



NSW Flood Data Access Program

www.ses.nsw.gov.au

NSW Flood Data Access Program



- Joint partnership with NSW Office of Environment & Heritage
- 2 main initiatives
 - NSW Flood Data Portal
 - NSW Flood Database
- Program aims to improve the sharing of key flood data within Government and to other stakeholders

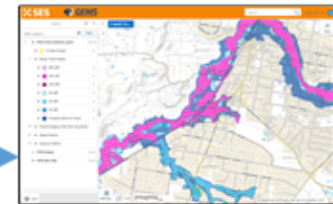
NSW Flood Data Access Program

NSW Flood Data Access Program

NSW Flood Data Portal



NSW Flood Database



Search for a Flood Project on the NSW Flood Data Portal

e.g. Location, LGA, study type or keyword etc.



Popular Tags:

flood study

hydraulic model

hydrologic model

NSW Flood Data Portal Statistics

399 **488** **137**

Flood Projects

Datasets

Organisations


The NSW Flood Data Portal has been developed as a joint partnership between the NSW State Emergency Service and the NSW Office of Environment and Heritage. The portal aims to improve the sharing of key flood data within government and to other stakeholders so that this information is more broadly available to be considered in decision making.

Search Spatially for a Flood Project



Map data © OpenStreetMap contributors Tiles by MapBox

 Draw an Extent box

 Enter coordinates

Select a location extent by:

- Drawing an extent box, or
- Enter the latitude and longitude coordinates.

Cancel

Apply and Search

NSW Flood Data Portal

NSW Flood Data Portal

- Each Council has been setup as a separate Organisation
- Councils have control over access to reports and their associated data, uploaded for their Organisation
- Contact emails for each Council have been sourced from Council websites



Dubbo Regional Council

The Dubbo Regional Council area is now home to more than 51,000 people spread across the City of Dubbo, the main centre of Wellington and a broad rural sector stretching across... [read more](#)

- [Flood Data Portal](#)
 - ↳ [Dubbo Regional Council](#)

Followers Datasets

2

12

Flood Projects

9

Follow

Flood Projects

Datasets

Activity Stream

About

 Manage

Add Flood Project

Search Flood Projects...

GO

9 Flood Projects found

Order by: Relevance

Flood Project

Flood study

Geurie Flood Study

Completed Publication date: 16/10/2006

This report was prepared by Webb McKeown and Associates on behalf of Wellington Council and details the engineering investigations carried out to determine flood levels, flows...

