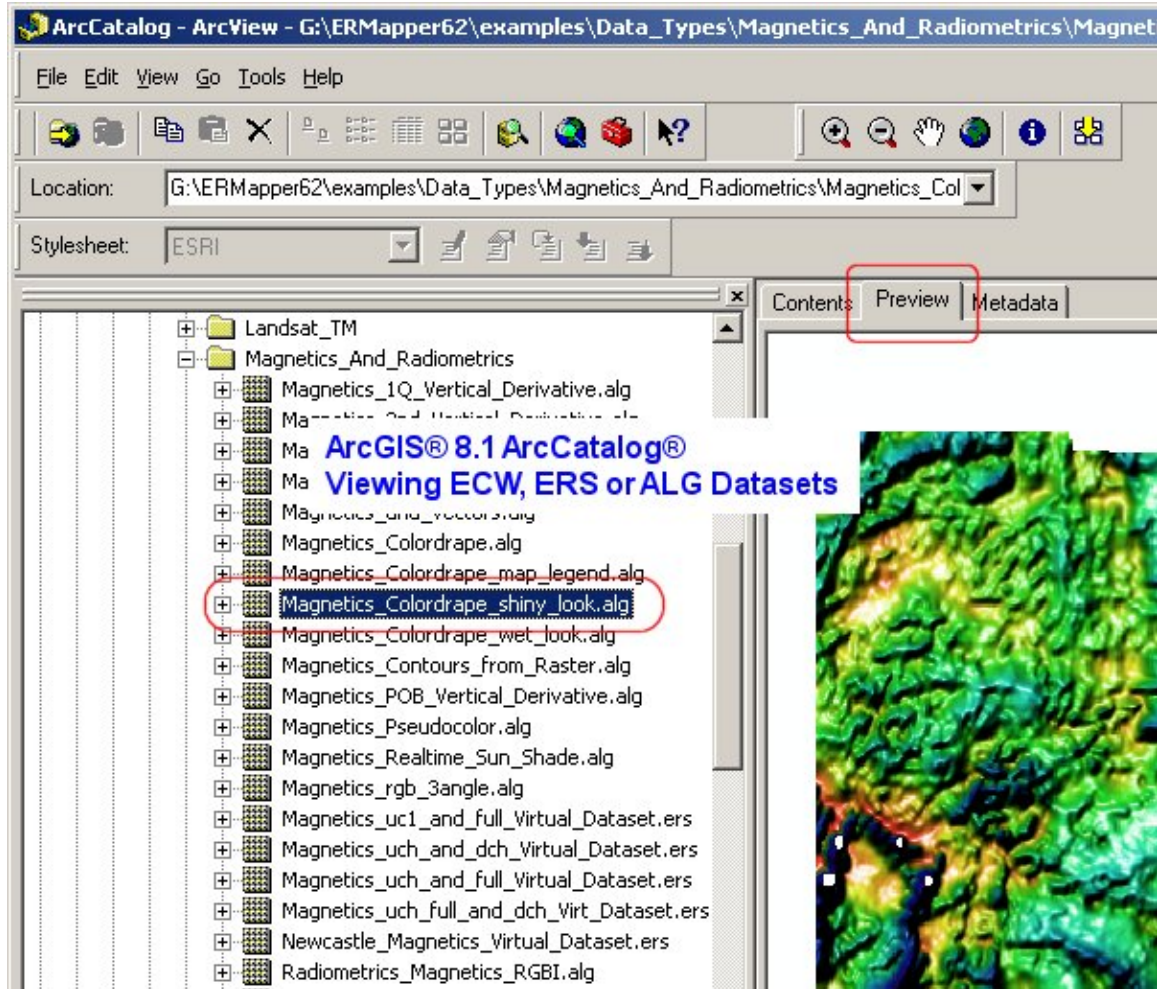
- Significant improvement in the display/process speed of imagery. ECW is now easily the fastest and most efficient format for compressed large imagery in the ArcGIS Desktop environment.



