

# ECsafeSEAFOOD Database user manual

## 1) General information

- Login:

- Go to <http://www.ecsafeseafooddbase.eu/>
- Click on the “Login” button
  - If you know your login details use your username and password to log on (your user ID is your email address) (Fig.1).
  - If you are not registered yet, please send an email to [griet.vandermeersch@ilvo.vlaanderen.be](mailto:griet.vandermeersch@ilvo.vlaanderen.be)

Fig. 1: Screenshot login

**ECsafeSEAFOOD** Priority environmental contaminants in seafood: safety assessment, impact and public perception

LOGIN

### WELCOME TO THE ECSAFESEAFOOD CONTAMINANTS DATABASE

In this unique database, data on contaminants of emerging concern in seafood species are collated. The database focuses on unregulated contaminants that give rise to concern from an environmental and public health point of view. The contaminants in question include brominated flame retardants, endocrine disruptors, toxic element species, pharmaceuticals and personal care products, perfluorinated compounds, microplastics and marine biotoxins, amongst others. This tool is useful for improving contaminant diagnostics and seafood risk assessment for food safety authorities and food diagnostic firms, as well as the seafood and aquaculture industries. The data can also be used by policy makers to help inform policy and advisory guidelines and by funding authorities to highlight the deficits in seafood contaminant research.

The tool is a part of the EU-funded **ECsafeSEAFOOD project** which is currently working to assess food safety issues related primarily to priority contaminants present in seafood as a result of environmental contamination (including those originating from algal blooms and those associated with marine litter) and to evaluate their impact on public health. The **ECsafeSEAFOOD database** will be updated throughout the whole project duration in order to include the most recent and relevant information available from different sources. **ECsafeSEAFOOD project** results are also being added to the database as they emerge.

If you have already registered, use your username and password to log in. If you have not yet registered, please send an email to [griet.vandermeersch@ilvo.vlaanderen.be](mailto:griet.vandermeersch@ilvo.vlaanderen.be). Once you have successfully logged in, you can find the database user manual by clicking .

Username

Password

Log in

☐ REMEMBER?

## 2) Literature

- The literature tab provides a summary of all literature about contaminants of emerging concern, with described contaminants and species, available in the database (Fig. 2). You can use filters to quickly extract certain data from the list.

**Note:** If a PDF version of the article is available online, a PDF button will appear.

- You can upload new literature about contaminants of emerging contaminants by clicking on the manage tab (for further details see below).

Fig. 2: Screenshot literature



**EGSafesEAFOOD** Priority environmental contaminants in seafood: safety assessment, impact and public perception

**LITERATURE** PROJECT RESULTS CLIMATE CHANGE INFO MANAGE LOGOUT

**LITERATURE**

-- filter by literature title -- -- filter by species -- filter

-- filter by contaminant -- -- filter by group --

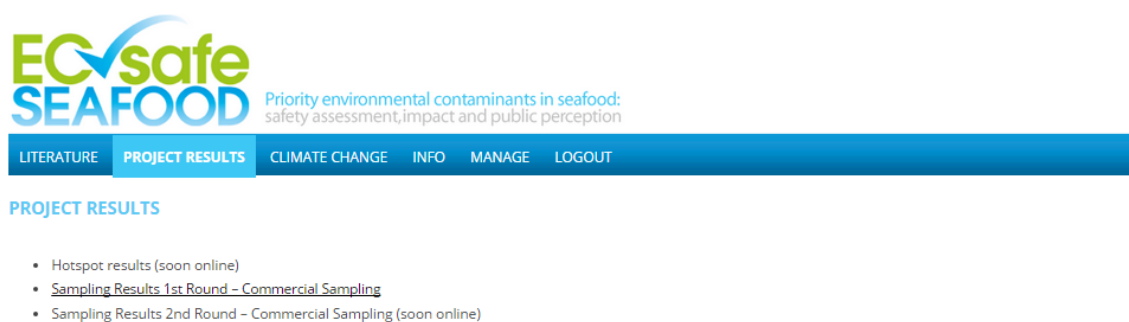
-- filter by subgroup --

| NAME   | AUTHORS   | YEAR | CONTAMINANT        | GROUP  | SUBGROUP           | SPECIES   | PDF   |
|--|---|------|--------------------|--------|--------------------|---|---|
| A cytolytic assay for the measurement of palytoxin based on a cultured monolayer cell line | Belloci et al.  | 2008 | palytoxins (PITXs) | MBs    | Palytoxins (PITXs) | Mytilus galloprovincialis   |  |
| A Market Basket Survey of Inorganic Arsenic in Food  | Schoof R.A., Yost L.J., Eickhoff J., Crecelius E.A., Cragin D.W., Meacher D.M., Menzel D.B. | 1999 | inorganic arsenic  | Metals | Arsenic            | Gadus morhua, Hippoglossus hippoglossus, Hoplostethus atlanticus, Ictalurus punctatus, Oncorhynchus |  |

### 3) Project results

- The project results tab is only available for project partners (Fig. 3).
- By clicking on a title, the excel document with the project results will open.

