

ArcGIS Explorer – Installation Guide

IBA Canada
Important Bird Areas

Why do I need this easy-to-use GIS data viewer – free, and advantages over Google Earth when digitizing boundaries and creating survey/thematic maps etc. Underlying satellite and topographic (e.g. roads/hydrology etc.) layers can be imported from external sources as KMZ or shape files/layers and maps visualized in 2D or 3D. Re-digitized IBA boundaries/survey maps can be saved as KMZ or map files and uploaded into unique Explorer or PowerPoint presentations. Text files can also be uploaded and incorporated into maps and presentations. A tool box for statistical and spatial analysis can be customized too.

1. Check your computers compatibility by visiting the Explorer website/resource link - <http://resources.arcgis.com/content/arcgis-explorer/1500/download>). Instructions and installation is intended for PC/windows users and not Macintosh.
2. Verify that 'Microsoft .NET Framework 3.5 Service Pack 1' is installed in your computer (go to Control Panel > Add or Remove Programs). If not, click here to download <http://links.esri.com/arcgisexplorer/dotnet35SP1>.
3. **You must select the appropriate version of the software (2 versions exist)**. See the [ArcGIS Explorer Current User Installation Guide](#) for more information.

Version One is for **users** who have administrator access on their computers, or are **using other ArcGIS products** (the versions supported with ArcGIS Explorer are ArcGIS 9.3, 9.3.1 and 10). [English](#) | [Simplified Chinese](#) | [French](#) | [German](#) | [Japanese](#) | [Spanish](#)
- Version Two** is for **users who** do not have administrator access on their computers and **do not have any other ArcGIS products installed** [English](#) | [Simplified Chinese](#) | [French](#) | [German](#) | [Japanese](#) | [Spanish](#)
4. Save and then run the program after closing any windows applications/programs.
5. Visit <http://www.esri.com/software/arcgis/explorer/index.html> for more information about this program (you can try it online).
6. If you have technical problems during installing click here <http://resources.arcgis.com/content/arcgis-explorer/1500/system-requirements>.

Contact BSC's Janet Moore (jmoore@bsc-eoc.org) or by phone: 519-586-3531/toll free: 1-888-448-2473.

