

LifeWatch ERIC Metadata Catalogue



User Manual v1.3

June, 2021

LifeWatch ERIC Metadata Catalogue

1. How to search for a specific kind of resource?
2. How to access the detailed view of a specific resource?
3. How to download metadata related to a specific resource?
4. How to create a new resource?
5. How to edit a resource?
6. How to publish a resource?
7. How to request a DOI for a resource?

LifeWatch ERIC Metadata Catalogue

1. How to search for a specific kind of resource (e.g., Virtual Research Environment)?

Click on the “Search” tab and then apply the desired filter on the right side of the screen.

LifeWatch ERIC Metadata Catalogue

2. How to access the detailed view of a specific resource?

Click on the title of the resource to see its details.

LifeWatch ERIC Metadata Catalogue

Search ...

Active filters: Remove all filters

Sorted by Title

8 results

Alien and Invasive Species Virtual Research Environment

The LifeWatch Alien Species Virtual Research Environment (Alien Species VRE) has been built and equipped in order to developing systems that support the scientist's work for experimental researches on alien species arrival and spread into different types of ecosystems (aquatic and terrestrial). The Alien Species VRE is an example of the types of sc... more

CNR - Institute of Ecosystem Study

1 link

Completed

Belgian LifeWatch eLab

One of the virtual laboratories developed by LifeWatch Belgium is the Belgian LifeWatch eLab. This online application allows users to standardise, analyse and visualise their data, making use of web services built on top of internal and external reference databases. The ultimate goal of LifeWatch is to set up a network for data exchange and data an... more

VLIZ

2 links

Completed

Literature Mining virtual Lab

Biodiversity literature and data constitute a vast public resource open to mining and knowledge extraction. Associating organisms to key features of their life, for example the environment in which they live, the way feed, their breeding habits, is cornerstone in explaining biodiversity patterns and informing ecological decisions. The Literature Mi... more

IMBBC, LifeWatch Greece, HCMR

2 links

Completed

LifeWatch ERIC Metadata Catalogue

Back to search

Download

Display mode

Alien and Invasive Species Virtual Research Environment

The LifeWatch Alien Species Virtual Research Environment (Alien Species VRE) has been built and equipped in order to developing systems that support the scientist's work for experimental researches on alien species arrival and spread into different types of ecosystems (aquatic and terrestrial). The Alien Species VRE is an example of the types of scientific studies that researchers on biodiversity and alien species could undertake. The goal is to obtain a list of capabilities on the topic to be shared through the LifeWatch portal with all those interested in alien and invasive species.

Temporal extent

Creation date: 2016-01-01

Publication date: 2018-01-01

Source

LifeWatch ERIC

Provided by

LifeWatch ITALIA

Updated:

2 months ago

About this resource

Keywords

- Virtual Research Environment
- alien species

Status: Completed

Version: 1.0

Info page

<https://www.lifewatch.eu/web/guest/alien-species-vre>

Open link

Contain Services

Service 1

Name	Description
Taverna service	Taverna services: - Dataportal interaction module: interactive selection of a dataset from the LifeWatch Service Centre data

LifeWatch ERIC Metadata Catalogue

3. How to download metadata related to a specific resource?

The screenshot shows the LifeWatch ERIC Metadata Catalogue interface. The main content area displays the resource title "Alien and Invasive Species Virtual Research Environment" and a description. Below the description, there are sections for "About this resource" (including keywords, status, version, and an info page), "Temporal extent" (creation and publication dates), "Source" (LifeWatch ERIC logo), and "Provided by" (LifeWatch logo). A "Download" button is visible, and a dropdown menu is open, showing options for "Permalink", "Export (ZIP)", "Export (PDF)", "Export (XML)", and "Export (RDF)". Red arrows point from the "Download" button to the dropdown menu and from the "Export (XML)" option to the XML metadata block on the right.

