

Foreword xiii
Preface xix



#### PRISCILLA MBAMA ABASI 3

Making maps and flying drones to save lives



#### ARIANNA ARMELLI 8

Taking a business risk to help others avoid risk



#### MARYGRACE BALINOS 16

From imagined cities to real solutions



#### FIONA BECKER 22

Blending the beauty of science and art



# MAGGIE CAWLEY 33

Traveling the open road for open data



# HANAN DARWISHE 43

Reaching for the stars with her feet on the ground



#### ELENA FIELD 48

Charting the unknown in the Antarctic



#### GABIFLEURY 54

Forging a path to coexistence with wildlife



### AFRICA FLORES-ANDERSON 60

Fighting for a sustainable world, from Guatemala to the Himalayas



# MIRIAM GONZÁLEZ 65

Democratizing access to geospatial data



#### HEALY HAMILTON 71

Answering life's call to help save the diversity of life



#### KATHARINE HAYHOE 78

Spreading the word on climate change—and action



# JACQUE LARRAINZAR 85

Mapping a city's path to racial equity



#### ANNITA LUCCHESI 90

Carving out space for Indigenous mapping



# SAVANNA NAGORSKI & MELISSA K. SCHUTTEN 9

Supporting urban development and tribal communities



# TRISALYN NELSON 109

Turning geography into practical solutions



#### LINDA OCHWADA 114

Leading the way on geospatial AI and innovation in Africa



#### ZARITH PINEDA 120

Generating empathy through equitable design



# MAYA QUIÑONES 126

Bringing forestry data to life in the Caribbean



#### ALICE RATHJEN 133

Going on a spiritual journey to map genomes



#### MARIA-ALICIA SERRANO 139

Bridging communities using insights from GIS



#### ALINA SHEMETOVA 145

Energizing GIS from a legacy of science



### ARIELLE SIMMONS-STEFFEN 153

Protecting watersheds for generations to come



#### LAUREN SINCLAIR 162

Empowering kids using GIS



#### REGAN SMYTH 170

Seeing the big picture and keeping it real



#### PATRICIA SOLIS 179

Serving as an ambassador for people, places, and peace



### NAVYA TRIPATHI 189

Pioneering the future of GIS



#### KAI PANA VISWANATH 194

Pinning her business on the safety of cities



Pinning her business on the safety of cities

JULIA WAGEMANN 199

Expanding the network of female leaders in GIS

FAUSTINE WILLIAMS 205



#### FAUSTINE WILLIAMS 205

Improving health outcomes for underserved populations

About the Fsri Press team 211

# **KEY**

The individuals profiled in this book work in a variety of fields. Use this key and the sunburst icon beside each name to learn about that person's top three fields.

Science and Research

Business and Entrepreneurship

Social Justice

Secondary field Primary field Tertiary field

Education and the Arts

Conservation and the Environment

Humanitarianism

On the next page, view this dataset sorted by primary field.