



Supporting Maps

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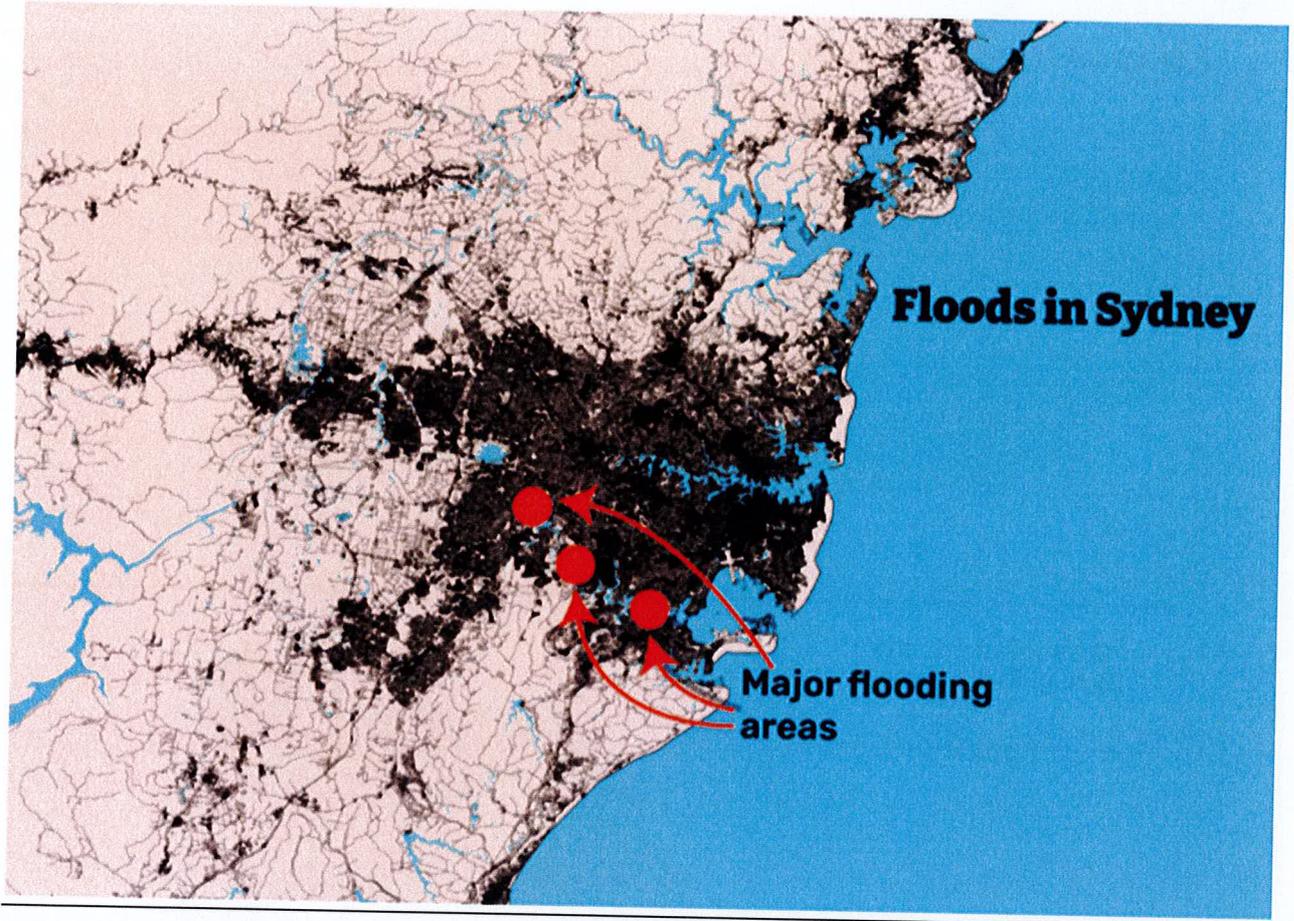


Figure 2: Low lying areas In Sydney

See location of floodplain at the yellow point in topmost red circle that falls into Gandangara's jurisdiction.

On the 30 January 2023, 37.4 mm per square meter of rainfall was recorded in just 30 minutes at weather station 66137. Thus, in just 30 minutes, 374 liters of water fell on 1 hectare of land.