In the detail view of the resource, click on the “Download” button to download the resource in the desired format (ZIP, PDF, XML and RDF are available)

```

<gmd:MD_Metadata xsi:schemaLocation="http://www.isotc211.org/2005/gmd http://schemas.opengis.net/isw/2.0.2/profiles/aps/w1.0.0/aps/w1.xsd">
  <gmd:fileIdentifier>
    <gco:CharacterString>2843c418-315f-484b-bc46-016c045450</gco:CharacterString>
  </gmd:fileIdentifier>
  <gmd:language>
    <gmd:languageCode codeList="http://www.loc.gov/standards/iso639-2" codeListValue="eng"/>
  </gmd:language>
  <gmd:hierarchyLevel>
    <gmd:MD_ScopeCode codeList="http://standards.iso.org/iso/19139/resources/gmdCodesList.xml#MD_ScopeCode" codeListValue="src"/>
  </gmd:hierarchyLevel>
  <gmd:identificationInfo>
    <gmd:MD_DataIdentification>
      <gmd:citation>
        <gmd:CI_Citation>
          <gmd:title>
            <gco:CharacterString>
              Alien and Invasive Species Virtual Research Environment
            </gco:CharacterString>
          </gmd:title>
          <gmd:date>
            <gmd:CI_Date>
              <gmd:date>
                <gco:Date>2018</gco:Date>
              </gmd:date>
              <gmd:dateType>
                <gmd:CI_DateTypeCode codeList="http://standards.iso.org/iso/19139/resources/gmdCodesList.xml#CI_DateTypeCode" codeListValue="creation"/>
              </gmd:dateType>
            </gmd:CI_Date>
          </gmd:date>
          <gmd:CI_Citation>
            <gmd:abstract>
              <gco:CharacterString>
                The LifeWatch Alien Species Virtual Research Environment (Alien Species VRE) has been built and equipped in order to develop systems that support the scientist's work for experimental researches on alien species arrival and spread into different types of ecosystems (aquatic and terrestrial). The Alien Species VRE is an example of the types of scientific studies that researchers on biodiversity and alien species could undertake. The goal is to obtain a list of capabilities on the topic to be shared through the LifeWatch portal with all those interested in alien and invasive species.
              </gco:CharacterString>
            </gmd:abstract>
            <gmd:MD_ProgressCode codeListValue="completed" codeList="http://standards.iso.org/iso/19139/resources/gmdCodesList.xml#MD_ProgressCode"/>
          </gmd:citation>
          <gmd:pointOfContact>
            <gmd:CI_Responsibility>
              <gmd:individualName>
                <gco:CharacterString>Nicola Fiore</gco:CharacterString>
              </gmd:individualName>
              <gmd:organisationName>
                <gco:CharacterString>LifeWatch ERIC</gco:CharacterString>
              </gmd:organisationName>
              <gmd:contactInfo>
                <gmd:CI_Contact>
                  <gmd:address>

```

LifeWatch ERIC Metadata Catalogue

4. How to create a new resource?

The screenshot shows the LifeWatch ERIC Metadata Catalogue interface. At the top, there is a navigation bar with the LifeWatch ERIC logo, the title 'LifeWatch ERIC Metadata Catalogue', and navigation options: Search, Map, Contribute, and a user profile for 'Lucia Vaira USERADMIN'. A search bar is located below the navigation bar. The 'Contribute' menu is open, showing options: Editor board, Add new record (highlighted with a green circle '2'), Import new records, Manage directory, and Batch editing. A green circle '1' is placed over the 'Contribute' button. Below the menu, there are five resource categories: VREs (8), Datasets (1137), Services (25), Workflows (5), and Research Sites (10). At the bottom, there are four workflow thumbnails: 'Crustaceans Workflow - Functional biogeog...', 'Metabarcoding Workflow - Detection of No...', 'Workflow on ARMS-MBION Genomics Obs...', and 'Vuherability Workflow - Risk assessment of ...'.

After login:

1. Contribute
2. Add new record

*Requisite:
registered
user*

4. How to create a new resource?

After login:

1. Contribute
2. Add new record
3. Choose the record type (e.g., Service)
4. Choose the template to use
(**LifeWatch users should use the LifeWatch ERIC templates**)
5. Select the group
6. Click on “Create”

Requisite:
registered
user

LifeWatch ERIC Metadata Catalogue

4. How to create a new resource?

Copy of template Template for LifeWatch ERIC Servi ...