Flood Project

Floodplain Risk Management Study

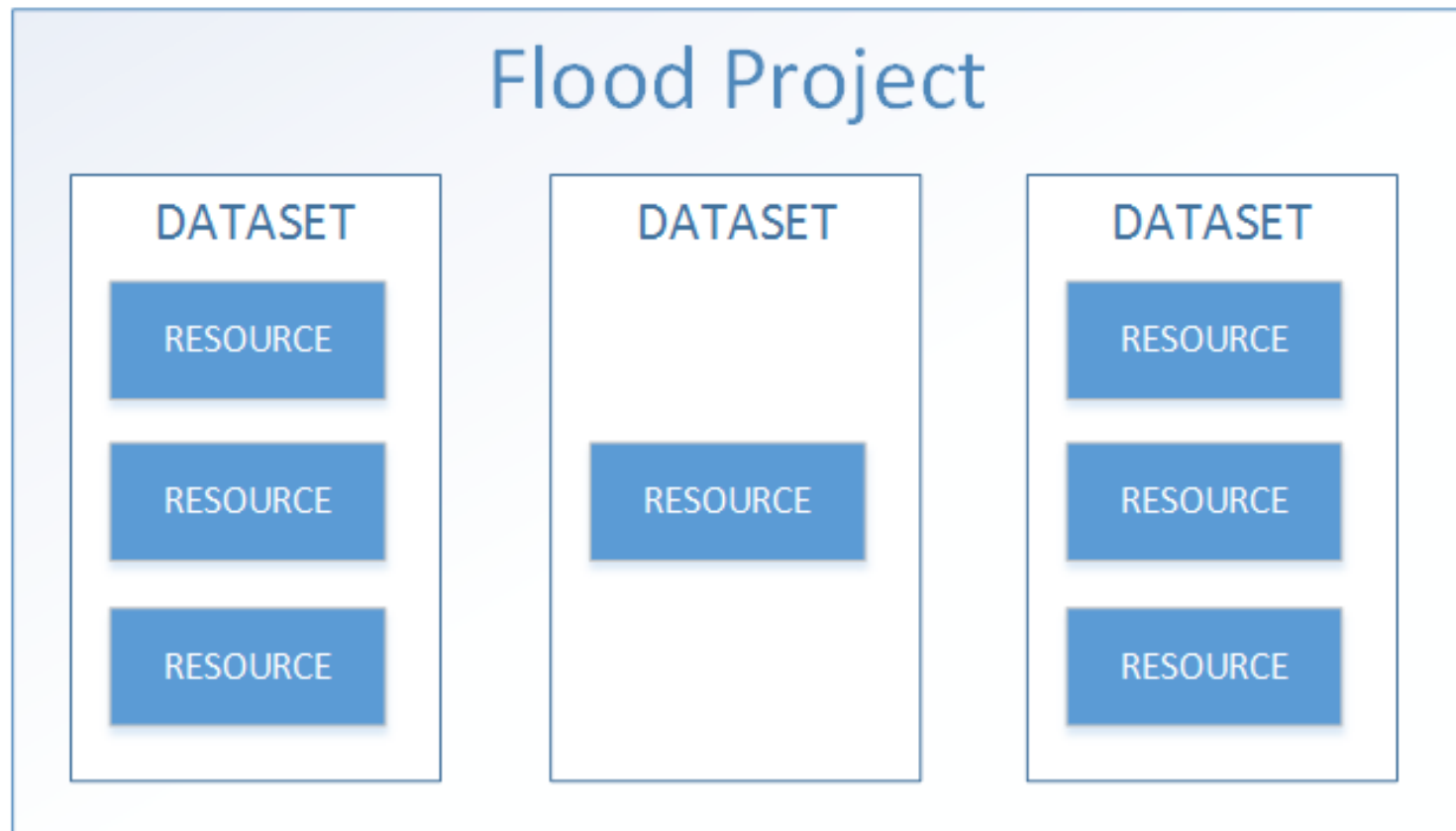
Wellington - Floodplain Risk Management Study

Completed Publication date: 01/11/2013

The Wellington Floodplain Management Study and Plan were originally prepared in 1996 by Lyall & Macoun Consulting Engineers. Wellington Council subsequently adopted the...

NSW Flood Data Portal

Flood Projects



Flood Project Datasets

Social

 Google+

 Twitter

 Facebook

Datasets

Report PDFs - all volumes

Final South Creek Flood Study

Publication date: 01/08/2010

Flood Study August 2010

 .pdf

All Other Required Data

Final South Creek Flood Study - models

Publication date: 01/08/2010

Model inputs and model results.

 .zip

Spatial flood layers (post processed layers - not direct model outputs)

Final South Creek Flood Study - GIS layers

Publication date: 01/08/2010

Spatial data only- creekline, culvert locations, RAFTS layout, sub...

 .zip

Flood Project Datasets

- Manages large file sizes
 - 100MB .pdf report to 1 TB model files
- Security to control access to:
 - Dataset metadata
 - Dataset download
- License agreement for downloads

