


e-PSMG USER MANUAL (CONTENT PROVIDER)

page discussion edit history Log in / create account



navigation

- Main Page
- Community portal
- Current events
- Recent changes
- Random page
- Help

search

Go Search

toolbox

- What links here
- Related changes
- Special pages
- Printable version
- Permanent link

Main Page

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- 1 ONLINE PRACTICAL SITE MANAGEMENT GUIDE (e-PSMG)
- 2 Introduction
- 3 Key Stakeholders
- 4 Mission
- 5 Expected Benefits
- 6 e-PSMG Information Framework


ONLINE PRACTICAL SITE MANAGEMENT GUIDE (e-PSMG) [edit]

Introduction [edit]


E-PSMG is aimed at improving the quality of supervision in Numerous quality-related problems and issues that surfaced in the delivery of our construction products had been brought to the attention of the management.

Objectives


- To reduce knowledge gaps through learning from each other by the use of tools that capture, gather, store, analyse and share critical information and knowledge.
- To promote knowledge sharing culture and behaviour in JKR.
- To improve accessibility of valuable information and knowledge.
- To encourage employees to participate in collective learning




[View Building Work WBS](#)



[View Road Work WBS](#)



[View Bridge Work WBS](#)



[View Environment, Safety and Health WBS](#)

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1. e-PSMG Wiki User Manual

e-PSMG is JKR new efforts and an initial stage towards the development of JKR Enterprise Content and Knowledge Management (ECKM). e-PSMG stands for Online Practical Site Management Guide which aims to equip site supervisory team with knowledge and tools to deliver quality construction products by Providing basic construction knowledge and tools that are accessible online 24x7, comprising but not limited to Specifications and Standards, Manuals and guidelines, Lessons Learned (Dos and Don'ts) and Best Practice. e-PSMG Wiki is developed using a web-based software application, called MediaWiki.

MediaWiki is a web-based wiki software application used by all projects of the Wikimedia Foundation. It is a free software wiki package written in PHP, originally for use on Wikipedia. Originally developed to serve the needs of the free content Wikipedia encyclopedia. It is now used by several other projects of the non-profit Wikimedia Foundation and by many other wikis and today it has also been deployed by companies for internal knowledge management, and as a content management system.

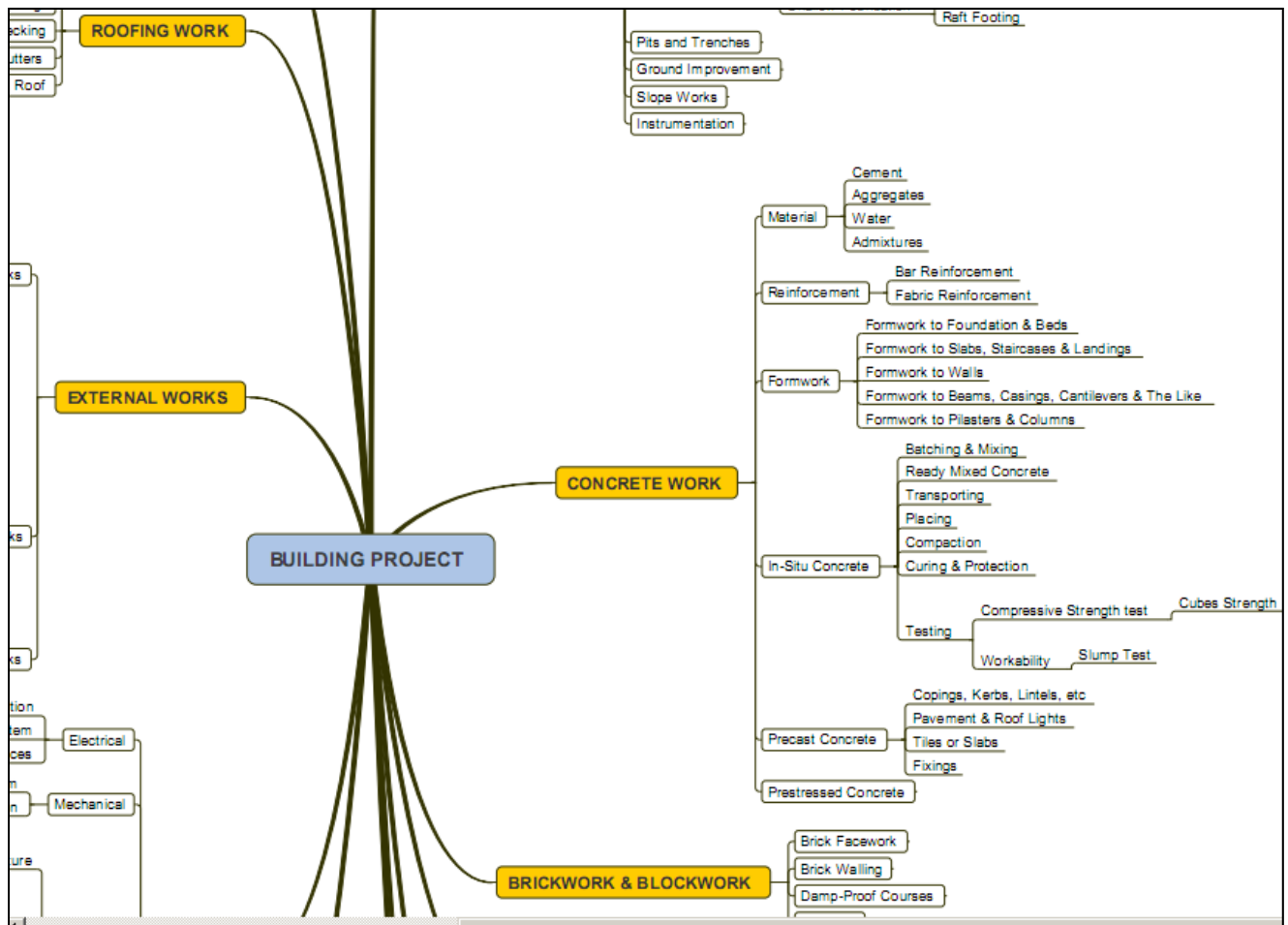
MediaWiki is free server-based software which is licensed under the GNU General Public License (GPL). It's designed to be run on a large server farm for a website that gets millions of hits per day. MediaWiki is extremely powerful, scalable software and a feature-rich wiki implementation, that uses PHP to process and display data stored in its MySQL database.

