



Comments on cost of content

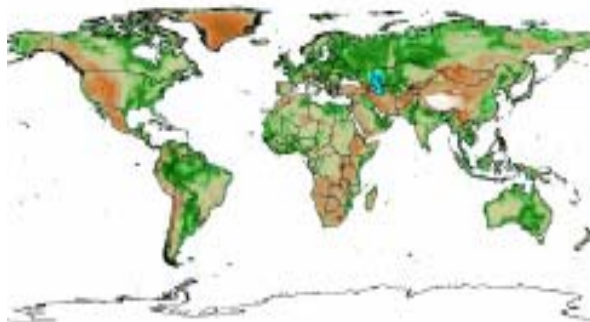
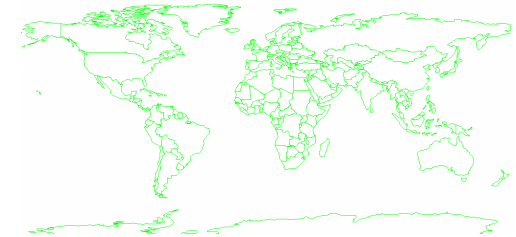
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Global Framework Data

- Digital Chart of the World
- GTOPO30
- ESRI Data and Maps
- Earth images e.g. WorldSat



Services and standards

- Open GIS Consortium
- Digital Earth projects
- Clearinghouses
 - Geography Network
 - ECAI



ECAI Clearinghouse



1. Draw search area with 



2. Use the time bar to select a time frame for the search




3. Word search





4.






The **Electronic Cultural Atlas Initiative** (ECAI) is an international develop and distribute digital data on historical and archaeological. Interested in contributing to ECAI? [Find out more](#)
















[Login](#) to register datasets to the clearinghouse

ECAI Clearinghouse Search Results

To draw a map:
with: click the map  button next to a MapSpace,
or: select datasets and click the "Make Map" button.

www = website | **ms** = MapSpace file | **Dataset name** = information on dataset / obtain password
 = password required |  = time-enabled |  = link-enabled |  = ECAI publication

 = Framework - global |  = Framework - regional |  = Framework - local
 = ECAI rated dataset |  = WorkInProgress

-   189: **Worldwide 1km Digital Elevation Model**
 Served by Based on USGS SRTM30 DEM
 Owned by Ian R. Johnson ijohnson@ed.arts.usyd.edu.au
 Framework - global
-   190: **Countries of the World (Low-Res)**
 Served by Archaeological Computing Laboratory
 Owned by Master User johnson@acl.archaeology.usyd.edu.au
 n/a, n/a, Framework - global
-   193: **Countries of the World (Medium-Res)**
 Served by Archaeological Computing Laboratory
 Owned by Master User johnson@acl.archaeology.usyd.edu.au
 World, Modern, Framework - global
-   194: **USA Country outline (low res. world data)**
 Served by Archaeological Computing Laboratory, University of Sydney
 Owned by Ian R. Johnson ijohnson@ed.arts.usyd.edu.au
 Framework - regional
-    196: **Countries of the World (Hi-Res)**
 Served by Archaeological Computing Laboratory
 Owned by Master User johnson@acl.archaeology.usyd.edu.au
 World, World, Framework - global
-    197: **Cities of the World**
 Served by Archaeological Computing Laboratory
 Owned by Ian R. Johnson ijohnson@ed.arts.usyd.edu.au
 Framework - global
-  251: **Hours of the World (Low Res)**
 Served by Archaeological Computing Laboratory, University of Sydney
 Owned by Master User johnson@acl.archaeology.usyd.edu.au
 Modern, Not yet rated

