

OpenRiskNet

RISK ASSESSMENT E-INFRASTRUCTURE

Tutorials OpenRiskNet website

OpenRiskNet internal document



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OpenRiskNet: Open e-Infrastructure to Support Data Sharing, Knowledge
Integration and *in silico* Analysis and Modelling in Risk Assessment

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How do I access the admin interface of the OpenRiskNet website

This tutorial refers to the access of OpenRiskNet members to the [admin interface](#) of the public website, step necessary in order to add and update the content of services catalogue or the public library.

1. Get the user ID and password

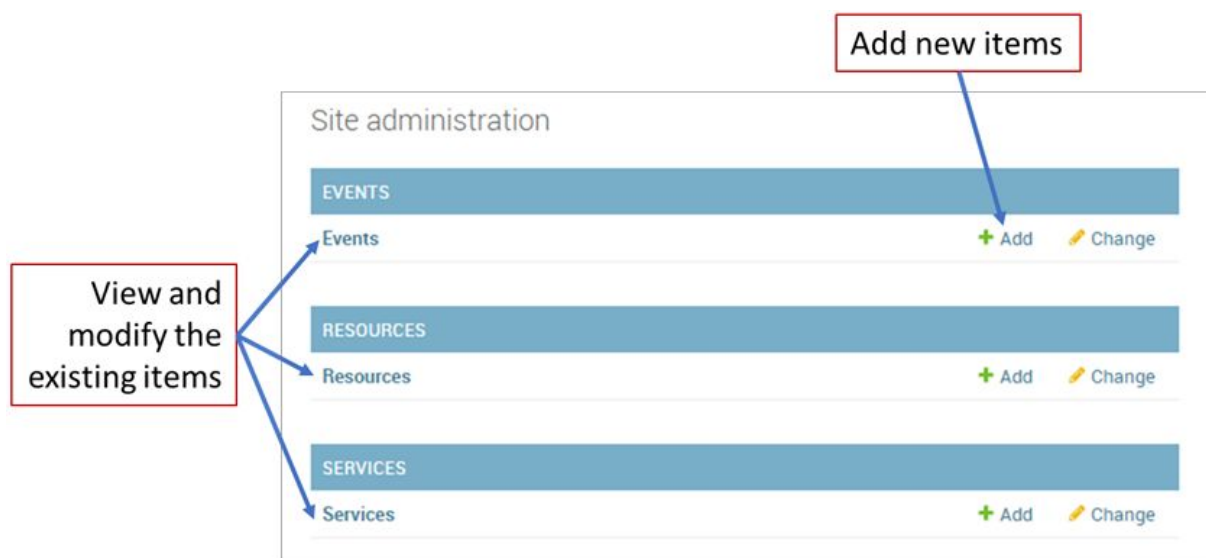
- a. Initially each PI or active member of the project will receive this from the web admin;
- b. For creating additional Users, the request should be sent by email to: openrisknet@douglasconnect.com mentioning the Name, Email and Organisation. The PI of the respective Organisation needs to be always in CC for information;

2. Access the admin interface: <https://openrisknet.org/admin/>

3. You can change the password at anytime using the 'Change Password' option

4. You'll be able to **view and access** different sections of the website:

- a. Events;
- b. Resources;
- c. Services.



5. **Add new or update** existing items (see sections below)

How do I add and describe a new publication, training material or other resources?

The '[Resources & Training](#)' page contains materials to support OpenRiskNet users in getting familiar with the services and tools available in the e-infrastructure: tutorials, video demonstrations, publications (e.g. peer-review articles, presentations, posters).

1. Access the section '**Resources**'
2. Use the existing functionalities to **add, update or filter** the resources

The screenshot shows the 'Resources' page with a table of resources and a filter sidebar. Annotations highlight key features:

- Update the description of the existing resources:** Points to the 'Select Resource to change' section at the top left.
- Add new resource:** Points to the 'ADD RESOURCE +' button at the top right.
- Filter the resources based on existing descriptors:** Points to the 'FILTER' sidebar on the right, which includes categories like 'By Resource category' and 'By Resource category internal'.

PUBLISHED ON WEBSITE	TITLE	RESOURCE CATEGORY
<input checked="" type="checkbox"/>	Model I/OX OpenRiskNet - Case study using Jupyter web modelling platform	Tutorial
<input checked="" type="checkbox"/>	REVX Pharmacokinetics OpenRiskNet Case study using Jupyter web modelling platform	Tutorial
<input checked="" type="checkbox"/>	OpenRiskNet, an open e-infrastructure to support data sharing, knowledge integration and in silico analysis and modelling in risk assessment	Poster
<input checked="" type="checkbox"/>	OpenRiskNet e-infrastructure available to end-users	Public communication
<input checked="" type="checkbox"/>	Jupyter Notebook: Access TG-GATEs data for selected compounds, select differentially expressed genes and identify relevant pathways	Tutorial
<input checked="" type="checkbox"/>	Entering and analysing nano safety data	Tutorial
<input checked="" type="checkbox"/>	Browsing the eNM ontology with BioPortal, AberOWL and Protége	Tutorial
<input checked="" type="checkbox"/>	A confidence predictor for logD using conformal regression and a support-vector machine	Peer-reviewed publication
<input checked="" type="checkbox"/>	Adding ontology terms	Tutorial
<input checked="" type="checkbox"/>	OpenRiskNet, an open e-infrastructure to support data sharing, knowledge integration and in silico analysis and modelling in risk assessment	Poster
<input checked="" type="checkbox"/>	The OpenRiskNet Approach towards a Semantic Interoperability Layer - Part One: Problem Definition for Datasets	Public communication
<input checked="" type="checkbox"/>	OpenRiskNet reveals concepts of harmonised APIs and semantic interoperability provides first training units, and launches Associate Partner Program	Public communication
<input checked="" type="checkbox"/>	Integration and interoperability (conference session)	Presentation
<input checked="" type="checkbox"/>	OpenRiskNet case studies to support data and tools integration from NanoSafety Cluster	Public communication