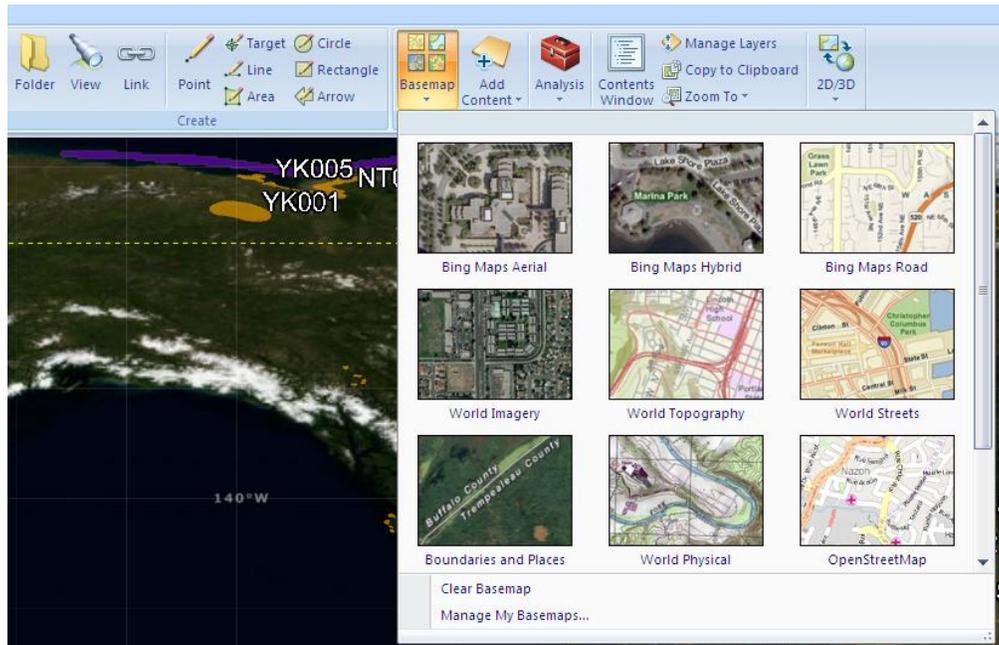
Date: December 2011 v.2



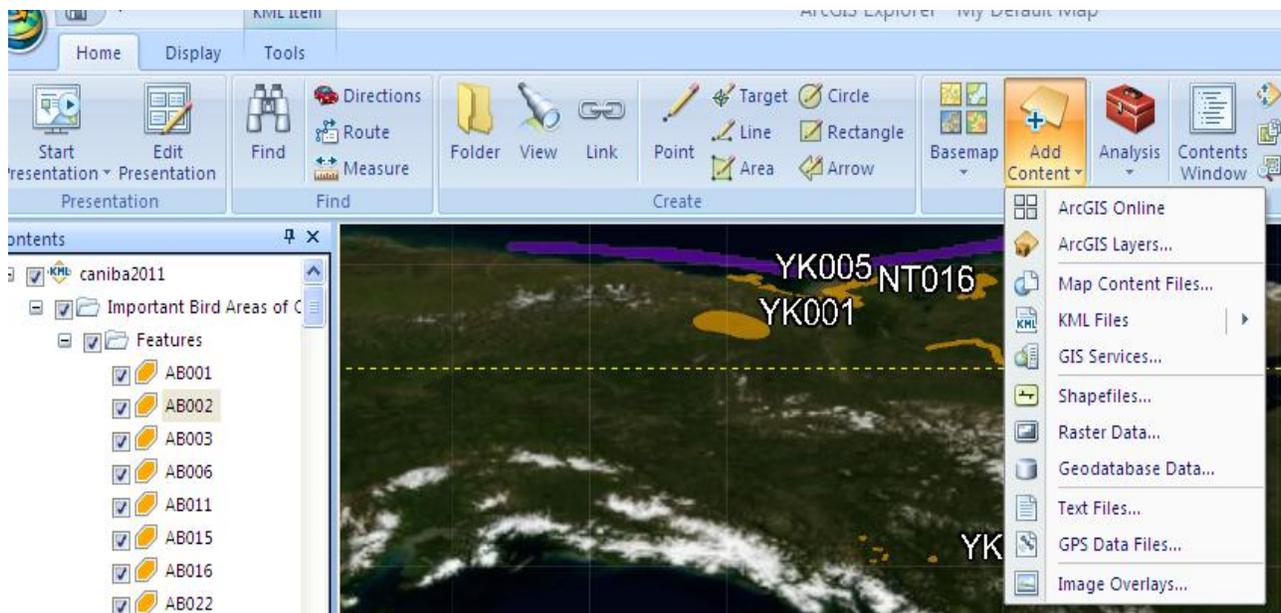


ArcGIS Explorer – Creating maps, digitizing boundaries, presentations

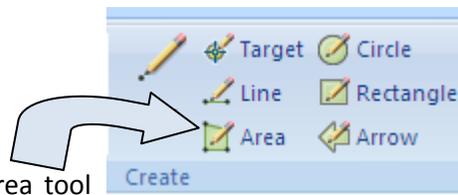
1. Create a base map: base aerial, road, topographic etc. layers can be accessed from the Home tab. For help, press F1.



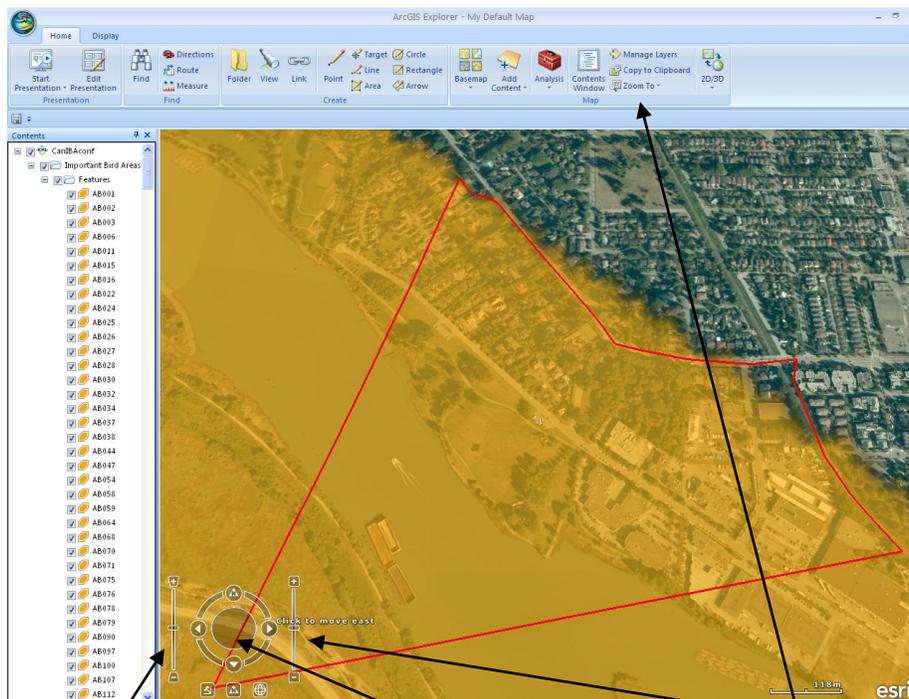
2. Create a unique base map: you may wish to add other topographic, IBA, or survey layers/information etc. To add layers, click 'add content'. The KMZ of IBAs can be downloaded from the IBA website by clicking here http://www.ibacanada.ca:8086/explore_how.jsp?lang=en. Text and shape files/layers can be added too.