This e-PSMG Wiki User Manual is intended to give a basic picture how users can use this system to organise the contents either by adding new information, editing existing content or even updating the content. This manual will give a step-by step guide to ease the user in order to use the system.

This user manual can be accessed directly from e-PSMG Wiki through HELP link from the Menu.

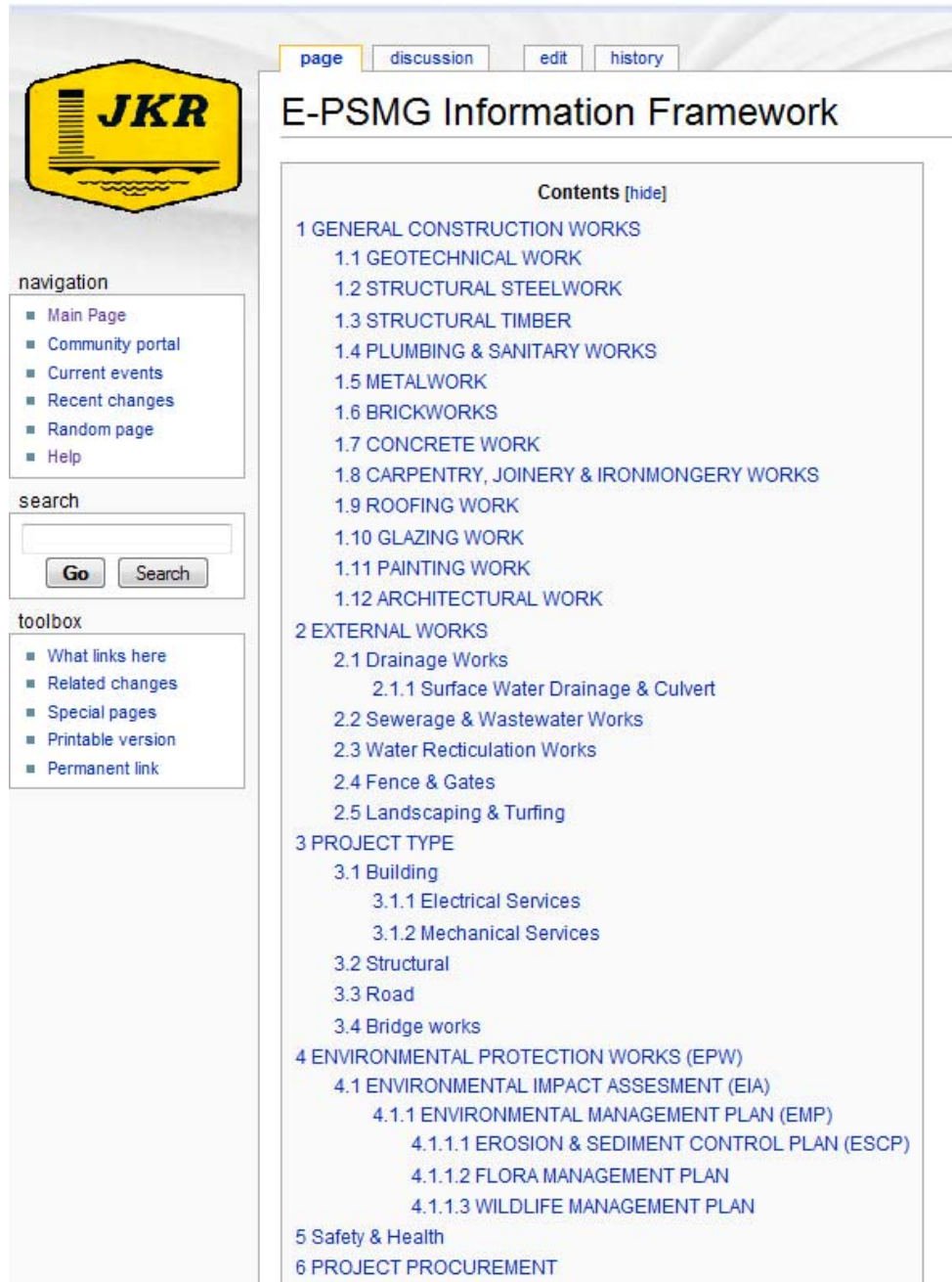
2. e-PSMG Portal- Introduction

e-PSMG Portal has been developed by developing the e-PSMG Information Framework which has been initially built-up from JKR Standard Specifications for Building Works 2005. Some modifications have been made to suite the domain content. This e-PSMG Information Framework has been designed to be flexible enough to handle the domain content whereby the domain experts can easily modify or update new information in the information framework. Some sample portion of e-PSMG Information Framework is illustrated in the diagram below.



2.1 e-PSMG Information Framework in e-PSMG Wiki Portal

e-PSMG Information Framework has been mapped into e-PSMG Wiki Portal. The content has been mapped accordingly, step-by-step based on the information framework into e-PSMG Wiki as Table of Contents. The domain expert **MUST USE** this information framework in order to add the content.



The screenshot shows a Wiki page titled "E-PSMG Information Framework" with a yellow "JKR" logo in the top left. The page includes a navigation sidebar with sections for "navigation", "search", and "toolbox". The main content area contains a "Contents [hide]" section with a hierarchical list of topics:

- 1 GENERAL CONSTRUCTION WORKS
 - 1.1 GEOTECHNICAL WORK
 - 1.2 STRUCTURAL STEELWORK
 - 1.3 STRUCTURAL TIMBER
 - 1.4 PLUMBING & SANITARY WORKS
 - 1.5 METALWORK