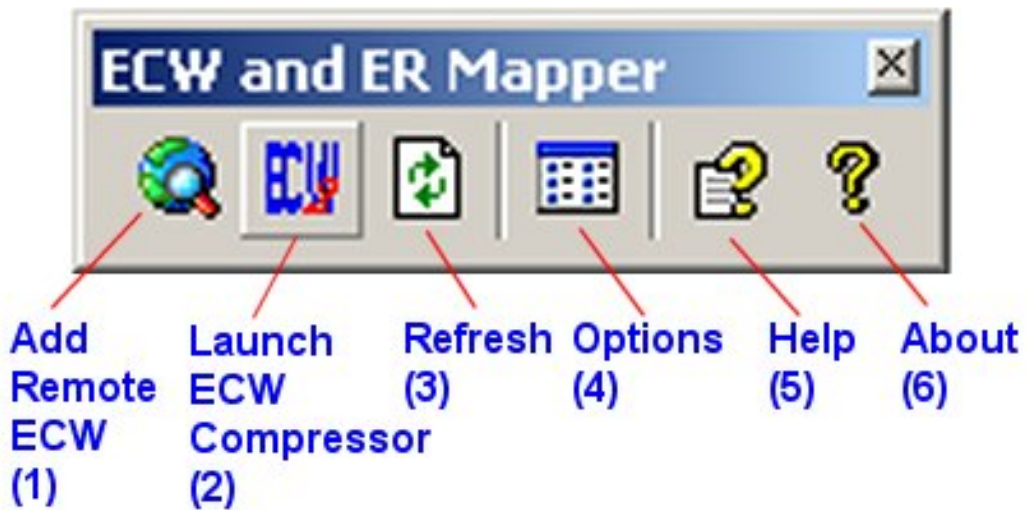
- The ability to add remote ECW imagery to your project served by the Image Web Server. This functionality is a key feature of the ArcView 3.x plug-in, and is now available in ArcGIS environment.

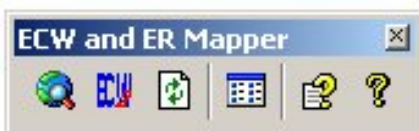


- The addition of ER Mapper's ALG and ERS formats. No longer are ER Mapper users and their clients restricted to ArcView 3.x plug-in for their GIS projects. Also, virtual datasets (e.g. ERS→TIFF) can now be added to your projects.