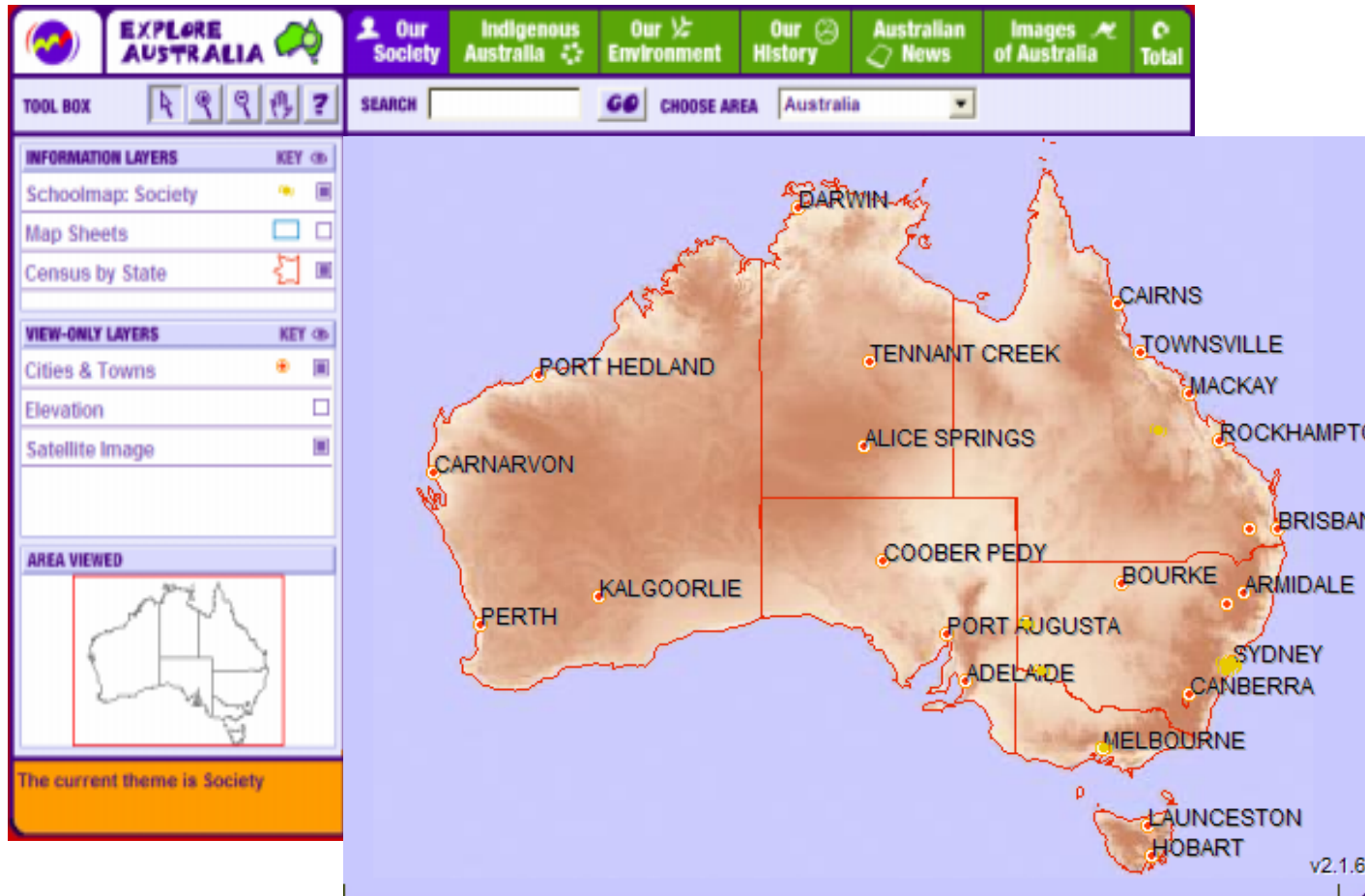


Regional

- National/state mapping agencies
 - 250K, 100K, maybe 25K
 - Raster maps
 - Vector data
 - Elevation data
 - Cadastral
- Satellite images



Regional



The screenshot shows the 'EXPLORE AUSTRALIA' web application. The top navigation bar includes tabs for 'Our Society', 'Indigenous Australia', 'Our Environment', 'Our History', 'Australian News', 'Images of Australia', and 'Total'. Below this is a 'TOOL BOX' with navigation icons and a search bar containing the text 'Australia'. The main map area displays a topographic map of Australia with numerous cities and towns labeled, including Darwin, Cairns, Townsville, Mackay, Rockhampton, Brisbane, Armidale, Sydney, Canberra, Melbourne, Adelaide, Perth, and Hobart. On the left side, there are two sections: 'INFORMATION LAYERS' and 'VIEW-ONLY LAYERS'. The 'INFORMATION LAYERS' section includes 'Schoolmap: Society' (checked), 'Map Sheets' (unchecked), and 'Census by State' (checked). The 'VIEW-ONLY LAYERS' section includes 'Cities & Towns' (checked), 'Elevation' (unchecked), and 'Satellite Image' (checked). Below these sections is an 'AREA VIEWED' section with a small map of Australia showing the current view area. At the bottom left, a status bar indicates 'The current theme is Society'. The version number 'v2.1.6' is visible in the bottom right corner of the map area.

Local

- Cadastral, city, or development plans
- Aerial photography
- Historical maps
- Do it yourself
 - Surveying
 - GPS



Delivery - vector

- Positives
 - Flexible/easily repurposed
 - Data can be attached
 - Can be served incrementally
- Negatives
 - Generalisation difficulties
 - Visual presentation

Delivery - raster

- Controlled visual backdrops
 - Can be overpowering
 - Make your own:
WYMIWYG
Solves copyright
 - Serve incrementally
 - e.g. MrSID, ECW
 - BUT requires server (expensive)



Example