

What is DEIMS?

A web-enabled, easy to use database to store, edit and sharing data and information about your biological and ecological research.

Who is using DEIMS?

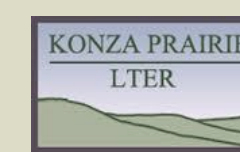
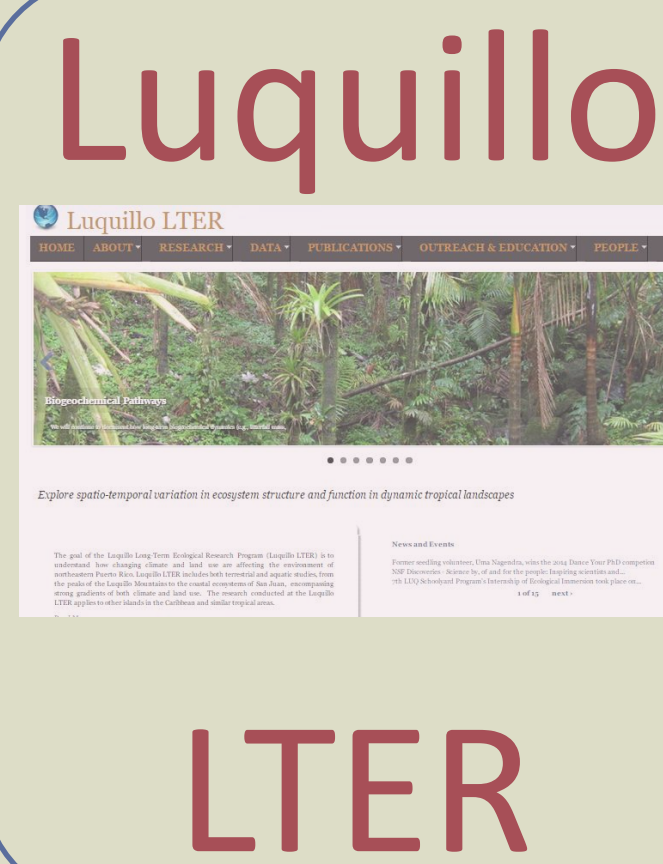
Seven US-LTER sites, ILTER, Europe LTER, the Univ. of Michigan Biological Station, groups in the US-Federal gov. (ORNL), state government (California) and others.

How do I get help?

Help is a click away. DEIMS is based on a leading, open source Content Management System (Drupal) that posts free and vast documentation. DEIMS has a project page at <http://drupal.org/project/deims>

We also hold Live! Hangouts, write blogs , journal articles where you will find DEIMS resources. Keep in touch with this mailing list <https://groups.google.com/forum/#!forum/deims>

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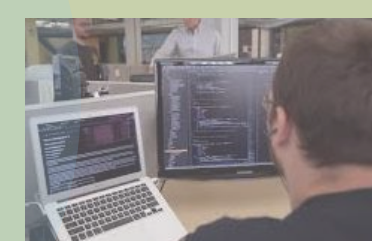
Deims

Drupal Ecological Information Management System



The Problem DEIMS solves

A functional IT team consists of system administrators, programmers, Database administrators, GIS specialists, Web designers, content strategists, project managers and science liasion. Most research groups lack of such teams. The DEIMS partnerships allows us to build a multi-IT-disciplinary team that usually as individual groups or sites we cannot even dream of. JOIN US



Sustainable



A DEIMS Timeline



Summary

The Drupal Ecological Information Management System (DEIMS) is an all-in-one information management system for your group. Use the DEIMS web-forms to document your data, publications, files, images, and personnel profiles. Create dynamic maps from metadata spatial documentation. DEIMS automatically generates a data catalog from the documentation you enter. DEIMS produces EML, ISO, BDP and Schema.org metadata formats. DEIMS also comes with a Data Explorer that connects to existing databases to expose and query your data holdings.

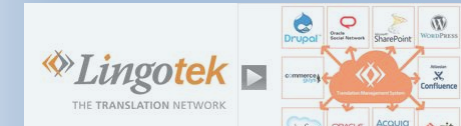
How can you get involved

Use DEIMS. File bug reports, feature requests (in drupal.org/project/deims). Fork DEIMS in Github, improve it. Funding: **DEIMS is free, gratis.** Money helps develop it faster: help with proposals, letters and other efforts.

1,127,769 people in 229 countries speaking 181 languages power Drupal, the DEIMS engine

