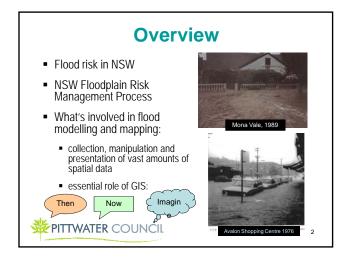
Sydney Coastal Council Group and Surveying and Spatial Sciences Institute

Sydney's Integrated Spatial Future
Customs House — The Barnet Long Room
Wednesday 9 December 2009

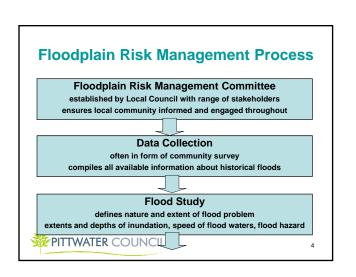
FLOODING, FLOOD MODELLING
AND FLOOD MAPPING

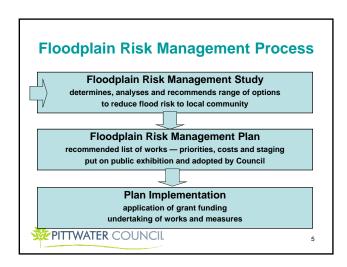
COMMUNICATION CHALLENGES

Sue Ribbons
Project Leader, Floodplain Management,
Pittwater Council





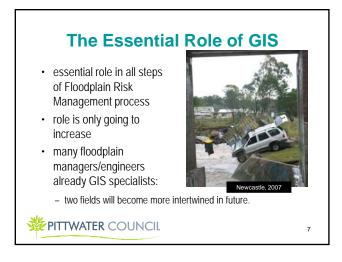


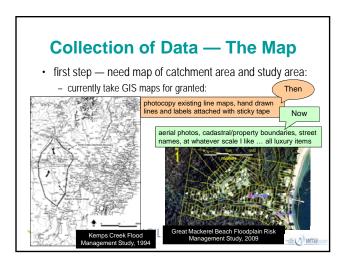


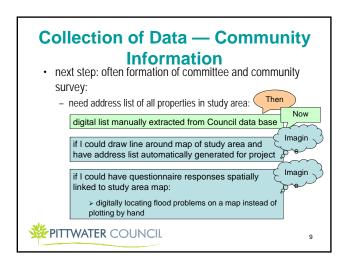


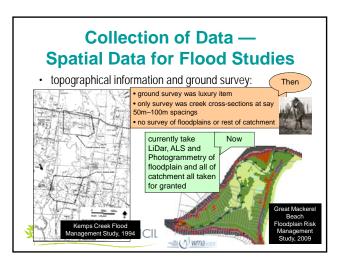
 Presentation of vast amounts of technical data to wide range of audiences including local community.



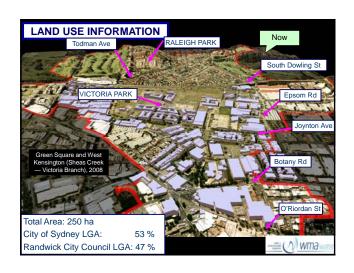


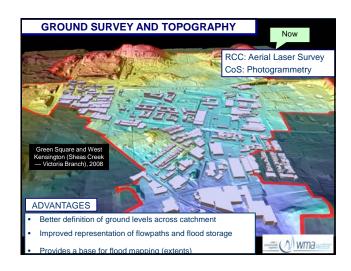


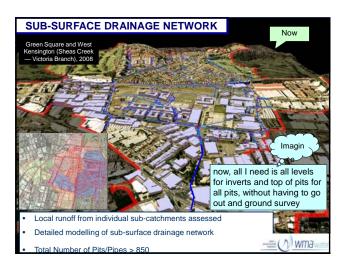














- · technical report:
 - results presented as 2D maps
- · community workshops:
 - through FloodplainManagement Committee
- need to be able to show:
 - where water goes
 - how deep water getshow fast water goes
 - which properties most at risk.





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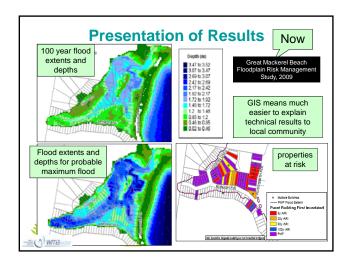
Presentation of Results

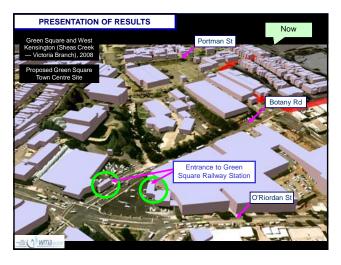
The

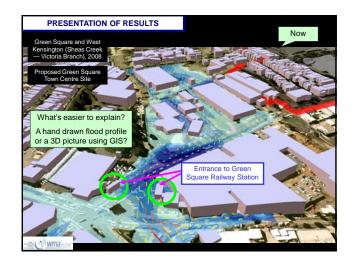
Kemps Creek Flood
Management Study, 1994

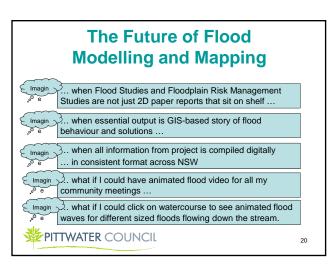
• hand drawn maps, hand drawn flood extents, hand drawn flood profiles

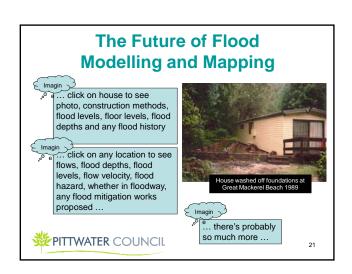
• very difficult to explain technical outcomes to local community











The Future of Flood Modelling and Mapping

- · to GIS specialists here today:
 - "Oh that's easy ... we can do that already!":
 - then we do have some communication challenges
 - we really need to start talking ... there's catching up to do
 - "Wow ... you've really laid down challenge ... how are we going to that?":
 - that's great ... we are working together towards common goal
- · Regardless ...
 - future is bright
 - real opportunity to work together now and into future.



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