Fig. 3: Screenshot project results



**EGSafesEAFOOD** Priority environmental contaminants in seafood: safety assessment, impact and public perception

**LITERATURE** **PROJECT RESULTS** CLIMATE CHANGE INFO MANAGE LOGOUT

**PROJECT RESULTS**

- Hotspot results (soon online)
- [Sampling Results 1st Round - Commercial Sampling](#)
- Sampling Results 2nd Round - Commercial Sampling (soon online)

### 4) Climate change

- The climate change tab provides a summary of all available literature about climate change.
- You can upload new literature about climate change by clicking on the manage tab (for further details see below).

### 5) Manage

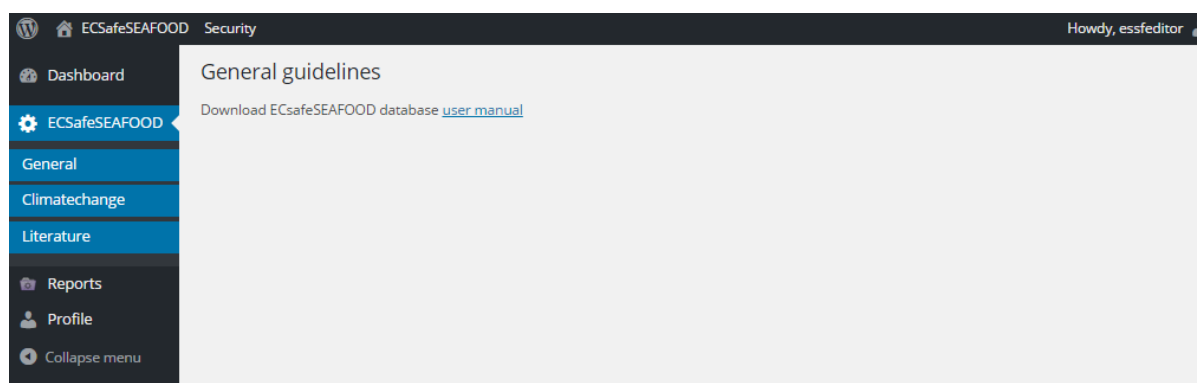
- a) "Users" tab:

Here you can see your profile, which is automatically generated.

b) “ECsafeSEAFOOD” tab (Fig. 4):