 - 1.6 BRICKWORKS
 - 1.7 CONCRETE WORK
 - 1.8 CARPENTRY, JOINERY & IRONMONGERY WORKS
 - 1.9 ROOFING WORK
 - 1.10 GLAZING WORK
 - 1.11 PAINTING WORK
 - 1.12 ARCHITECTURAL WORK
- 2 EXTERNAL WORKS
 - 2.1 Drainage Works
 - 2.1.1 Surface Water Drainage & Culvert
 - 2.2 Sewerage & Wastewater Works
 - 2.3 Water Rectification Works
 - 2.4 Fence & Gates
 - 2.5 Landscaping & Turfing
- 3 PROJECT TYPE
 - 3.1 Building
 - 3.1.1 Electrical Services
 - 3.1.2 Mechanical Services
 - 3.2 Structural
 - 3.3 Road
 - 3.4 Bridge works
- 4 ENVIRONMENTAL PROTECTION WORKS (EPW)
 - 4.1 ENVIRONMENTAL IMPACT ASSESMENT (EIA)
 - 4.1.1 ENVIRONMENTAL MANAGEMENT PLAN (EMP)
 - 4.1.1.1 EROSION & SEDIMENT CONTROL PLAN (ESCP)
 - 4.1.1.2 FLORA MANAGEMENT PLAN
 - 4.1.1.3 WILDLIFE MANAGEMENT PLAN
- 5 Safety & Health
- 6 PROJECT PROCUREMENT

2.2 Content Classification using Work Breakdown Structure (WBS)



Different type of content classification of e-PSMG Information Framework has been developed according to Work Breakdown Structure (WBS) by four categories:-

- ✓ Building Work
- ✓ Road Work
- ✓ Bridge Work
- ✓ Environment, Safety and Health

Each content classification has been developed separately from the Information Framework where it will be linked with e-PSMG Information Framework and WBS Classification.

3 e-PSMG Menu



The front page of e-PSMG Portal contains the Introduction of e-PSMG Wiki Portal. The navigation of the information is simple and straightforward with the help of 4 navigation section:-

- ✓ Main Page – Navigation to the main page of e-PSMG Portal
- ✓ Community portal – Information on PROKOM community
- ✓ Current events – Latest information on e-PSMG Portal
- ✓ Recent changes – Latest Information changes

Recent changes

Track the most recent changes to the wiki on this page.

