

TELLING THE CSA ILLUSTRATA STORY

SCHOLARLY PUBLISHING EXPLODES

- Shift to electronic delivery of information
- There are more than 24,000* peer-reviewed journals
- These contain more than 5 million articles annually
- More and more articles are available in digital formats

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"I wanted to update a study I did a few years ago..."

VALUABLE DATA EMBEDDED DEEPLY IN JOURNAL CONTENT

- Figures and tables represent the distilled essence of research — the closest thing to raw datasets
- Scientists often assemble illustrations first then write the article as a narrative

...I was searching for tables showing temperature changes in the Ligurian sea...

CURRENT SEARCH EXPERIENCE

- Tables and Figures are often invisible using traditional article-level and full-text searching
- Searching for information contained in specific tables and figures often results in false hits because information in tables is not necessarily indexed or captured in full text searching
- Researchers have to browse a large result set to find the data they need
- Searching for a specific type of table or figure is difficult

...I conducted a search and received a lot of unrelated false hits...

CSA ILLUSTRATA SOLVES THE PROBLEM

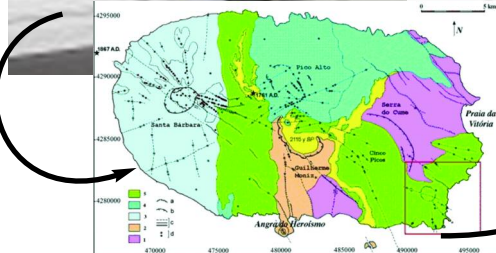
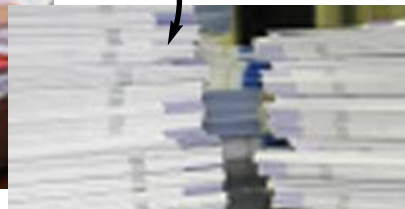
- Indexed resource of scientific tables and figures
- Extraction of critical data and information within and surrounding each table or figure (including full caption) to provide indexing
- Direct links that provide access to the article abstracts or full-text
- Searchable for type of illustration (e.g. graph, map, photograph, table)

...so I looked it up using CSA Illustrata: Natural Sciences...

NEW SEARCH EXPERIENCE

- Researchers get access to the data they need
- They are effectively led to the original table/figure and text surrounding it
- They can use the work of others as models for presenting their own data
- They can use the table/figure they find for teaching, presenting, or inspiring future research

...and it helped me complete the research for my next article and suggested a new area to explore!"



Montesinos, F. G., Canacho, A. G., Nunes, J. C., Oliveira, C. S., & Vieira, R. (2003). A 3-D gravity model for a volcanic crater in Terceira Island (Azores) [Figure 2]. *Geophysical Journal International*, 154, 393-408.
 Publisher: Blackwell Publishing Ltd.

Database: CSA Illustrata: Natural Sciences

Title: Active foreland deformation evidenced by shallow folds and faults affecting late Quaternary shelf-slope deposits (Adriatic Sea, Italy)

Author: Ridente, Domenico; Tmcardi, Fabio

Affiliation: Domenico Ridente, ISMAR (CNR), Sede di Bologna - Geologia Marina, via Gobetti 101, 40129, Bologna, Italy, domenico.ridente@isimar.cnr.it

Source: Basin Research [Basin Res.] Vol. 18, no. 2, pp. 171-198, Jun 2006.

Objects:

- Figure 1
- Figure 2
- Figure 3
- Figure 4
- Figure 5
- Figure 6
- Figure 7
- Figure 8
- Figure 9
- Figure 10
- Figure 11
- Figure 12

Abstract: A succession of glacial-interglacial western Adriatic