NSW Flood Data Portal

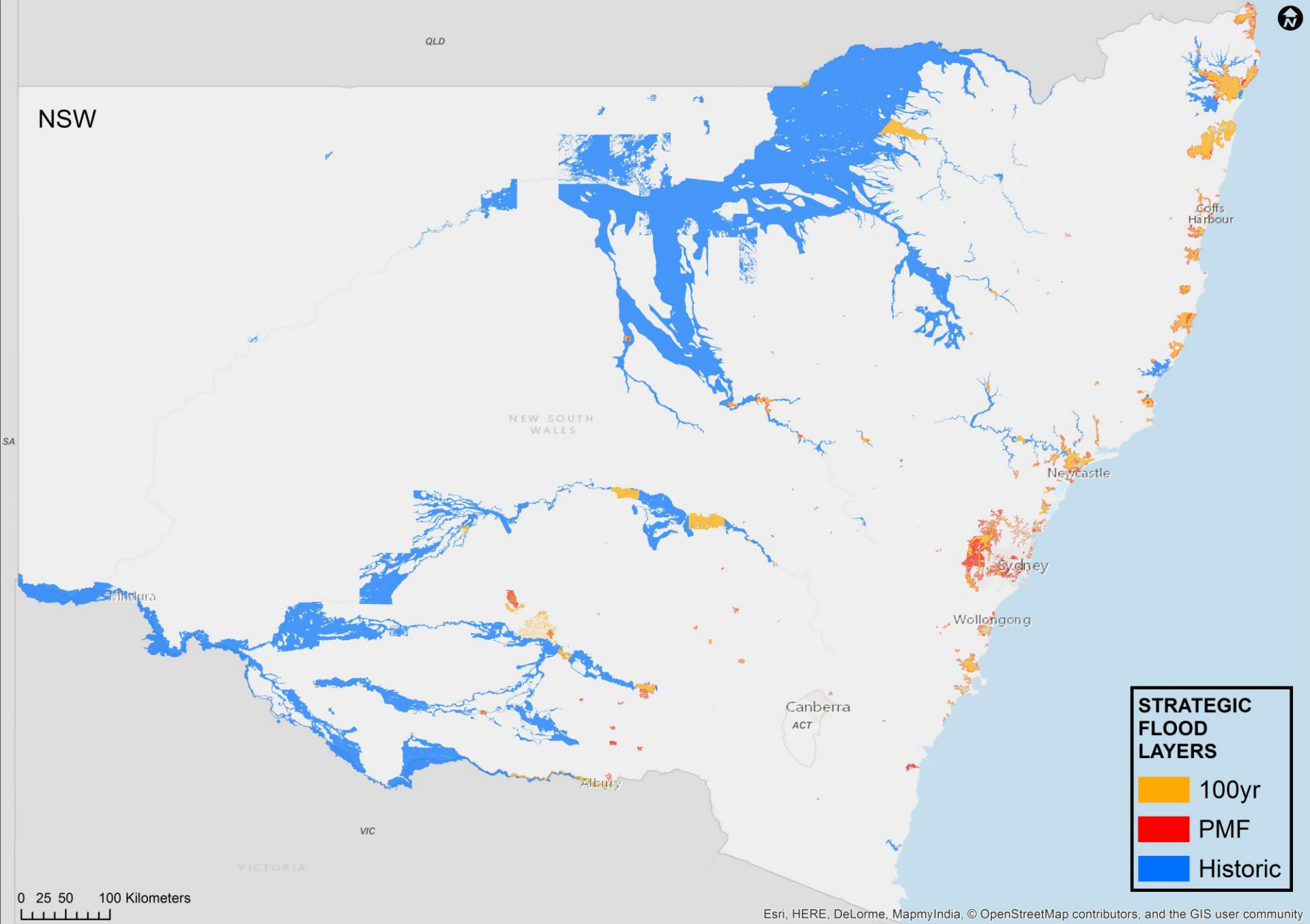
- Built on CKAN framework
- Discoverability in
 - data.nsw.gov.au and;
 - data.gov.au sites
- Limited spatial capability in the NSW Flood Data Portal

NSW Flood Database

- NSW Flood Database developed to provide a strategic picture of flooding across NSW
- Flood studies generally focus on specific locations, as opposed to flooding across catchment areas
- Schema provides a consistent data structure for this information

NSW Flood Database

- NSW State Emergency Service is the custodian for flood risk information in NSW
- Provides access to spatial layers to NSW Government agencies who require access to this information over large geographical areas
- Access to the Strategic Layers is now provided through Web Feature Services