3. Navigating: Zoom in and out using the scroll wheel of your mouse, or the custom zoom slider shown below; located in the bottom left map corner. The Home tab ribbon includes a “zoom to” option also (see 4 below).



4. Digitizing a boundary: In the Home tab click the area tool to draw a new polygon. Position the cross where you want to start drawing and click. Keep clicking to create a unique shape and double click to close the polygon. A pop up window can be used to store details about the polygon/IBA. You can zoom in/out and move to other extents without interrupting the digitizing process; see Tips below.

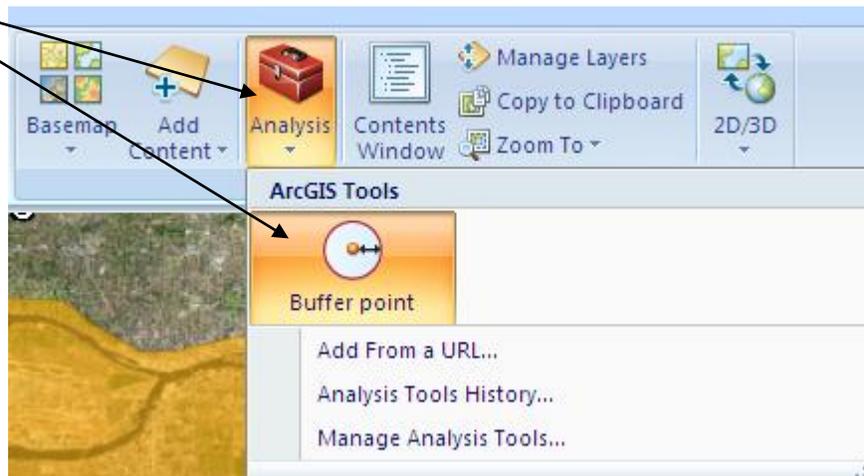


Tilt up /down

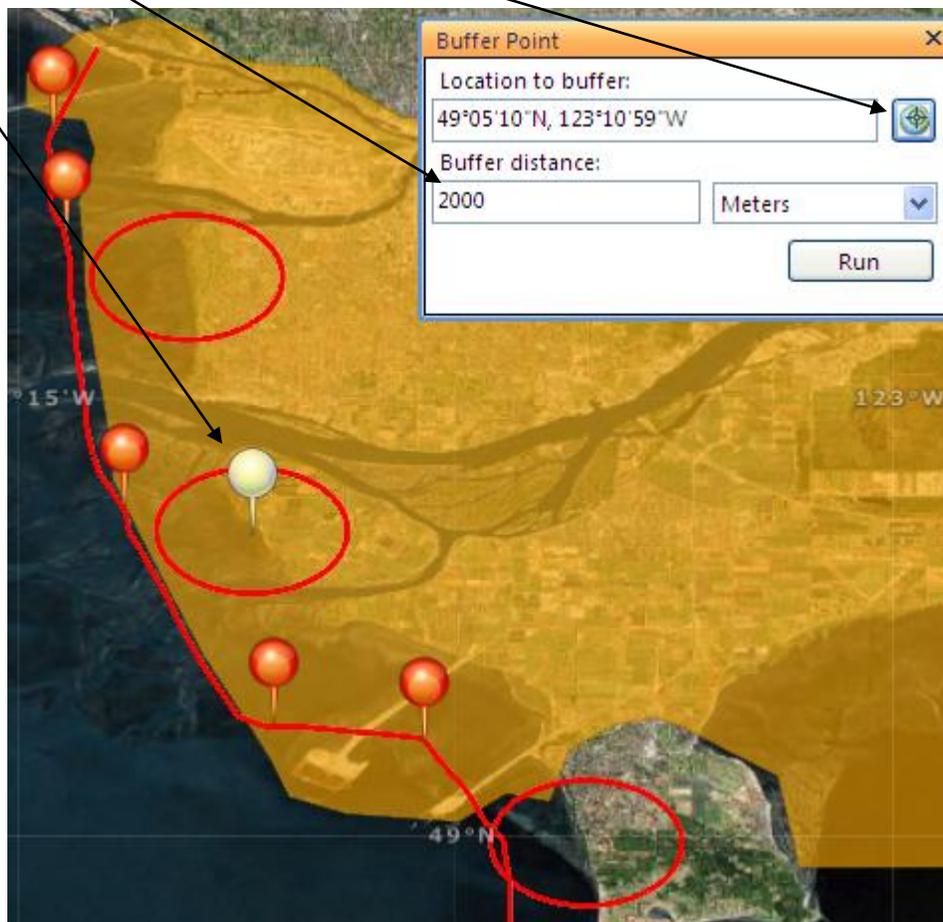
Navigate east/west/north/south

Zoom in /out

- The 'buffer' tool can also be used to create a standardized boundary.

