The Georges River Floodplain Management Study: a whole of Catchment Approach



64 flood studies, 250 datasets **Reviewed and collated** in searchable database showing key information

Authors:

F Dall'Osso¹, K Sanborn¹, J Theilemann¹, B Tate¹, P Grech², S Molino¹ ¹Water Technology Pty Ltd, Sydney, NSW ²GLN Planning, Sydney, NSW For enquiries contact: FDallOsso@molinostewart.com.au



Collation, prioritisation and GIS mapping of 24 FRMSPs



One-page infographicsummary for each study

Online mapping with

high priority

catchments

What data do we have?



Implementation status of approved risk reduction measures



Current and future flood damages



Guidance and tools for future studies

What are the current and future catchment-wide **Flood Risks?**



Assessed advantages and impacts of possible catchmentwide flood modification



Review of the existing statutory planning framework relevant to FRM and development assessment issues



Regional Evacuation Assessment and Mapping for Georges and Woronora rivers



Assessment of compatibility of zoned development potential with flood hazards

How can planning controls deal with climate change and urban growth?



Mapped: evacuation routes (regional and local), cut points, flood islands, bottlenecks, local evacuation destinations

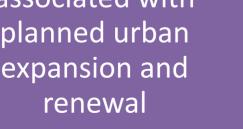


Evacuation capability

assessed and areas



Review of potential future flood risks associated with planned urban expansion and renewal





without sufficient time (or without vehicles) mapped

Produced 11 recommendations to address regional evacuation constraints





Delivered 16 planning recommendations