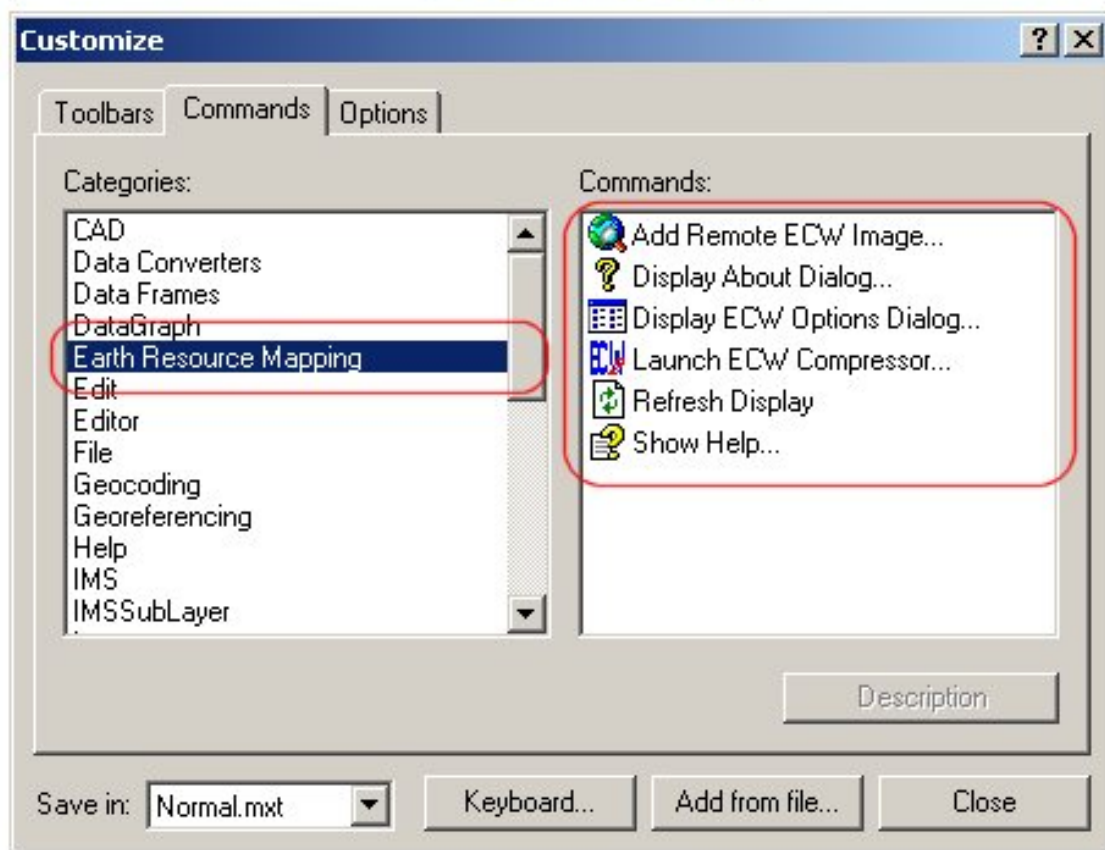


- New toolbar and commands provide a user-friendly interface, access to plug-in features and customisation of workspace. Some of the commands on the toolbar include, add remote ECW, launch ECW compressor, plug-in options, access to help documentation and about dialog.