i) General information: database manual

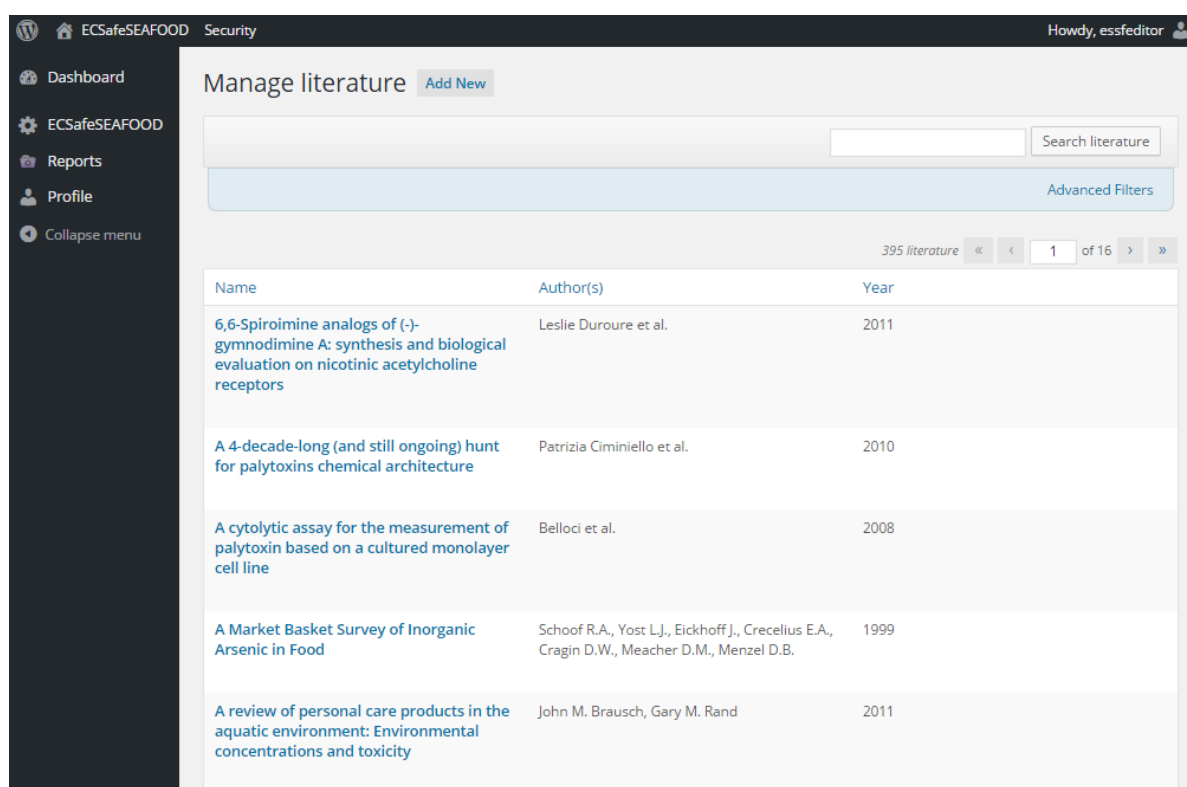
Fig. 4: Screenshot ECsafeSEAFOOD tab



ii) Literature (Fig. 5):

Here you can find an overview of all the articles about contaminants of emerging concern in the database.

Fig. 5: Screenshot manage literature



To add a new article:

- Click on the “Add new” button (Fig. 5)
- Enter a the title of the article in the textbox on top of the worksheet (Fig. 6)
- Enter author and year in the textboxes
- Please upload the article as a PDF file
- Select all contaminants and species described in the publication
- Click on the “Save new literature” button

Fig. 6: Screenshot add new literature

The screenshot shows the 'Add New literature' form within the ECSafeSEAFOOD system. The interface includes a dark sidebar with navigation links: Dashboard, ECSafeSEAFOOD, Reports, Profile, and Collapse menu. The main content area has a header with 'ECSafeSEAFOOD Security' and a user profile 'Howdy, essfeditor'. The form itself is titled 'Add New literature' with a 'Back to Manage' link. It features a large text input for the title, a 'Manage' dropdown, and a 'Save New literature' button. Below these are sections for 'More Fields' including 'Author(s) \*', 'Year \*', 'Document' (with an 'Add File' button), 'Contaminant' (a list of chemical compounds with checkboxes), and 'Species' (a list of species names with checkboxes).

### iii) Climate change

Here you can find an overview of all the articles about climate change in the database.

To add a new article:

- Click on the “Add new” button
- Enter a the title of the article in the textbox on top of the worksheet (Fig. 7)
- Enter author and year in the textboxes
- Please upload the article as a PDF file
- Click on the “Save new literature” button

Fig. 7: Screenshot add new climate change

The screenshot shows the WordPress dashboard for 'ECsafeSEAFOOD' with the 'Security' menu item selected. The user is logged in as 'essfeditor'. The main content area is titled 'Add New climatechange' with a '« Back to Manage' link. A large text input field is at the top. Below it is a 'More Fields' section containing: 'Author(s)' with a text input; 'Year' with a text input; 'Document' with an 'Add File' button; 'Author' with a dropdown menu showing 'essf..x'; and 'Permalink' with a text input and a note 'Leave blank to auto-generate from Name'. On the right, a 'Manage' section contains a 'Save New climatechange' button. The footer includes a WordPress credit and 'Version 4.2.2'.

WordPress ECsafeSEAFOOD Security Howdy, essfeditor

Dashboard  
ECsafeSEAFOOD  
Reports  
Profile  
Collapse menu

## Add New climatechange « Back to Manage

More Fields

Author(s)

Year

Document

Author

Permalink   
Leave blank to auto-generate from Name

Manage

Thank you for creating with WordPress. Version 4.2.2

For questions or remarks contact us at [griet.vandermeersch@ilvo.vlaanderen.be](mailto:griet.vandermeersch@ilvo.vlaanderen.be)