Recent changes options

Show last [50](#) | [100](#) | [250](#) | [500](#) changes in last [1](#) | [3](#) | [7](#) | [14](#) | [30](#) days

[Hide](#) minor edits | [Show](#) bots | [Hide](#) anonymous users | [Hide](#) logged-in users | [Hide](#) my edits

Show new changes starting from [02:08, 3 September 2009](#)

Namespace: Invert selection

3 September 2009

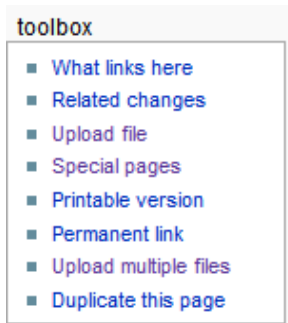
- [\(diff\)](#) [\(hist\)](#) . . [N E-PSMG:Community Portal](#); 02:07 . . (+89) . . [60.51.121.248](#) [\(Talk\)](#)
(Created page with '= Maklumat Urusetia = Sila masukkan maklumat urusetia dan contact bahagian yang terlibat')

2 September 2009

- [\(Deletion log\)](#); 14:46 . . [Haris](#) [\(Talk\)](#) | [contribs](#)) deleted "[ARCHITECTURE](#)" (content was: ""[2.0 ARCHITECTURE](#)"" [*2.1 Roof & Gutter](#) [**2.1.1 Roof](#) [***2.1.1.1 Metal Decking](#) [***2.1.1.2 Roof Tiles](#) [***2.1.1.3 Flat Roof](#) [**2.1.2 Gutter](#) [***2.1.2.1 Concrete Gutter](#) [***2.1.2.2 G.I Gutter](#) **...])

- ✓ Random page
- ✓ Help – e-PSMG Portal User Manual and Help Link

3.1 Toolbox



The toolbox contains a selection of links which change depending on what type of page you are viewing.

- ✓ “What links here” takes you to a special page that lists the pages on this wiki which contain a link to the current page. This is helpful when you are looking for pages of related information.
- ✓ The “related changes” tool lists all recent changes in the pages linked to from the current page.
- ✓ “Upload file” displays a special page that allows logged-in users to upload images and other files to the wiki.

Special pages



- ✓ The “special pages” tool lists the MediaWiki special pages.
- ✓ Printable version
- ✓ Upload multiple files
- ✓ Duplicate this page

3.2 Middle Navigation



The page tabs are displayed at the top of the article to the right of the site logo. These tabs allow you to perform actions or view pages that are related to the current article. The available default actions include: viewing, editing, and discussing the current article. The specific tabs displayed on your pages depend on whether or not you are logged into the wiki and whether you have sysop (administrator) privileges on the wiki. On special pages only the namespace tab is displayed.

3.3 User Link



The user links are displayed at the top far right of the article. These tabs allow the logged-in user to view and edit their user page and wiki preferences. Additionally, the user links allow the user to quickly access their contributions to the wiki and logout.

For anonymous users the user links is replaced by a link to the wiki login page or, if enabled, a link to your IP address and your IP address's talk page.

"<username>" - This links to your user page which is where you can put information about yourself, store bits of information you want to remember or whatever else you fancy.

"my talk" - This links to your discussion page, where people can leave messages for you.

"my preferences" - Allows you to change your personal site preferences.

"my watchlist" - A list of all pages that you are watching. Pages can be added to this list by clicking "watch" at the top of the page.

"my contributions" - A list of all contributions you have made to the wiki.

"log out" - Click this link to log out of the wiki.

3.4 User Log in

The users are encouraged to register in this e-PSMG wiki portal. This will allow e-PSMG system to keep track the changes made in the content. If the user did not have an account, the user can register by clicking the “Log in” menu on the upper right corner, then click “Create an account” as shown below.

Log in

Log in / create account

Log in

Don't have an account? [Create an account.](#)

You must have cookies enabled to log in to E-PSMG.

Username:

Password:

Remember my login on this computer

User Registration

Log in / create account

Create account

Already have an account? [Log in.](#)

Username:

Password:

Retype password:

E-mail:

E-mail address is optional, but allows a new password to be e-mailed to you if you forget your password. You can also choose to let others contact you through your user or talk page without needing to reveal your identity.

Real name:

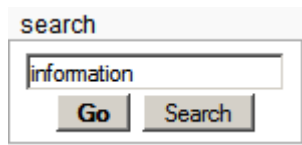
Real name is optional. If you choose to provide it, this will be used for giving you attribution for your work.

Remember my login on this computer

4 Adding the content

Before the users add the content, the users are encouraged to search the related information using the “Search” navigation at the left side of the menu. This will avoid the users to add similar content which has been added by previous users.

Search



search

After the “Search”, the users will be prompted with the “Search Results” whereby the users can either click the existing content of create new page by clicking “create this page”.

Search results

You searched for **information** (all pages starting with "information" | all pages that link to "information")

No page title matches

There is no page titled "information". You can [create this page](#).

For more information about searching E-PSMG, see [Help](#).

Showing below 6 results starting with #1.

View (previous 20) (next 20) ([20](#) | [50](#) | [100](#) | [250](#) | [500](#))

Page title matches

[E-PSMG Information Framework](#)

14 KB (1631 words) - 02:44, 2 September 2009

Page text matches

[Main Page](#)

...y the use of tools that capture, gather, store, analyse and share critical **information** and knowledge. *To improve accessibility of valuable **information** and knowledge.

3 KB (366 words) - 19:28, 31 August 2009

Search results

You searched for **information** (all pages starting with "information" | all pages that link to "information")

For more information about searching E-PSMG, see [Help](#).