3. Add new resource¹

- a. Be sure you uncheck the button 'Published on the webpage'. If the button will remain active, the resource will be displayed automatically on the public website without being reviewed and approved;
- b. **Complete all relevant fields** (predefined descriptors or free text);
- c. **Select the relevant events** that are already entered in the OpenRiskNet website. This step will create a link between the Resources and Events (e.g. a presentation and the relevant conference);
- d. **Save** the entry;
- e. Inform the webadmin or the project manager by **Email** at openrisknet@douglasconnect.com or by **Slack** (#WP3 channel) about the

¹ It is the responsibility of the resource owner to ensure that the information entered is accurate and up to date

new entry;

- f. The webadmin or the project manager will **review** the entry, make necessary changes, ask details to the item owner (if needed), **approve** and **publish**.

The diagram illustrates the steps for adding a resource:

- Uncheck the button 'Published on webpage'
- Complete all fields according to the category of resource
- If applicable, select the Event associated with the resource
- Save

How do I add and describe my services?

This tutorial refers to [OpenRiskNet Services Catalogue](#) where all services, tools or databases are listed and described.

1. Access the section **'Services'**
2. Use the existing functionalities to **add, update or filter** the services

The screenshot displays the OpenRiskNet Services Catalogue interface. At the top, there is a navigation bar with 'Home · Services · Services'. Below it, a header reads 'Select Service to change'. The main content is a table with the following columns: 'PUBLISHED ON WEBPAGE', 'NAME', 'PROVIDER ORGANISATION', and 'INTEGRATION STATUS'. The table lists various services such as 'BridgeDb identifier mapping service (Homo sapiens, Mus musculus and Rattus norvegicus)', 'P450 SOM predictor', and 'Jagpot API'. A red box labeled 'Update the description of a service' points to the 'NAME' column. To the right of the table is a 'FILTER' sidebar with two sections: 'By Service type' and 'By Category'. A red box labeled 'Filter the services based on existing descriptors' points to the 'By Service type' section. Above the table, there is an 'ADD SERVICE +' button, which is pointed to by a red box labeled 'Add new service'.

3. Add new service²

- g. Be sure you uncheck the button 'Published on the webpage'. If the button will remain active, the service will be displayed automatically on the public website;
- h. **Complete all relevant fields** (predefined descriptors or free text). Try to be accurate and also add as many details as possible; You can add more descriptors to some of the fields (e.g. Topics, Biological area) if they are not already listed;
- i. **Select the relevant resources and training materials** that are already in the OpenRiskNet library. These will be displayed together with the service description and aim support the access of the user to any available resources;
- j. **Save** the entry;
- k. Inform the webadmin or the project manager by **email** at openrisknet@douglasconnect.com or by **Slack** (#WP3 channel) about the new entry;
- l. The webadmin or the project manager will **review** the entry, make necessary changes, ask details to the item owner (if needed), **approve** and

² It is the responsibility of the service owner to ensure that the information entered is accurate and up to date

publish.

The diagram illustrates the process of publishing a service. It consists of four main steps in a vertical flowchart, each connected to a specific part of the 'Add Service' form:

- Uncheck the button 'Published on webpage'**: This step points to the 'Published on webpage' checkbox in the 'Service information' section of the form.
- Complete all fields according to the type of service**: This step points to the 'Name', 'URL', 'API URL', 'API Type', 'Provider name', 'Provider contact', and 'Provider organisation' fields.
- Select the relevant Resource & Training materials from the OpenRiskNet Library**: This step points to the 'Resource & Training' section, which includes a search filter and a list of available resources.
- Save**: This step points to the 'Save' button at the bottom right of the form.

4. Update the service³

- Whenever an update is available, the owner of the service should make the necessary changes and save them;
- The updates will be displayed automatically on the public website.

³ It is the responsibility of the service owner to update the description whenever necessary

How do I add and describe a new event?

This sections list all [events](#) where OpenRiskNet was involved as (co)organiser or where the project members participated. The list (Upcoming and Past events) is automatically updated based on the dates entered.

1. Access the section **'Events'**
2. Use the existing functionalities to **add, update or filter** the events

The screenshot shows the OpenRiskNet Events page. At the top, there is a search bar and a 'Select Event to change' dropdown. Below this is a table of events with columns for 'PUBLISHED ON WEBSITE', 'OPENRISKNET ORGANISER', 'OPENRISKNET CO-ORGANISER', 'CONFERENCE/WORKSHOP NAME', 'START DATE', 'END DATE', 'LOCATION', and 'COUNTRY'. A red box labeled 'Update the description of an event' points to a row in the table. To the right of the table is a 'FILTER' sidebar with a 'By Event categories' section containing a list of categories: All, Workshop, Conference, Training, Hackathon, Hackathon, and Symposium. A red box labeled 'Filter the events based on existing descriptors' points to this sidebar. At the top right of the page, there is a red box labeled 'Add new event' pointing to the 'ADD EVENT' button.

3. Add new event

- a. Be sure you uncheck the button 'Published on the webpage'. If the button will remain active, the events will be displayed automatically on the public website;
- b. **Complete all relevant fields** (predefined descriptors or free text);
- c. **Save** the entry;
- d. Inform the webadmin or the project manager by **email** at openrisknet@douglasconnect.com or by **Slack** (#WP3 channel) about the new entry;
- e. The webadmin or the project manager will **review** the entry, make necessary changes, ask details to the item owner (if needed), **approve** and **publish**.

