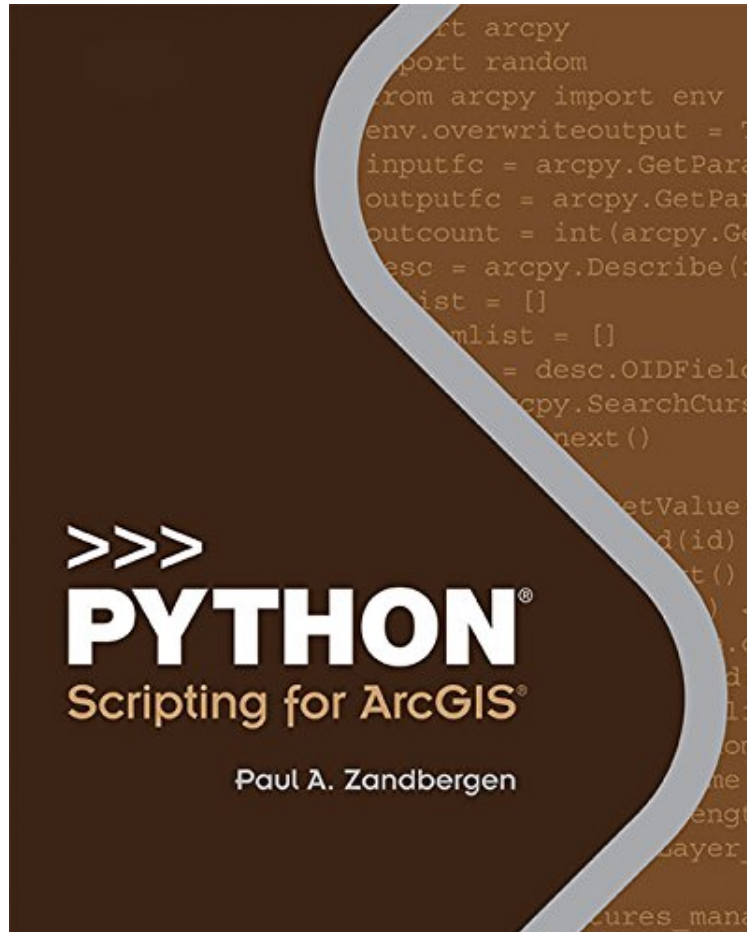


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# Python Scripting for ArcGIS

Von Paul A. Zandbergen

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**Von Paul A. Zandbergen : Python Scripting for ArcGIS** before purchasing it in order to gage whether or not it would be worth my time, and all praised Python Scripting for ArcGIS:

KundenrezensionenHilfreichste Kundenrezensionen0 von 0 Kunden fanden die folgende Rezension hilfreich. thorough introductionVon Paul LaumansThis is a very fine and thorough book. I recommend it wholeheartedly.Moving from ArcGIS version 9.3 to version 10.1 I looked for help with the newly introduced ArcPy site package and the greatly expanded support for Python in ArcGIS. This is just what I needed to get me up and running.With its manageable size of 353 pages (there is also an exercise DVD included) the book follows a clear path. Some earlier background in Python scripting is helpful, but not necessary. Python scripting is first introduced in the broader context of the ArcGIS geoprocessing framework, covering topics such as Model Builder, ArcObjects and the new Python window. Then ArcPy is explained further, the use of cursors to access data, working with raster images and interacting with map documents. How to make script tools, and use its parameters. Important and often overlooked subjects such as error handling, classes, environment settings and tools messages are all tackled. Many additional items of interest pass by,

such as NumPy. At some points following along - having meanwhile become more familiar - I would have liked further expansion, for example on handling transactions and the Editor with `arcpy.da`. Or on the subject of geodatabase versioning. Or on the newly introduced concepts of Python Add-ins and Python toolboxes. But then again, this confirms that the book's goal had been achieved.

**Kurzbeschreibung** Python Scripting for ArcGIS is a guide for experienced users of ArcGIS Desktop to get started with Python scripting without needing previous programming experience. Experience with other scripting or programming languages (Perl, VBA, VB script, Java, C++) is helpful but not required. Readers are expected to have good general ArcGIS skills and a basic understanding of geoprocessing procedures. There are 14 chapters with corresponding online data and exercises.

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ber den Autor und weitere Mitwirkende Paul A. Zandbergen is an associate professor of geography at the University of New Mexico in Albuquerque. His areas of expertise include geographic information science; spatial and statistical analysis techniques using GIS; error and uncertainty in spatial data; GIS applications in criminology, economics, health, and spatial ecology; terrain analysis and modeling; and communitybased mapping using GIS and GPS.