



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/editing.
  - 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 displays the VieVS-Wiki interface with several key components highlighted by red boxes and labels:

- Page trace:** Located at the top left, showing the breadcrumb "Trace: - ebook - start - data".
- User management:** At the top right, indicating the user is logged in as "A. Heller (test\_user)" with options for "Update Profile" and "Logout".
- Navigation sidebar:** On the left, containing a tree structure of site sections 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 area showing the "Data" page, which discusses VLBI analysis details, time-dependent corrections, and NGS files.
- Table of Contents:** On the right, listing various data categories such as "Data", "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 "Data" page, offering actions like "Edit this page", "Old revisions", "Backlinks", "Manage Subscriptions", "Add to book", "Export to PDF", and "Back to top".
- Internal pagename:** A small box showing the internal name "publicviews\_manual\_data".
- Page content table:** A label at the bottom right pointing to the Table of Contents.

**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