ATTIVITA' IN CORSO & PRIORITA' STRATEGICHE

CENTRO TEMATICO INTERAZIONI

Ilaria Rosati, Caterina Bergami, Alessandra Pugnetti, Alberto Basset

CONFERENZA ANNUALE LIFEWATCH ITALIA
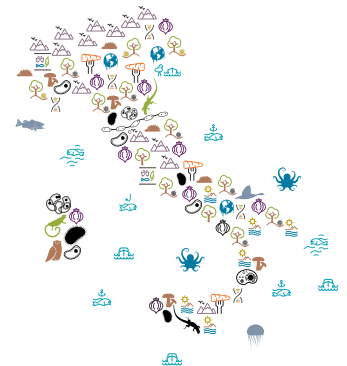**Biblioteca della Accademia Nazionale delle Scienze**
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CENTRO TEMATICO INTERAZIONI

MISSION

- The Interactions Thematic Centre aims to integrate the data resources required to study the responses of **interacting individuals**, **populations** and **species** and analyse the mechanisms underlying **biodiversity organisation**.

- With this aim, the Thematic Centre produces tools and services to standardise, integrate and analyse data on inter-individual interactions at the scale (grain and extent) required.

LifeWatch
ITALIA

ONGOING ACTIVITIES

LIFEWATCH DATA PORTAL

LifeWatch
e-Science European Infrastructure
for Biodiversity and Ecosystem Research

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LifeWatch
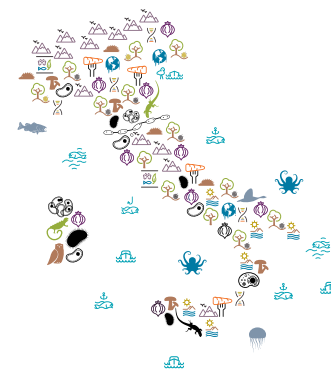e-Science European Infrastructure
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ONGOING ACTIVITIES

LIFEWATCH THESAURI

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Problem

Large amounts of relevant data…

.….highly _heterogeneous_ (format, content, semantics)

Heterogeneity impedes:

- **Data Discovery**
- **Data Integration**
- **Data Re-usability**

What do we need?

- **Harmonization**
- **Standardization**

in order to share information and to support and facilitate the research in this field

Solution

How can we do it?

Data

+

Concepts

=

Semantic Annotation