



CONTENTS

List of sidebars	ix
Acknowledgments	xi
Introduction	xiii
About this book	xv
1 Exploring ArcGIS Experience Builder basics	1
Introduction	1
Tutorial 1-1: Build your first app, from template to launch	2
Tutorial 1-2: Create a multipage app with widgets and data from the ground up	16
Take the next step	22
Summary	23
2 Planning and building a great experience	25
Introduction	25
Tutorial 2-1: Plan your app and prepare the data	26
Tutorial 2-2: Build a well-structured page using layout containers and design best practices	31
Take the next step	42
Summary	43
3 Making an app with a map	45
Introduction	45
Tutorial 3-1: Create an app from a web map	46
Take the next step	56
Summary	57
4 Building page navigation within your app	58
Introduction	58
Tutorial 4-1: Add a menu	60
Tutorial 4-2: Make a custom menu	63
Take the next step	68
Summary	68
5 Using selections to manage and edit data	70
Introduction	70
Tutorial 5-1: View and edit a selected feature	71
Tutorial 5-2: View selected features in a table and share data	81

	Tutorial 5-3: Select features based on their attributes	89
	Take the next step	92
	Summary	92
6	Building a finder app with a well-designed list view and details view	94
	Introduction	94
	Tutorial 6-1: Use best practices to build a card-style list	95
	Tutorial 6-2: Navigate between a list and feature details	104
	Take the next step	109
	Summary	109
7	Filtering data using attribute and spatial filters	110
	Introduction	110
	Tutorial 7-1: Apply attribute and spatial filters	111
	Tutorial 7-2: Apply a filter across multiple layers	124
	Take the next step	127
	Summary	128
8	Changing the theme of your app	129
	Introduction	129
	Tutorial 8-1: Best practices for creating light and dark themes	130
	Tutorial 8-2: Configure and use your organization's shared theme	136
	Take the next step	137
	Summary	139
9	Adding a landing page with search capability and a featured items list	140
	Introduction	140
	Tutorial 9-1: Build a hero section using the Seeker template	141
	Tutorial 9-2: Add a featured items List view	147
	Take the next step	151
	Summary	152
10	Making your app mobile-ready	153
	Introduction	153
	Tutorial 10-1: Use auto layout to prepare a full-screen app for mobile devices	156
	Tutorial 10-2: Optimize an app for mobile content using a custom layout	161
	Take the next step	166
	Summary	167

11	Exploring 3D data	168
	Introduction	168
	Tutorial 11-1: Add 3D data to an app	169
	Tutorial 11-2: Make a synchronized locator map	172
	Take the next step	176
	Summary	176
12	Building a dashboard app	178
	Introduction	178
	Tutorial 12-1: Style useful KPIs	181
	Tutorial 12-2: Add a chart	190
	Take the next step	192
	Summary	193
13	Building a website	194
	Introduction	194
	Tutorial 13-1: Use screen group templates to create an experience	195
	Tutorial 13-2: Add a sticky top navigation menu and button to the scrolling page	201
	Take the next step	206
	Summary	207
14	Tracking audience analytics	208
	Introduction	208
	Tutorial 14-1: Connect an app to Google Analytics	209
	Take the next step	217
	Summary	217
15	Embedding apps	219
	Introduction	219
	Tutorial 15-1: Embed an experience in an external website	220
	Take the next step	232
	Summary	232
16	Creating an app to support incident preparedness	234
	Introduction	234
	Tutorial 16-1: Create an app to evaluate how flood events impact communities	235
	Take the next step	261
	Summary	261

17	Creating an app to keep the public informed	263
	Introduction	263
	Tutorial 17-1: Create an app to inform the public about emergency service facilities nearby	264
	Take the next step	273
	Summary	273
18	Building a data explorer app	275
	Introduction	275
	Tutorial 18-1: Organize and present data variables using a template	277
	Tutorial 18-2: Create a data catalog and use URL parameters to link to pages	282
	Take the next step	288
	Summary	288
19	Printing your map	290
	Introduction	290
	Tutorial 19-1: Print a map	291
	Take the next step	303
	Summary	304
20	Creating an editing experience to collect asset and inspection data	306
	Introduction	306
	Tutorial 20-1: Configure forms and build an app to edit features and related records	308
	Take the next step	321
	Summary	322