



QGIS 2 Cookbook

Alex Mandel, Victor Olaya Ferrero, Anita Graser, Alexander Bruy

Download now

[Click here](#) if your download doesn't start automatically

QGIS 2 Cookbook

Alex Mandel, Victor Olaya Ferrero, Anita Graser, Alexander Bruy

QGIS 2 Cookbook Alex Mandel, Victor Olaya Ferrero, Anita Graser, Alexander Bruy

Key Features

- Explore and create time-based visualizations and build interactive maps
- Maximize your use of the QGIS features, plugins and toolbox automation
- Packed with lots of sample datasets to enable a better understanding of the code

Book Description

QGIS is a user-friendly, cross-platform desktop geographic information system used to make maps and analyze spatial data. QGIS allows users to understand, question, interpret, and visualize spatial data in many ways that reveal relationships, patterns, and trends in the form of maps. This book is a collection of simple to advanced techniques that are needed in everyday geospatial work, and shows how to accomplish them with QGIS. You will begin by understanding the different types of data management techniques, as well as how data exploration works. You will then learn how to perform classic vector and raster analysis with QGIS, apart from creating time-based visualizations. Finally, you will learn how to create interactive and visually appealing maps with custom cartography. By the end of this book, you will have all the necessary knowledge to handle spatial data management, exploration, and visualization tasks in QGIS.

What you will learn

- Import and export common tricky spatial data formats
- Perform classic vector and raster analysis with QGIS
- Utilize spatial databases and data management tools
- Use and create geographic web services and maps
- Explore and create time-based visualizations
- Perform network building and routing analysis
- Extend QGIS capabilities with popular plugins and toolbox automation
- Make beautiful and unique maps with customized cartography

About the Author

Alex Mandel is a geospatial scientist who has a PhD in geography and more than 12 years of experience in applying GIS to a variety of projects. He has also taught courses on GIS, geospatial programming, and Geoweb.

Victor Olaya Ferrero is a GIS developer. He is the creator and main developer of the QGIS Processing Framework. He is also the author of *Sistemas de Informacion Geografica*, a free book about the fundamentals of GIS.

Anita Graser studied geomatics at the University of Applied Sciences Wiener Neustadt, Austria, from where she graduated with a master's degree in 2010. During her study, she gained hands-on experience in the fields of geo-marketing and transportation research. Since 2007, she has been working as a geographic information system (GIS) expert with the dynamic transportation systems group at the Austrian Institute of Technology (AIT), where she focuses on analyzing and visualizing spatio-temporal data.

Anita serves on the OSGeo board of directors and the QGIS project steering committee. She has been working with GIS since 2005, provides QGIS training courses, and writes a popular blog on open source GIS at anitagraser.com.

Alexander Bruy is a GFOSS advocate and open source developer working on the QGIS project. He has also maintained a collection of his own open source projects. He has been working with QGIS since 2006, and now he is an OSGeo charter member and QGIS core developer. He is also the author of QGIS By Example, Packt Publishing.

Alexander is currently a freelance GIS developer and works for various companies worldwide.

Table of Contents

1. Data Input and Output
2. Data Management
3. Common Data Preprocessing Steps
4. Data Exploration
5. Classic Vector Analysis
6. Network Analysis
7. Raster Analysis I
8. Raster Analysis II
9. QGIS and the Web
10. Cartography Tips
11. Extending QGIS
12. Up and Coming

 [Download QGIS 2 Cookbook ...pdf](#)

 [Read Online QGIS 2 Cookbook ...pdf](#)

Download and Read Free Online QGIS 2 Cookbook Alex Mandel, Victor Olaya Ferrero, Anita Graser, Alexander Bruy

From reader reviews:

Thomas Llanos:

The book QGIS 2 Cookbook make one feel enjoy for your spare time. You may use to make your capable considerably more increase. Book can to become your best friend when you getting strain or having big problem together with your subject. If you can make examining a book QGIS 2 Cookbook to get your habit, you can get far more advantages, like add your own personal capable, increase your knowledge about a number of or all subjects. You can know everything if you like wide open and read a publication QGIS 2 Cookbook. Kinds of book are a lot of. It means that, science reserve or encyclopedia or other people. So , how do you think about this book?

Rita Campanelli:

Now a day folks who Living in the era everywhere everything reachable by connect to the internet and the resources inside can be true or not need people to be aware of each data they get. How many people to be smart in obtaining any information nowadays? Of course the answer then is reading a book. Studying a book can help individuals out of this uncertainty Information mainly this QGIS 2 Cookbook book because this book offers you rich information and knowledge. Of course the details in this book hundred percent guarantees there is no doubt in it as you know.

Ricardo Donaldson:

Is it you who having spare time then spend it whole day by means of watching television programs or just resting on the bed? Do you need something totally new? This QGIS 2 Cookbook can be the respond to, oh how comes? The new book you know. You are therefore out of date, spending your extra time by reading in this brand-new era is common not a geek activity. So what these textbooks have than the others?

Paula Lauria:

Guide is one of source of knowledge. We can add our expertise from it. Not only for students but in addition native or citizen will need book to know the update information of year to help year. As we know those publications have many advantages. Beside most of us add our knowledge, can bring us to around the world. By the book QGIS 2 Cookbook we can consider more advantage. Don't one to be creative people? To be creative person must want to read a book. Just simply choose the best book that ideal with your aim. Don't become doubt to change your life with that book QGIS 2 Cookbook. You can more appealing than now.

Download and Read Online QGIS 2 Cookbook Alex Mandel, Victor Olaya Ferrero, Anita Graser, Alexander Bruy #NZVX3GJWU7Y

Read QGIS 2 Cookbook by Alex Mandel, Victor Olaya Ferrero, Anita Graser, Alexander Bruy for online ebook

QGIS 2 Cookbook by Alex Mandel, Victor Olaya Ferrero, Anita Graser, Alexander Bruy Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read QGIS 2 Cookbook by Alex Mandel, Victor Olaya Ferrero, Anita Graser, Alexander Bruy books to read online.

Online QGIS 2 Cookbook by Alex Mandel, Victor Olaya Ferrero, Anita Graser, Alexander Bruy ebook PDF download

QGIS 2 Cookbook by Alex Mandel, Victor Olaya Ferrero, Anita Graser, Alexander Bruy Doc

QGIS 2 Cookbook by Alex Mandel, Victor Olaya Ferrero, Anita Graser, Alexander Bruy Mobipocket

QGIS 2 Cookbook by Alex Mandel, Victor Olaya Ferrero, Anita Graser, Alexander Bruy EPub