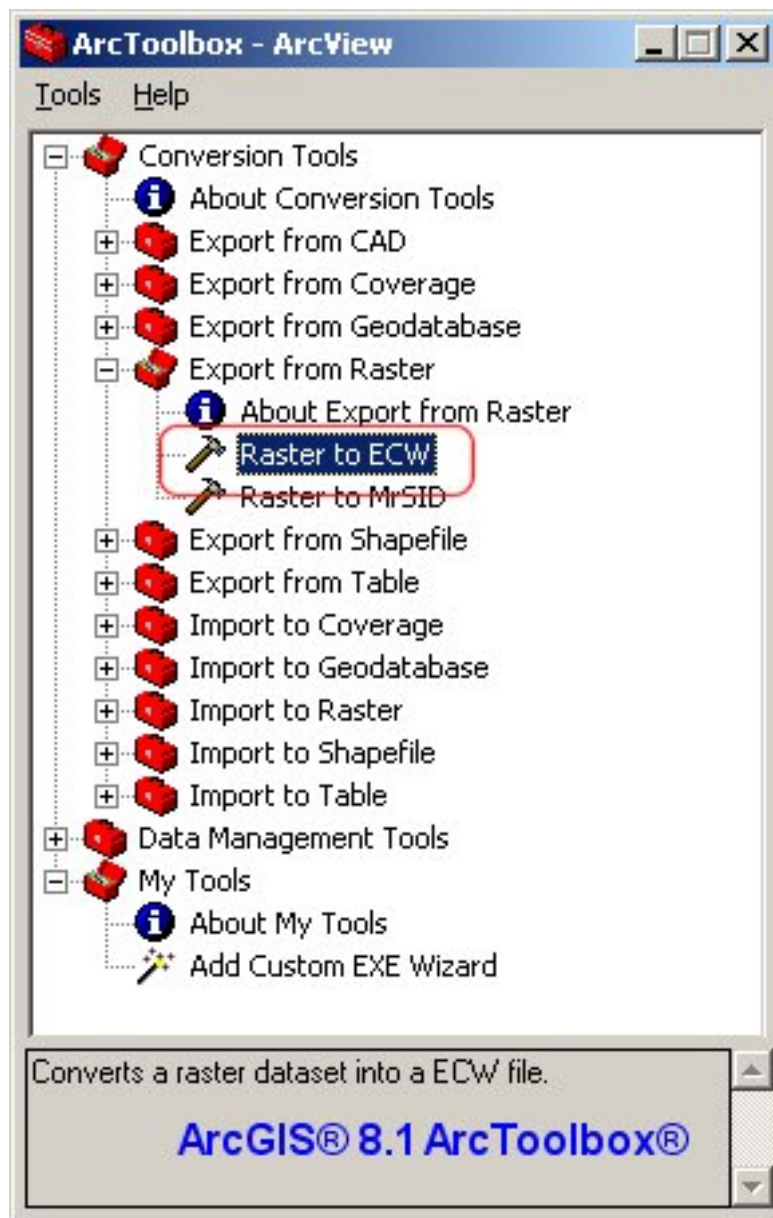


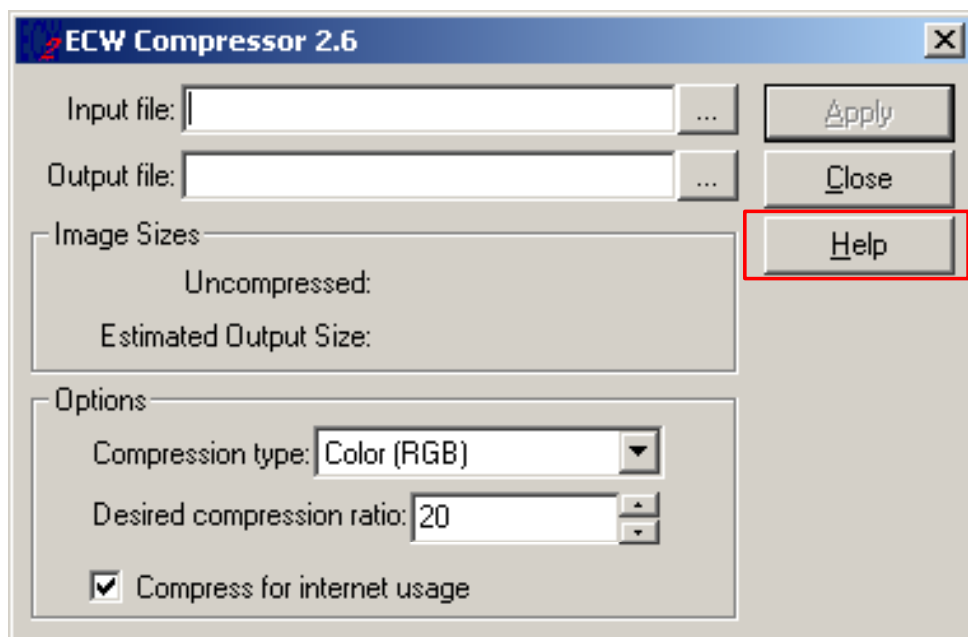
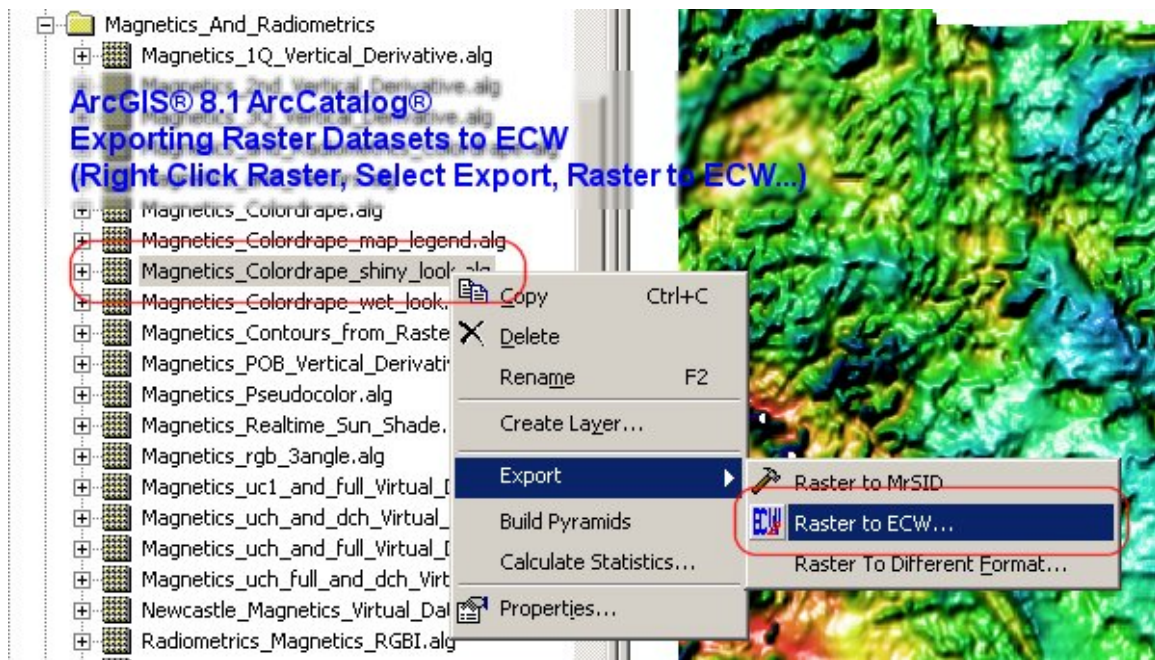


## ArcGIS® 8.1 Customize Window (Tools|Customize Menu, Commands Tab)



- Better integration with ECW compressor. The ECW compressor can be accessed via command or export menu “Raster to ECW...”. As the compressor is a separate process, compression tasks can be carried out without restricting workflow in the ArcGIS environment. Other advantages include robustness and the ability for compression to continue while ArcGIS is closed.





