Developing concepts and methods for a digital cultural atlas

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So what is a DCA/ECA?

- Digital Cultural Atlas
- Electronic Cultural Atlas

Digital delivery
Interactive
Map-based
Cultural data
Why digital?

- Rich data
- Link resources
- Interactivity
- Manipulation
- Delivery
- Participation
Cultural data

- Not just historical …
  - Contemporary
    - Information for individuals and community
  - Future
    - Information for planners
Cultural assets database
Digital Cultural Atlas of Greater Western Sydney

What is a Digital Cultural Atlas?

Geography and time offer untapped opportunities for indexing and presenting cultural information, ranging from historical data through present-day cultural resources to cultural planning for the future. Widespread connectivity and access to personal computers allows this information to be delivered more effectively through interactive time-based maps and map animation. This pilot web site explores these new possibilities, presents a pilot application and sets targets for ongoing research into digital collection and delivery of cultural information.

TimeLine

- The Past
  The early history of western Sydney
- Yesterday
  20th century history and population statistics
- Today
  Cultural resources for the contemporary community
- Tomorrow
  Cultural planning and urban growth

Uses

- Cultural Planning
- Historical Studies
  Animations of the growth of Sydney
- Education
- General Interest

The Project

The aims of the pilot project, partners in development and techniques employed.

- Aims of the project
- Partners

Resource database

Interactive web-accessible data warehouse for Greater Western Sydney. The warehouse allows data collection and update through the WWW.

- Technical description
- Access the database
MacquarieNet
Time
Khmer Empire animation
Issues

- Explicit definitions
- Complexity
- New paradigm
- Costs
- Bandwidth
- Persistence
Where next?

- Why limit to 2D?