



The VieVS-Wiki provides an open web platform for VieVS related topics and the full VieVS documentation is maintained there. It is accessible at <http://viewswiki.geo.tuwien.ac.at/> since July 2014.

- *Open Wiki platform* – users create/edit the content themselves
- Maintain an *online VieVS documentation*
  - More flexible than a static paper based form
  - Accessible from everywhere at anytime

#### Technical background:

- Build on the *DokuWiki*, a simple to use and highly versatile Open Source wiki software (<https://www.dokuwiki.org/>).
  - Built-in page editor for an easy handling.
  - Support Access Control Lists (ACL) to restrict page access/edditing.
  - Large variety of extensions/templates provide additional functionalities.
- Runs on Linux server at the TUW GEO department.

#### Access policy:

- Open access to the *public part* for everyone without registration.
  - Page editing requires login and is restricted to registered user.
- Access to *the internal part* only for the VieVS members group.

#### VieVS-Wiki navigation:

The screenshot shows the VieVS-Wiki homepage with several key components highlighted:

- Page trace:** A breadcrumb trail at the top left showing the path: Trace: - ebook - start - data.
- User management:** A top navigation bar containing user information (Logged in as: A. Heller (test\_user)), profile management (Update Profile, Logout), and search.
- Default links:** A set of utility links including Recent changes, Media Manager, Sitemap, and Default links.
- Navigation sidebar:** A left-hand menu with categories like VieVS Manual, VLBI Fundamentals, Matlab crash course, Get VieVS!, VieVS user workshops, Publications, Products and results, VieVS-Wiki how-to, Internal area, and Contact.
- Page content:** The main article titled "Data" with sub-sections for "Data", "Time-dependent correction and coefficients of periodic time dependencies", "Corrections without periodic time dependencies", "Similar folders can still be found for corrections that are now saved in the superstation file", and "For detailed information on the data being used in VLBI analysis we refer to the following subsections:". It also includes a section for "NGS files".
- Table of Contents:** A right-hand sidebar listing the page's structure, including sections like NGS files, Atmosphere, Tidal atmosphere, Non-tidal loading, Hydrology, Ocean tide, External ionospheric files, Ephemerides, and Terrestrial reference frames.
- Page options:** A dropdown menu for the current page (public/view\_manual\_data) offering actions such as Edit this page, Old revisions, Backlinks, Manage Subscriptions, Add to book, Export to PDF, and Back to top.
- Page content table:** A label pointing to the Table of Contents sidebar.

**Current Wiki content:**

- VieVS Manual:
  - The complete VieVS 2.2 *User Guide*.
  - *Exercises*, providing step-by-step descriptions for different tasks.
  - *Data* being used at VieVS.
  - *Problems* chapter, describing known error sources.
- *VLBI Fundamentals*, providing the theoretical background to the VLBI technique.
- Further information...
  - *Matlab Crash Course* giving a brief Matlab introduction.
  - *How to Create a Wiki page* – useful instructions, guidelines and web links.
  - *VieVS Workshop pages*
  - *VieVS products and results*
- *Internal VieVS Members area*
- ...etc.

➔ *Please feel free to register on the VieVS-Wiki and to make your own contributions by creating new pages/adding further program details and instructions/reporting errors/etc.!*

**Wiki syntax:**

- Basically a *simple markup language* is used to format the page content and to create internal links to other VieVS wiki pages or external links to arbitrary web addresses (URL).
- The built-in *edit window* provides a toolbar that helps users formatting their texts without remembering the exact syntax:



- Using the *media manager* all uploaded images and other media files can be maintained.
- To enter *mathematical expressions* the well documented LaTeX syntax is used.
- *Namespaces* – similar to directories or folders – can be used to categorize your pages and to create a data structure within the wiki.
- Useful links:
  - VieVS-Wiki how-to: [http://viewswiki.geo.tuwien.ac.at/doku.php?id=wiki\\_manual:create\\_a\\_wiki\\_page](http://viewswiki.geo.tuwien.ac.at/doku.php?id=wiki_manual:create_a_wiki_page)
  - DokuWiki syntax: <https://www.dokuwiki.org/wiki:syntax>

**Some Wiki features:**

- *Subscribe to a Wiki page* and get a notification mail, whenever the page is changed
- Export a single Wiki page to a PDF file
  - Add multiple pages to a book and export it as PDF or printable html version