

# Contents

<b>1 Introduction</b>	<b>1</b>
Rich suite of graphical editing tools	2
Universal data editor	3
Editing in data view and layout view	4
Context menus and shortcut keys for increased productivity	5
Multiuser editing with version management and conflict detection	6
Editing in projected space	7
Tips on learning how to edit in ArcMap	8
<b>2 Quick-start tutorial</b>	<b>11</b>
Exercise 1: Creating polygon features	12
Exercise 2: Creating line features	17
Exercise 3: Using a digitizing tablet	22
Exercise 4: Editing features	27
Exercise 5: Editing topological features	35
Exercise 6: Working with CAD drawings	42
<b>3 Editing basics</b>	<b>49</b>
An overview of the editing process	50
The Editor toolbar	52
Exploring the Editor toolbar	53
Adding the Editor toolbar	59
Adding the data you want to edit	60
Starting and stopping an edit session	61
Selecting features	64
Moving features	68
Deleting features	72
Copying and pasting features	73
Setting the number of decimal places used for reporting measurements	74

## **4 Creating new features 75**

- How to create a new feature 76
- Creating point features and vertices 80
- Creating lines and polygons 88
- Creating segments using angles and lengths 94
- Creating segments using angles from existing segments 98
- Creating segments that are parametric curves 102
- Creating segments by tracing features 105
- The Snapping Environment window 106
- Types of snapping properties 107
- Using the snapping environment 108

## **5 Using a digitizer 111**

- Setting up your digitizing tablet and preparing your paper map 112
- Registering your paper map 113
- Creating features using a digitizer 117
- Digitizing features in point mode 118
- Digitizing features in stream mode 120

## **6 Creating features from other features 123**

- Copying a line at a specific interval 124
- Creating a buffer around a feature 126
- Creating a mirror image of a feature 128
- Merging features from the same layer into one feature 130
- Combining features from different layers into one feature 132
- Creating a feature from features with common areas 134

## **7 Editing existing features 137**

- Splitting a line or polygon 138
- Trimming a line 142
- Extending a line 145
- Flipping a line 147

Placing points along a line	148
Reshaping a line or polygon	150
Adding and deleting sketch vertices	152
Moving a vertex in a sketch	154
Changing the properties of a sketch	159
Scaling features	163
Clipping features	165
Stretching geometry proportionately	166
Stretching a feature's geometry proportionately	167

## **8 Editing topological features 169**

Integrating topological data	170
Integrating data	171
Moving a shared vertex or boundary	173
Reshaping a shared boundary	175
Modifying a shared boundary	177
Creating a new polygon with shared parts	179

## **9 Editing attributes 181**

Viewing attributes	182
Adding and modifying attributes	184
Copying and pasting attributes	186

## **Appendix A: Editing coverages in ArcMap 189**

## **Glossary 209**

## **Index 223**