Showing below 6 results starting with #1.

View (previous 20) (next 20) ([20](#) | [50](#) | [100](#) | [250](#) | [500](#))

Page title matches

[E-PSMG Information Framework](#)

14 KB (1631 words) - 02:44, 2 September 2009

Page text matches

[Main Page](#)

...y the use of tools that capture, gather, store, analyse and share critical **information** and knowledge. *To improve accessibility of valuable **information** and knowledge.

3 KB (366 words) - 19:28, 31 August 2009

[Pre-Fabricated Light Weight Steel Roof Truss System](#)

Contain the following **Information** Contain the following **Information**

2 KB (270 words) - 08:02, 17 September 2003

4.1 Create New Page

By clicking the “create this page”, page below will be prompted. The users can add the information the editing window. It is advisable to use the [Rich Editor] to ease the content adding procedure.

page discussion **create** protect watch

Haris my talk my preferences my watchlist my contributions log out

Editing Information

You have followed a link to a page that does not exist yet.
To create the page, start typing in the box below (see the [help page](#) for more info).
If you are here by mistake, click your browser's **back** button.
[\[Rich Editor\]](#) [\[Open Rich editor in new window\]](#)

B

Please note that all contributions to E-PSMG may be edited, altered, or removed by other contributors. If you do not want your writing to be edited mercilessly, then do not submit it here.
You are also promising us that you wrote this yourself, or copied it from a public domain or similar free resource (see [E-PSMG:Copyrights](#) for details). **Do not submit copyrighted work without permission!**

Summary:

This is a minor edit Watch this page

Save page Show preview Show changes Cancel | [Editing help](#) (opens in new window)

navigation

- Main Page
- Community portal
- Current events
- Recent changes
- Random page
- Help

search

Go Search

toolbox

- [What links here](#)
- [Upload file](#)
- [Special pages](#)

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4.2 Edit Existing Content

If the content already exists, the user can edit the content by clicking the edit link as shown below.

GENERAL CONSTRUCTION WORKS [\[edit\]](#)

GEOTECHNICAL WORK [\[edit\]](#)



■ **Soil Investigation (Confirmatory)**

- Borehole
- JKR Probe
- Hand Auger


Edit section: GEOTECHNICAL WORK

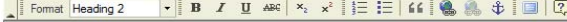
page discussion **edit** history Log in / create account

JKR


Editing E-PSMG Information Framework (section)

Warning: You are not logged in. Your IP address will be recorded in this page's edit history.
[Disable rich editor](#) [\[Open Rich editor in new window\]](#)

Wikitext 

Format Heading 2 **B** *I* U ABC x₂ x² 

GEOTECHNICAL WORK



■ **Soil Investigation (Confirmatory)**

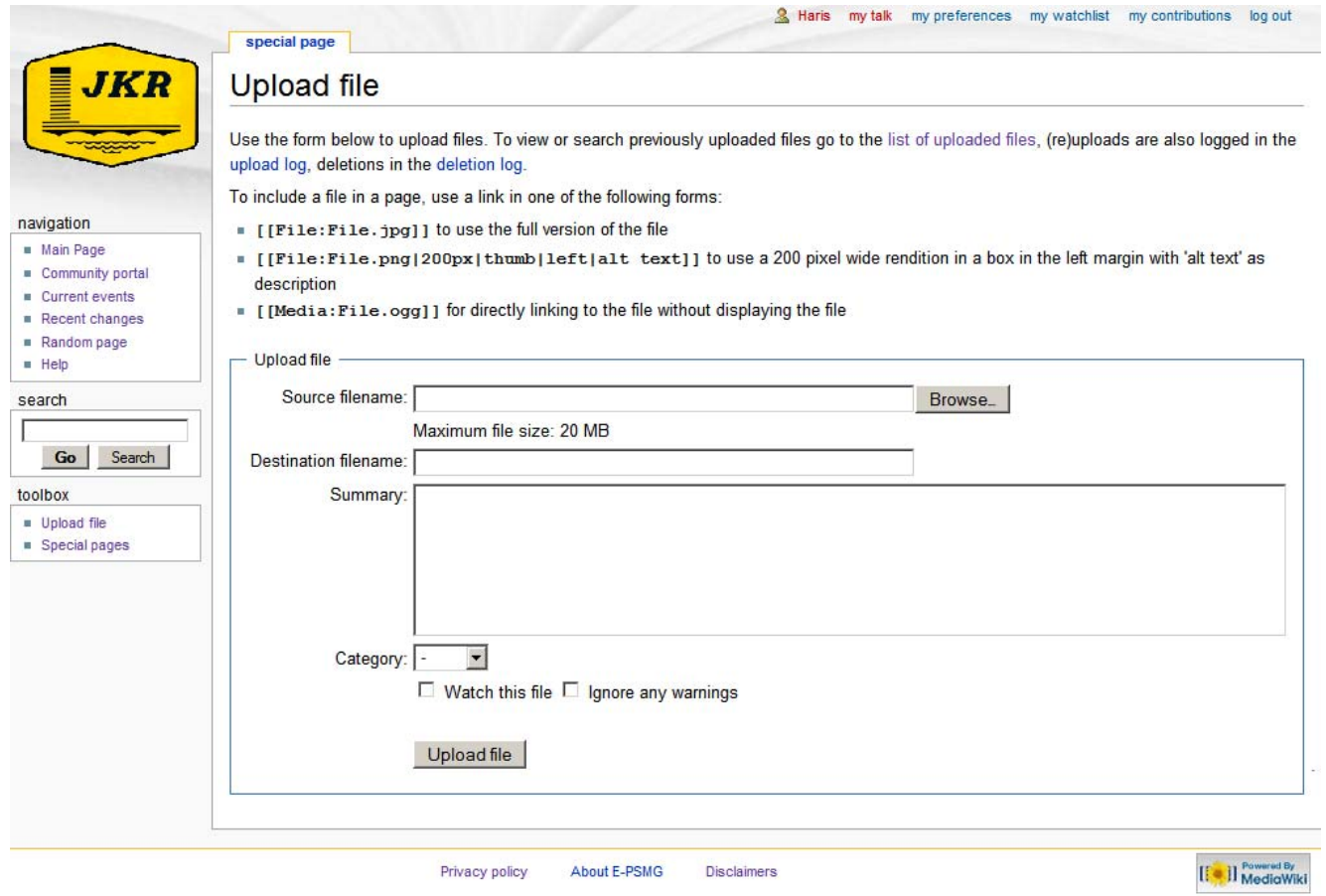
- Borehole
- JKR Probe
- Hand Auger
- Trial Pit
- Cone Penetration Test (Piezocone)
- Vane Shear
- Plate Bearing Test
- Site Laboratory Test
 - Sieve Analysis
 - Moisture Content
 - Modified Proctor Test
 - Index Proportion Test