Categories Group Validate Cancel Save & close Save metadata

Validation

Overview

Choose or drop an image here

Associated resources

Add

Suggestions

Suggestions

Need help

Title * Copy of template Template for LifeWatch ERIC Service created at 2021-06-01 10:37:22

Date * Publication gg/mm/aaaa --:--

+ addDate

Abstract * Template LifeWatch - Service

Status * Completed

Version * 1.0

Keywords *

Resource constraints

Access constraints * Copyright

Use limitation *

Other constraints *

+ addLegalAccessConstraints

Point of contact *

Organisation name *	Individual name *	Electronic mail address *	Role *

Add contact

The editor shows the list of all metadata related to the metadata schema of the selected resource to be added.

User-friendly interface.

Metadata marked with red asterisks are mandatory metadata.



LifeWatch ERIC Metadata Catalogue

4. How to create a new resource?

Title *

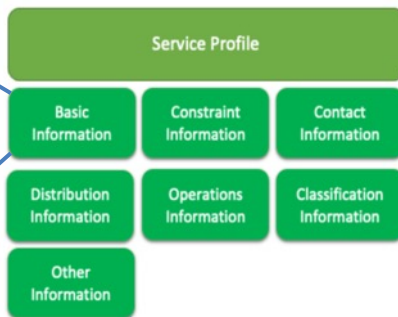
Date * Publication -- : --

Abstract *

Status *

Version *

Keywords *



Service Classification Information

Related Services

Required Services

Topic Category *

Service Category *

Service Language *

Other Language

Service TRL *

Service Level Agreement

Other Information

Service Funding

Service Price

Service Order

Service Helpdesk

Service Training

Service User Manual

Requisite:
 registered
 user

LifeWatch ERIC Metadata Catalogue

4. How to create a new resource?

Users are guided in the input process by means of:

- **tooltips** for the description of the specific field
- **drop down lists** with the appropriate values of the specific field
- **multiplicity** for multi-value attributes
- **markers** for optional/mandatory metadata

Service Category *

+

Service Language *

Other Language

+

Service TRL *

Service Level Agreement

Other Information

Service Funding

Service Price

About this resource

Keywords

- functional trait
- alien invasive species
- native species
- trophic position
- Crustaceans
- IJI

Status

Under development / Pre operational

Version

1.0

Version *

Keywords *

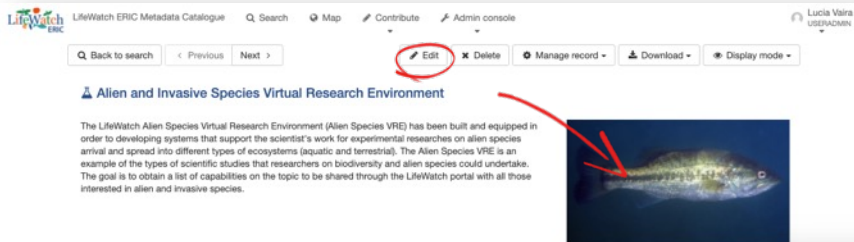
Keywords

Keywords describing the resource. They are very important for discoverability purpose, please put them in the appropriate way (one per field) and use the singular

*Requisite:
registered
user*

5. How to edit a resource?

1. Click on the name of the resource to edit from the resource list
2. Click on Edit
2. Update the record as needed
3. Decide if:
 - 3a. Cancel → go back to the resource list without saving
 - 3b. Save & close → go back to the resource list after saving
 - 3c. Save metadata → save changes but stay in the same edit page



About this resource

Keywords

- Virtual Research Environment
- alien species

Status Completed

Version 1.0

Info page
<https://www.lifewatch.eu/web/guest/alien-species-vre> Open link

Contain Services

Service 1

Name Taverna service

Description Taverna services - Dataportal interaction module: interactive selection of a dataset from the LifeWatch Service Centre data portal (the module is run by the execution of the workflow). This

Temporal extent

Creation date
2016-01-01

Publication date
2018-01-01

Source



Provided by



Updated:

2 months ago

Alien and Invasive Species Virtual Research Enviro ...