NSW

QLD

NEW SOUTH WALES

Coffs Harbour

Newcastle

Sydney

Wollongong

Canberra
ACT

Albury

VIC

VICTORIA

**STRATEGIC
FLOOD
LAYERS**

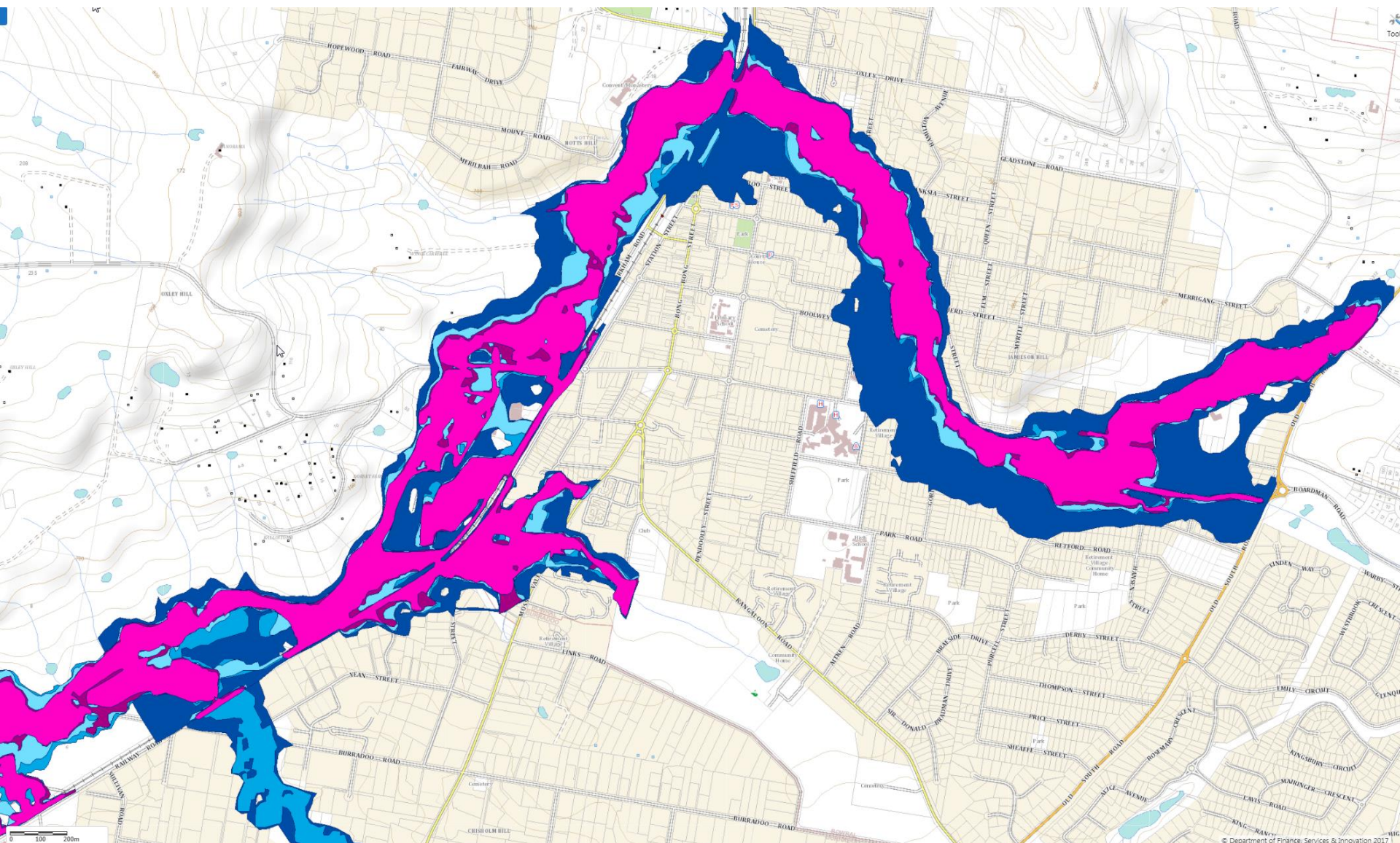
