Spatial Information Challenge: How might Queenslanders find out more about where they live?

data.qld.gov.au

- The Queensland Government manages and publishes a large amount of spatial and non-spatial data at property, locality and local government area level but how might a member of the public quickly and easily find and interact with information about their specific area of interest.

- Any solution must be able to be applied state-wide, not just to a single local government area or a single region, and allow the user to easily find and interact with the data.

- Consider potential users in Cairns, Longreach or Ipswich, all have some interest in learning more about their area including; property information, disaster management, vegetation, water, mining or history of the area.

What is your solution?

We strongly recommend using the Queensland Government open datasets on data.qld.gov.au **and spatial web services on** QSpatial**.** A list of useful open datasets and resources is on the following page.

https://data.qld.gov.au/article/news-and-events/govhack-2019-challenges/spatial-information

Guidance to help you prepare your GovHack project video to pitch your solution (3 minutes):

1. **Introduction:** state the project title, team name and members.

2. **Problem:** what is the challenge your hack addressed? Why does it matter to find a solution?

3. **Vision:** in one sentence, describe the ideal end state / long-term goal you are trying to achieve through your solution.

4. **Data/resources:** what was your approach to solve the problem? How did you investigate the problem? Provide an overview of the open data and information used and how it helped you to develop your solution.

5. **Minimum viable product:** describe your solution (proof of concept). What makes the solution unique? What would be the impact of the solution?

6. **Next steps:** outline a road map on how the solution could be developed and implemented to achieve your vision.

+ **For more tips see the** GovHack handbook

data.qld.gov.au

Queensland Government

Locating open data

Queensland Government open data is accessible at data.qld.gov.au. Search for other government open data at qldspatial.information.qld.gov.au, data.gov.au and local government websites.

Below is a list of open datasets and resources, we strongly recommend you use one or more of these for this challenge.

Open datasets

Either click on a link below or search for the dataset on data.qld.gov.au

1. Place names gazetteer - Queensland
2. Property address Queensland -Text data package
3. Queensland floodplain assessment overlay
4. Landmark areas - Queensland
5. Key resource areas - Queensland series
6. Groundwater Database - Queensland

Open spatial web services
1. Queensland city and town web map service
2. Queensland Land Parcel Property Framework web map service
3. Queensland resources web map service
4. Queensland mines permits current web map service
5. Queensland Imagery Whole Of State Satellite public basemap service
6. Queensland vegetation management web map service
7. Queensland watercourse and water area cached web map service
8. Queensland road and street cached web map service
9. Land Use Mapping - Current - Web Service