Categories Group Validate Cancel Save & close Save metadata

Title Alien and Invasive Species Virtual Research Environment

Date Publication 2018

Date Creation 2016

+ addDate

Abstract The LifeWatch Alien Species Virtual Research Environment (Alien Species VRE) has been built and equipped in order to developing systems that support the scientist's work for experimental researches on alien species arrival and spread into different types of ecosystems (aquatic and terrestrial). The Alien Species VRE is an example of the types of scientific studies that researchers on biodiversity and alien species could undertake. The goal is to obtain a list of capabilities on the topic to be shared through the LifeWatch portal with all those interested in alien and invasive species.

Status Completed

Version 1.0

Keywords Virtual Research Environment
alien species

Resource constraints

Access constraints Copyright

Use limitation

Other constraints

Validation

Overview

Choose or drop an image here

Associated resources

Online resources

WWW.LINK-1.0-http-link
<https://www.lifewatch.eu/web/guest/alien-spec...>
 Info page

Suggestions

Need help

Requisites:
 registered user and creator of the resource

6. How to publish a resource?

The screenshot shows the LifeWatch ERIC Metadata Catalogue interface. The resource being viewed is "Alien and Invasive Species Virtual Research Environment". A dropdown menu is open under the "Manage record" button, with the "Publish" option highlighted by a red circle. Below the resource title, there is a description of the Alien Species VRE. The interface also includes navigation buttons (Back to search, Previous, Next), action buttons (Edit, Delete, Manage record, Download, Display mode), and a user profile for Lucia Vaira (USERADMIN). The resource details section includes keywords, status, version, and an info page link. The "Contain Services" section lists a "Taverna service". The "Temporal extent" section shows creation and publication dates. The "Source" and "Provided by" sections both feature the LifeWatch ERIC logo. The "Updated" section shows the resource was updated 2 months ago.

1. Click on the name of the resource to publish from the resource list
2. Click on Manage record
2. Publish

Once published, the created resource is visible to the public users and listed among the “last recent” records of the catalogue.

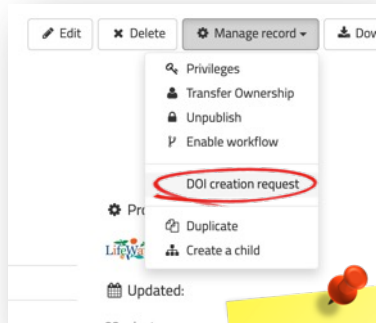
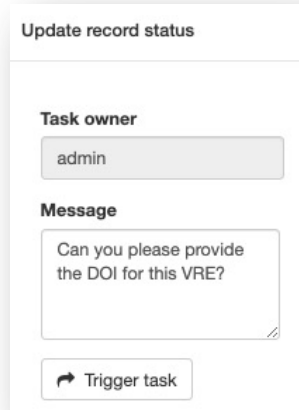


LifeWatch ERIC Metadata Catalogue

7. How to request a DOI for a resource?

DOI is created on demand. It means that a user must ask for creation of a DOI for a specific resource.

1. Manage record
2. DOI creation request
3. Specify an optional message
4. Trigger the task


6. After submission, the administrator is notified by email and will manage the request

LifeWatch ERIC Metadata Catalogue

7. How to request a DOI for a resource?

Once the admin will receive the request, the DOI creation process will start:

1. **pre-conditions checking:** DataCite mandatory fields have to be specified (Creator individual name, Creator organization name; Resource Title; Publication Year)
2. **existence checking:** check if a DOI already exists, otherwise it is possible to create a DOI that will be automatically added to the metadata record
3. **internal validation step:** the admin will go through an internal validation step that will analyse the record in order to decide if all required metadata have been correctly specified
4. **DOI creation:** the DOI is created with DataCite and it is in “Findable” status. This means that the DOI will be indexed into DataCite Search (<https://search.datacite.org>) within 15 minutes after its creation.

