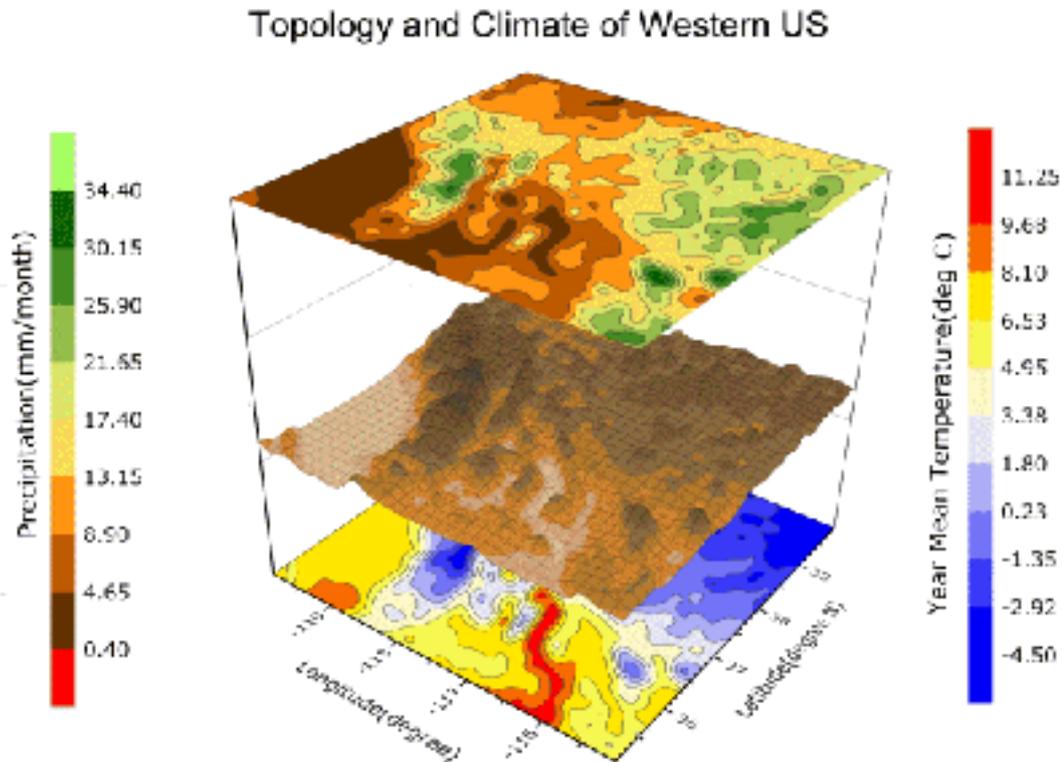


## Software includes enhanced 3D graphing using OpenGL



[OriginLab](#) [1]

announced the release of Origin and OriginPro version 9. The new version provides a set of features and enhancements that were developed based on customer feedback and industry demand. [Origin](#) [2] and [OriginPro](#) [3] are used by more than 150,000 customers worldwide, spanning Fortune 500 companies, research institutions, and colleges and universities across various disciplines including physics, chemistry, biology, pharmacology, engineering, and manufacturing.

The most significant feature in [Origin 9](#) [4] is enhanced 3D graphing using OpenGL, the industry standard for high-performance graphics. This significantly boosts performance for plotting and editing 3D graphs created from large datasets. Users can now rotate, pan, and zoom within 3D graphs to examine details much more efficiently than in previous versions. Improvements in 3D graphing also include 3D parametric function plots, the ability to plot multiple stacked surfaces in a single graph layer, and enhanced support for error bars and labels.

Another key feature in Origin 9 is the ability to reduce data in worksheets by applying filters to one or more columns. This enables users to quickly reduce large datasets and have all associated graphs and analysis results automatically update when filter conditions are modified. Additional new functionality includes video creation from graphs, an improved vertical cursor gadget that operates across multiple graphs, and the ability to place graphs as floating objects on worksheets for easy report creation. OriginPro contains all of the Origin 9 features, as well as new tools for implicit function fitting and IIR filter design.

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“We continue to seek and receive valuable feedback from our customers, and that insight helps shape our products,” said Dr. C.P. Yang, OriginLab’s founder and CEO. “As a company, we strive to meet our users’ demands for powerful yet easy-to-use tools for data analysis and publication-quality graphing. New features in this version such as improved 3D graphing, data filtering and movie creation are designed to help customers across multiple industries take their data analysis and graphing to the next level.”

Significant enhancements available in Origin 9 span all major areas of the software. New features and improvements include:

- High-performance 3D graphing using OpenGL
- 3D parametric function plots
- Movie creation
- Data filter
- Floating graphs in worksheets
- Global vertical cursor
- Implicit function fitting (OriginPro)
- IIR filter design (OriginPro)
  
- 3D surface plots from XYZ data
- 3D bar plots with Z error and 3D scatter plots with XYZ errors
- Improved scatter matrix plot
- Improved data info dialog
- Context menu to easily swap data from graphs

To learn more about the benefits of the latest features, please visit [www.OriginLab.com/Origin9](http://www.OriginLab.com/Origin9) [5]

Origin is available in various forms ranging from a single user package to an institution- or company-wide site license. In multiple-copy licenses, Origin includes concurrent license management, allowing you to install the software on as many computers as you need. Origin can also be applied as an OEM (original equipment

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manufacturer) solution for instrument manufacturers.

### System requirements

Microsoft Windows XP, Windows Vista, Windows 7, or Windows 8; 1.5 GHz or higher Pentium-compatible processor; 1 GB of RAM; a DVD drive (if installing from DVD); and 2 GB of free hard disk space. Mac users can run on a virtual machine meeting these same requirements.

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### Links:

[1] <http://www.originlab.com>

[2] <http://www.originlab.com/index.aspx?go=Products/Origin>

[3] <http://www.originlab.com/index.aspx?go=Products/OriginPro>

[4] <http://www.originlab.com/index.aspx?go=Products/Origin&PID=1962>

[5] <http://www.OriginLab.com/Origin9>