



AURIN: Streamlining Decision-Making with Spatial Data

As our towns and cities face the challenges of growing sustainably, urban experts must consider a range of issues. Urban systems are complex and understanding how they function is critical for their future development.

The Australian Urban Research Infrastructure Network (AURIN) is a national resource for researchers, policy and decision-makers.

AURIN provides a secure and powerful digital environment that serves to connect all levels of government, academia and researchers together through streamlined connections to meaningful repositories of data and information.

Researchers across Australia are using AURIN, accessing research-ready data on issues surrounding health and wellbeing, socio-economic metrics, transportation, and utilising over 100 analytical tools in our AURIN Portal, designed by experts for the spatial research community. These tools cover a range of applications, assisting in a range of possible analysis such as neighborhood walkability, industry clustering, scenario modelling and statistical analysis. Users of our Portal are also able to upload their own data securely into their personal workspace, "MyAURIN." Combining a researchers own data with the 1500+ datasets available through AURIN opens limitless possibilities for research.

Data acquisition can be time-consuming, costly and prone to delays. To add to this, accessing spatial data online can require specialized tools and skills. By accessing data through the AURIN portal a user has instant access to licensed data that is quick to retrieve and explore in an easy to use geospatial environment.

AURIN offers a suite of training options directed at postgraduate students, researchers and government professionals- including workshops to help users become familiar with using the system and then develop their geospatial mapping skills in a supportive environment.

Accessing the system is free- anyone with an edu.au email address can log in with their existing credentials- and members of the gov.au community can set up their securitized cloud-based account at <http://aurin.org.au/signup/>

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