- Comprehensive help documentation with illustrations provides a useful resource for new users or who want to get the most from the plug-in.

The screenshot shows a Microsoft Internet Explorer window titled "ECW and ER Mapper Plug-in for ArcGIS® 8.x-9.x - Help Documentation". The address bar shows the path: C:\Program Files\Earth Resource Mapping\ArcGIS Plug-in with ECW Compressor\ArcGIS Plug-in\Help\Documentation.htm. The main content area has a heading "Adding/Viewing ECW and ER Mapper Images in a Project" and a paragraph: "ECW and ER Mapper images can be added to your project like any other raster format that is included with ArcGIS (except for remote ECW images. These will be described in another section)."

Within ArcMap®

Select **Add Data...** under the **File** menu or click on the **Add Data...** button to bring up the **Add Data** dialog shown below.

The screenshot shows the ArcMap File menu. The "Add Data..." option is highlighted with a red box. A red box also highlights the "Add Data..." button on the ArcMap toolbar.

Select an ECW, ERS or ALG raster dataset in the list and click on the **Add** button.

The screenshot shows the "Add Data" dialog box. The "Look in:" field is set to "Compression". The list of datasets is as follows:

| Name                                 | Type           |
|--------------------------------------|----------------|
| San_Diego_Airphoto_34_compressed.ecw | Raster Dataset |
| San_Diego_Airphoto_34_compressed.ers | Raster Dataset |

# PRODUCT INFORMATION

## Hardware/Software Requirements

To install the ArcGIS 8.x-9.x plug-in the following software/hardware requirements must be met:

| Windows Platform        |  |   |
|-------------------------|--|---|
|                         | Supported  | Recommended   |
| <b>Operating System</b> | <ul style="list-style-type: none"> <li>• Windows NT 4.0 SP6</li> <li>• Windows 2000</li> <li>• Windows XP</li> </ul>                                       | <ul style="list-style-type: none"> <li>• Windows 2000 SP4</li> <li>• Windows XP SP1</li> </ul>  |
| <b>Processor</b>        | <ul style="list-style-type: none"> <li>• Intel® Pentium® or higher</li> <li>• AMD® Athlon®/AthlonXP®</li> <li>• Equivalent 100% x86 compatibles</li> </ul> | <ul style="list-style-type: none"> <li>• Pentium® 3</li> <li>• AMD® Athlon®</li> </ul>  |
| <b>Memory</b>           | <ul style="list-style-type: none"> <li>• 32MB or higher</li> </ul>   | <ul style="list-style-type: none"> <li>• 128MB or higher</li> <li>• 110MB Hard disk space</li> <li>• 180MB Swap files</li> <li>• 100MB Temporary files</li> </ul> |
| <b>Display</b>          | <ul style="list-style-type: none"> <li>• Any 8, 16, 24 or 32-bit display</li> <li>• 800x600 or higher resolution</li> </ul>                                | <ul style="list-style-type: none"> <li>• 16bit or higher display depth (65535 colors or more)</li> <li>• 1024x768 or higher resolution</li> </ul>                 |
| <b>Disk Space</b>       | <ul style="list-style-type: none"> <li>• 110MB</li> <li>• An additional 180 MB for swap space</li> </ul>   | <ul style="list-style-type: none"> <li>• 110MB Temporary Files</li> <li>• 110MB Swap Files</li> </ul>   |

# PRODUCT MARKETING

## **ER Mapper Website:**

The ER Mapper website contains all up-to-date information regarding products, applications, support, updates, downloads, press releases, company information and on-line shopping.

You can download the ArcGIS plug-in from:

[www.ermapper.com/downloads](http://www.ermapper.com/downloads)

## **Press Releases:**

Press Release: Enhanced ECW plugin for ArcGIS adds URL image access

All press releases can be viewed at the following URL:

<http://www.ermapper.com/company/news.aspx>

## **Pricing:**

The ArcGIS 8.x-9.x plug-in is a FREE product.

## **Notes:**

Please read the 'Read Me' file upon installation of the product.