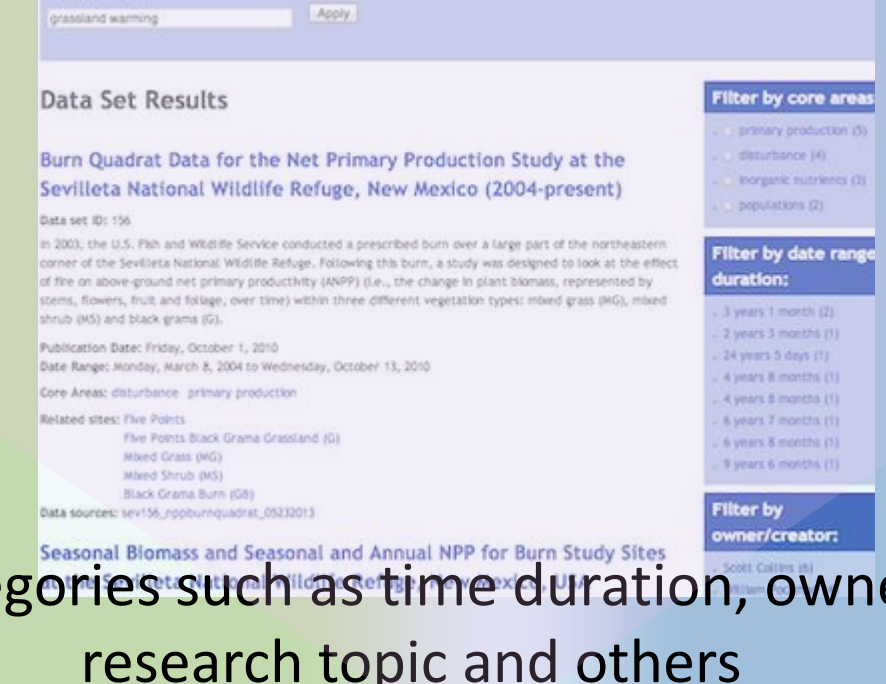


DEIMS uses the **free** Lingotek extension to offer your site in multiple languages



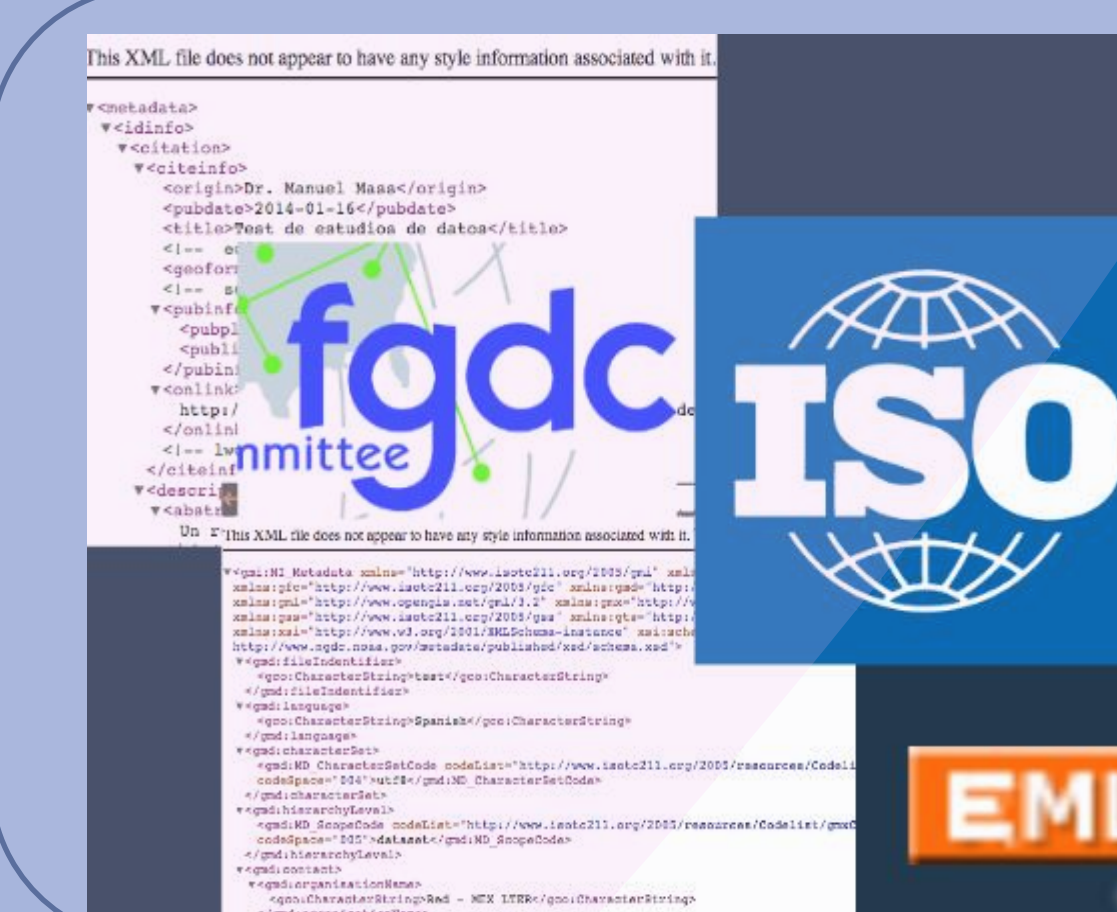
DEIMS is configurable to use free automatic translations

The DEIMS Faceted Search allows you to narrow down data searches using



DEIMS interoperability

The DEIMS Data Explorer allows you to connect to external databases and create Query pages like this automatically based on the metadata you entered.



Yes, DEIMS offers webservice, Including EML, BDP, ISO, RSS and Schema.org. Any dataset entered using the DEIMS user friendly forms is automatically offered in all these different webservices.

Yes, DEIMS consumes LTER Services. Deims ensures you can select LTER-unit-registry approved units, avoiding multiplicity of units and input errors, it consumes the JSON service at <http://unit.lternet.edu> DEIMS also offers a snapshot of the LTER Controlled Vocabulary to help tag data and information with a known set of terms. DEIMS also offers other set of terms to classify and structure your Information Management System

The data, publications, personnel, metadata, units, projects, maps, files, images, videos are all interconnected resources that need to be contextualized in the information system to offer for optimal use. DEIMS connects these resource with the relational database that powers Drupal without you realizing you had a database, or a file server, or the help of thousands of programmers from the vibrant and diverse Drupal community.