Please note that all contributions to E-PSMG may be edited, altered, or removed by other contributors. If you do not want your writing to be edited mercilessly, then do not submit it here. You are also promising us that you wrote this yourself, or copied it from a public domain or similar free resource (see [E-PSMG:Copyrights](#) for details). **Do not submit copyrighted work without permission!**

4.3 Upload image

Users can upload image(s) together with the text content. However, since e-PSMG wiki portal works from the server, users' first need to upload the image(s) into the server before they can insert into the content. Uploading the image(s) can be done either through single or multiple upload depend on how many image(s) the users need.

4.3.1 Single Upload



The screenshot shows the 'Upload file' page on the JKR wiki portal. The page header includes the user name 'Haris' and links for 'my talk', 'my preferences', 'my watchlist', 'my contributions', and 'log out'. The page title is 'Upload file' and it is categorized as a 'special page'. The main content area contains instructions on how to use the form to upload files, including links to the 'list of uploaded files' and 'upload log'. It also provides examples of how to include files in a page using wikitext syntax. The form itself includes fields for 'Source filename', 'Destination filename', and a 'Summary' text area. There is a 'Browse...' button next to the source filename field and an 'Upload file' button at the bottom. A 'Category' dropdown menu is set to '-'. There are also checkboxes for 'Watch this file' and 'Ignore any warnings'. The page footer includes links for 'Privacy policy', 'About E-PSMG', and 'Disclaimers', along with a 'Powered By MediaWiki' logo.

special page

Upload file

Use the form below to upload files. To view or search previously uploaded files go to the [list of uploaded files](#), (re)uploads are also logged in the [upload log](#), deletions in the [deletion log](#).

To include a file in a page, use a link in one of the following forms:

- `[[File:File.jpg]]` to use the full version of the file
- `[[File:File.png|200px|thumb|left|alt text]]` to use a 200 pixel wide rendition in a box in the left margin with 'alt text' as description
- `[[Media:File.ogg]]` for directly linking to the file without displaying the file

Upload file

Source filename:

Maximum file size: 20 MB

Destination filename:

Summary:

Category:

Watch this file Ignore any warnings

navigation

- Main Page
- Community portal
- Current events
- Recent changes
- Random page
- Help