- 100yr
- PMF
- Historic

0 25 50 100 Kilometers

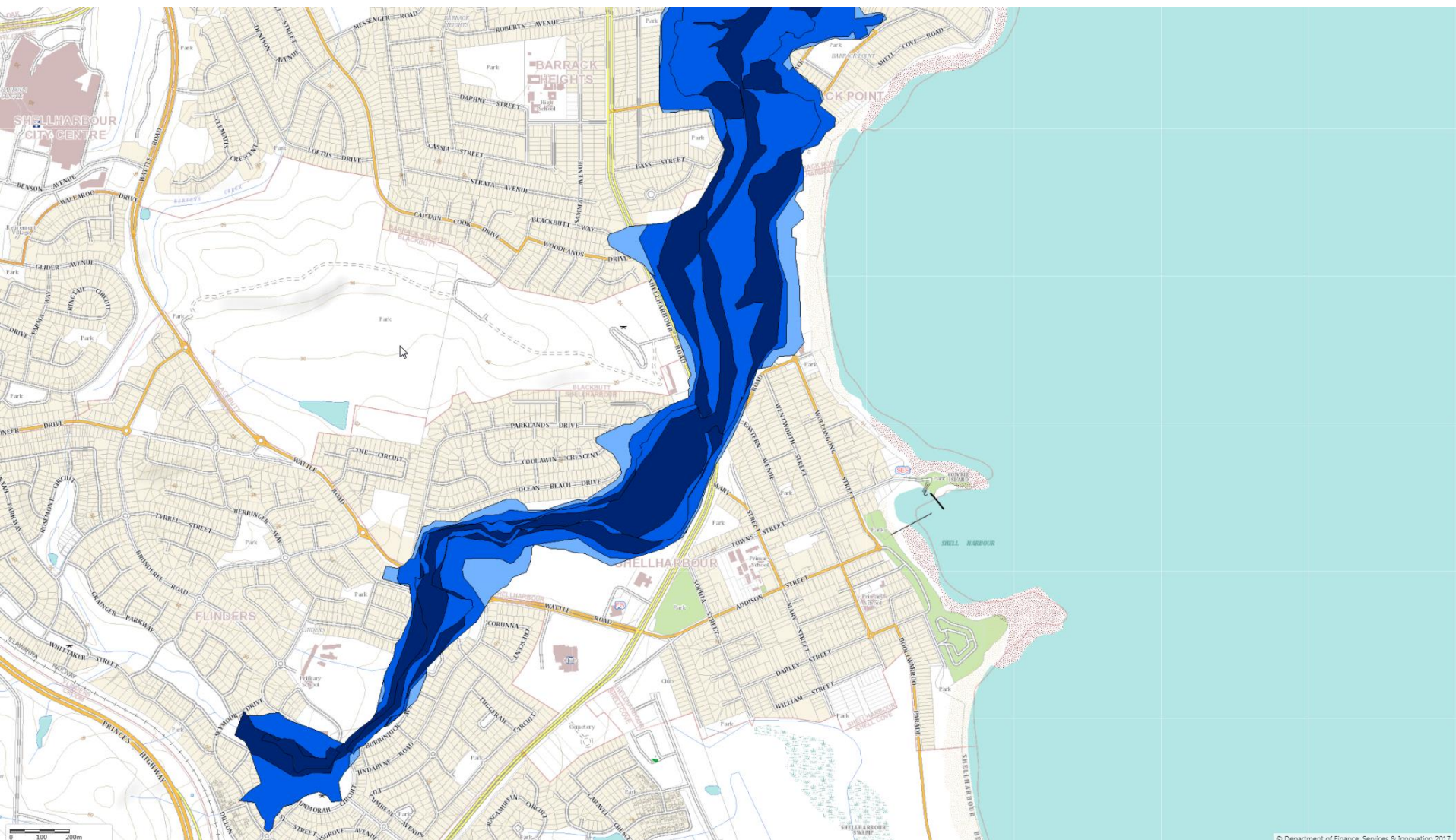
Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