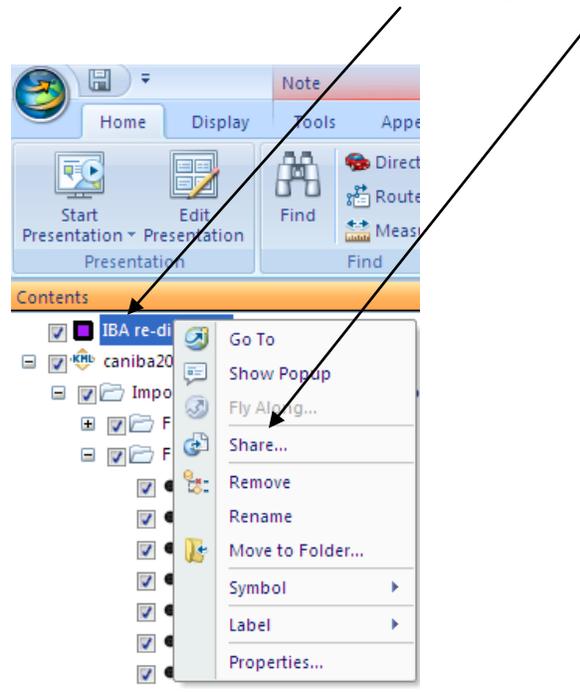


Enter the buffer distance, click this button, and then click on the map to mark the centre point; the white balloon defines the radial start point.



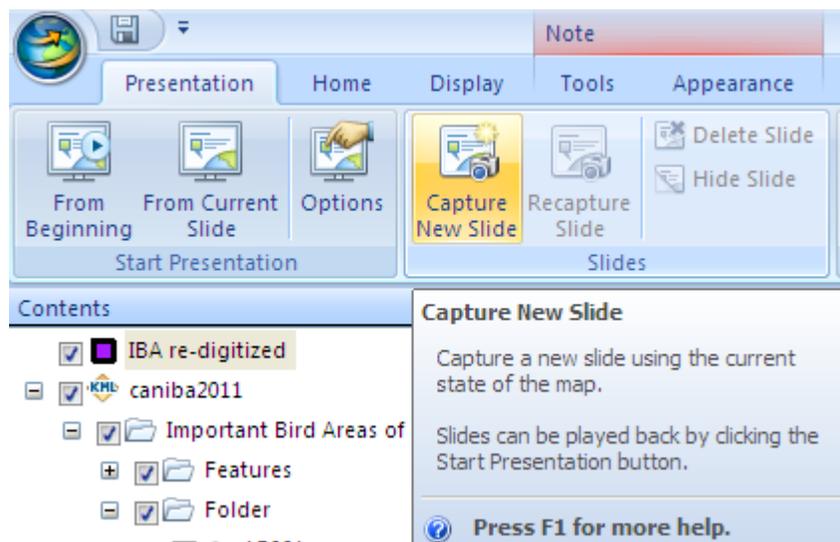
5. Editing polygons: A new tab titled Appearance allows you to colour polygons, add transparency, and edit pop-up notes.

6. Exporting polygons: In the table of contents, left click to select the layer and right click to 'share'. Save as KMZ or map content.



7. Converting KMZ files to shapefile/making polygons from points: For the computer savvy, click here <http://www.xtoolspro.com/tools.asp#a5> to create polygons from points. Otherwise, for conversion from KMZ to shape, please contact BSC's Sandra Marquez (smarquez@bsc-eoc.org) or Janet Moore (jmoore@bsc-eoc.org).

8. Presentations: It is easy to capture slides showing IBAs and survey routes etc. over satellite images. Open the Presentations tab and press F1 for more help.



9. Getting Help: ArcGIS Explorer features an extensive online help system. To access it, pull down the Help menu from the menu bar and choose Help Contents, Search Help, or ESRI Web Resources. This manual <http://www.ctre.iastate.edu/research/gis-alas/papers/Arcexplor.pdf> may be helpful and a discussion forum can be accessed from the ArcExplorer home page (<http://www.esri.com/arcexplorer>).

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