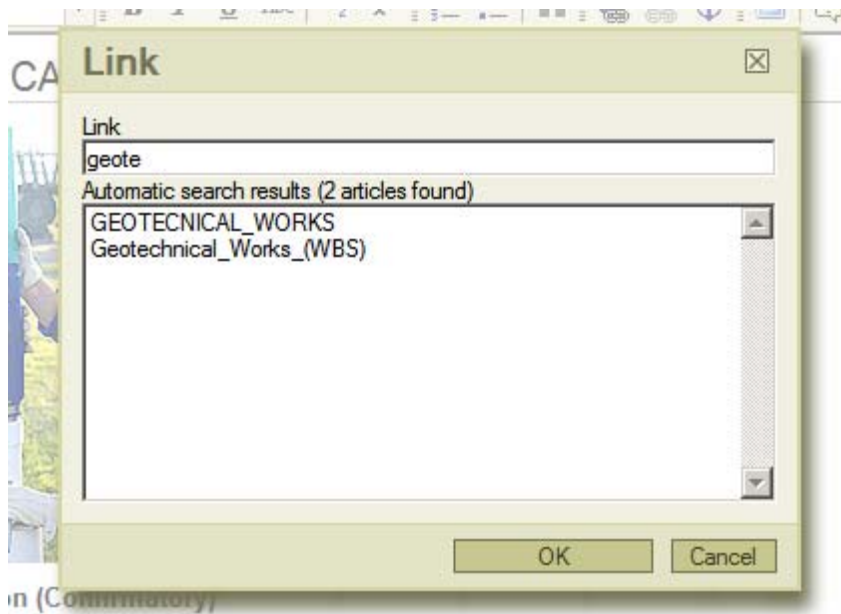
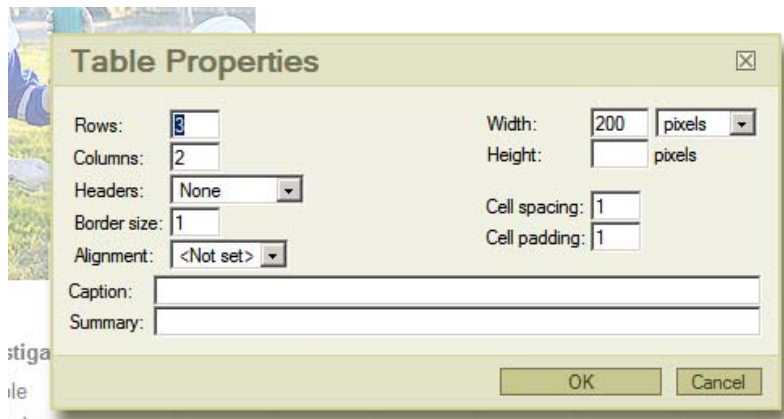
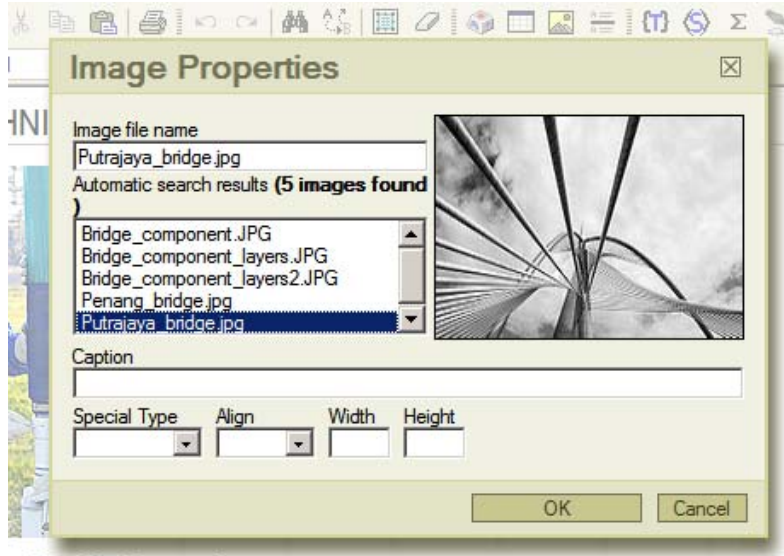
search

toolbox

- Upload file
- Special pages

Privacy policy [About E-PSMG](#) [Disclaimers](#)

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4.3.2 Multiple Upload

The screenshot shows the 'Upload multiple files' interface. At the top, there is a navigation bar with the user name 'Haris' and links for 'my talk', 'my preferences', 'my watchlist', 'my contributions', and 'log out'. The page title is 'special page' and 'Upload multiple files'. The main content area contains instructions: 'Upload multiple files here. Choose "Browse" and select each file you wish to upload. You can upload from 1 to 5 files at a time. You can enter an optional Destination filename and provide a Summary describing your file. Inappropriate files will be deleted immediately, see the file deletion policy.' Below the instructions are three columns of input fields: 'Source filename:', 'Destination filename:', and 'Summary:'. Each column has five rows, each with a 'Browse...' button. At the bottom of the form, there are checkboxes for 'Watch this page' and 'Ignore any warnings', and an 'Upload file' button. The left sidebar contains navigation links (Main Page, Community portal, Current events, Recent changes, Random page, Help), a search box with 'Go' and 'Search' buttons, and a toolbox with 'Upload file' and 'Special pages' options. The footer includes 'Privacy policy', 'About E-PSMG', 'Disclaimers', and a 'Powered By MediaWiki' logo.