www.ses.nsw.gov.au

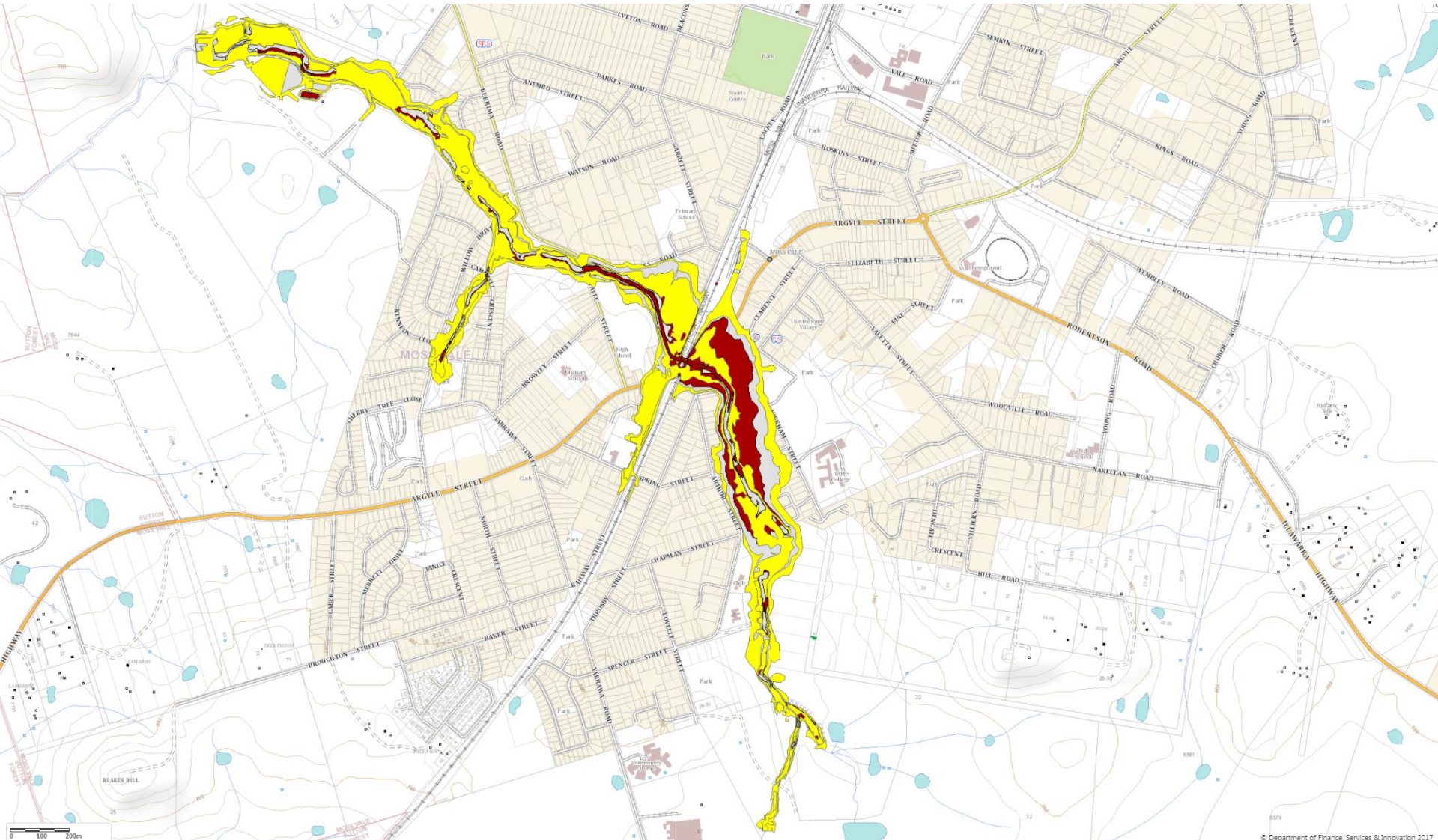
NSW Flood Database – Design Flood Layers



NSW Flood Database – Hydraulic Flood Layers



NSW Flood Database – Flood Hazard Layers



Volume 2 - Local Flood Plans

- Describe the hazard / how flooding occurs
 - Weather systems which may cause flooding
 - Locally specific characteristics of flooding
- Detail the response actions required during a flood event at particular locations

Local Flood Plan Map



Contacts

- Steph Plattner - *Geospatial Intelligence Program Coordinator*
 - stephanie.plattner@ses.nsw.gov.au
- NSW Flood Data Access Team
 - nswflooddataaccess@ses.nsw.gov.au

Questions?