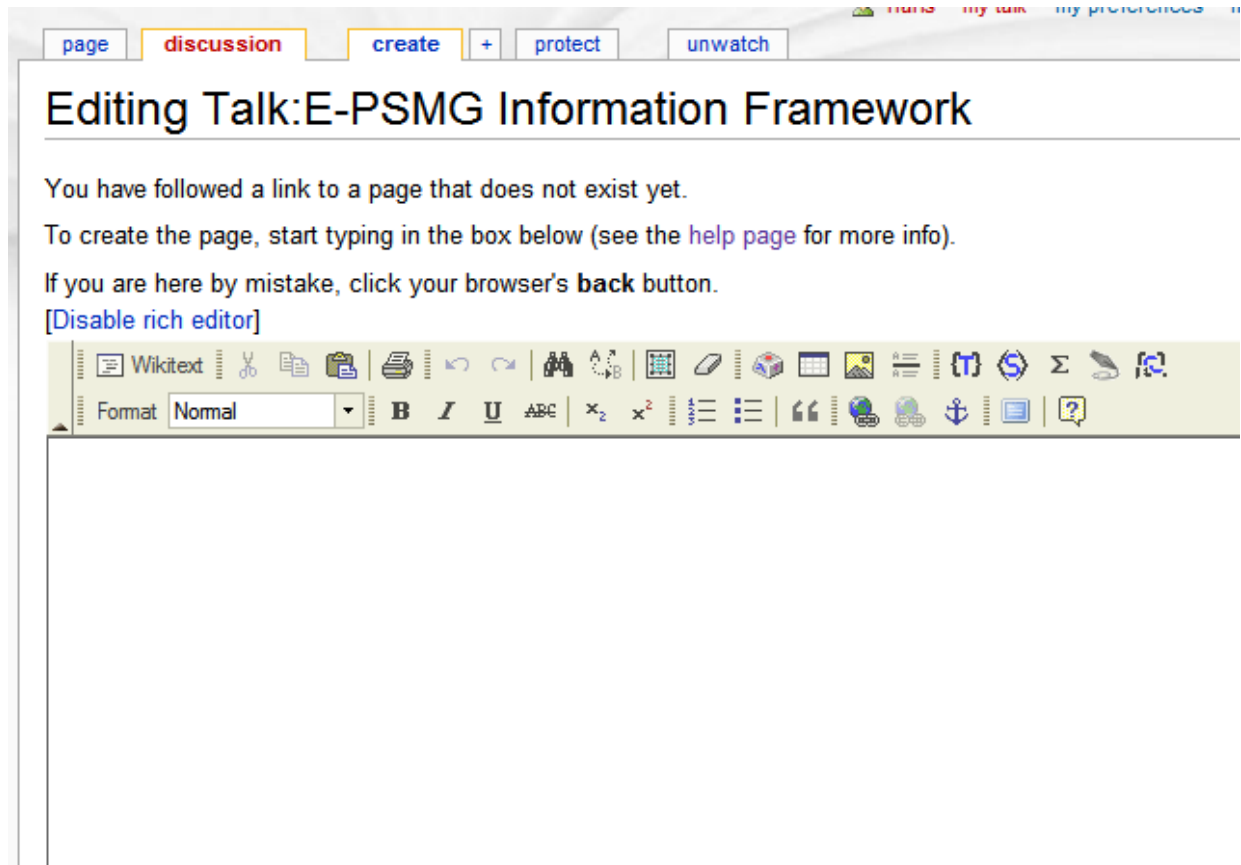
4.4 Insert link

Once the content has been added or developed, the content need to be link with the e-PSMG Information Framework. The users need to highlight the “content title” and click the “insert link” icon. In order to find the related content for the link, the users need to enter some “keyword” in which the system will be automatically list all related content available in the database. Therefore, the users are encourage to develop the content before they can create the link.

The screenshot shows the 'Editing E-PSMG Information Framework (section)' page. The page title is 'Editing E-PSMG Information Framework (section)'. A warning message states: 'Warning: You are not logged in. Your IP address will be recorded in this page's edit history. [Disable rich editor] [Open Rich editor in new window]'. Below the warning is a rich text editor toolbar with various icons for text formatting and insertion. The main content area shows a list of items under the heading 'Soil Investigation (Confirmatory)'. The items are: Borehole, JKR Probe, Hand Auger, Trial Pit, Cone Penetration Test (Piezocone), Vane Shear, Plate Bearing Test, Site Laboratory Test, Sieve Analysis, Moisture Content, Modified Proctor Test, and Index Properties Test. A 'Link' dialog box is open over the 'Vane Shear' item. The dialog box has a 'Link' input field containing 'she|'. Below the input field, it says 'Automatic search results (one article found)' and lists 'Crusher_run'. The dialog box has 'OK' and 'Cancel' buttons. The left sidebar contains navigation links (Main Page, Community portal, Current events, Recent changes, Random page, Help), a search box with 'Go' and 'Search' buttons, and a toolbox with 'What links here', 'Related changes', and 'Special pages' options.

4.5 Discussion

The users can use the “Discussion” from the page tab to add some comments on the contents. The users are not encouraged to add the content since it might conflict with the content previously created by the domain expert using the “Discussion” menu.



5. Comprehensive Manual

For comprehensive user manual on Wikimedia can be found at:-

- ✓ http://en.wikipedia.org/wiki/How_to_edit
- ✓ <http://meta.wikimedia.org/wiki/Help:Section>