A week later, while standing in water, GLALC's concerns about an approved development in the obvious floodplain was brushed aside by the developer as one of many professional opinions. The facts were trumped by the pro-development majority. The floodplain was home to critically endangered CPW and home to 17 native raptors that was clearly supported by a thriving food chain.

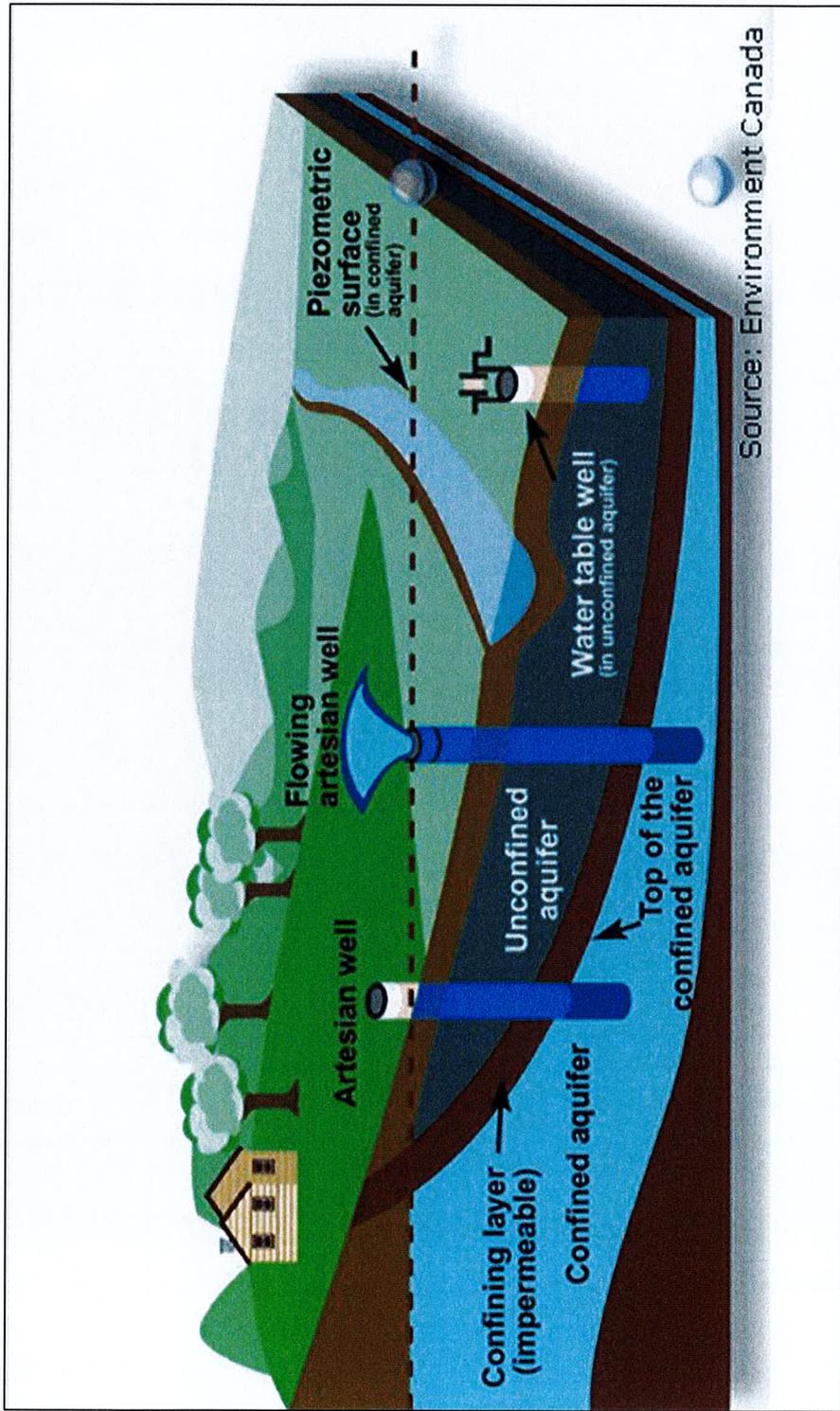


Figure 4: Catastrophic Technocentric error

Deforestation and aquifer extraction prevents the natural water scarcity remediation where trees (phreatophytes) serve the entire NSW rather than an entity that can buy water during a drought.

See the correlation between the extent of CPW and the aquifer map. Planners have not considered that the whole is greater than the sum of the parts.

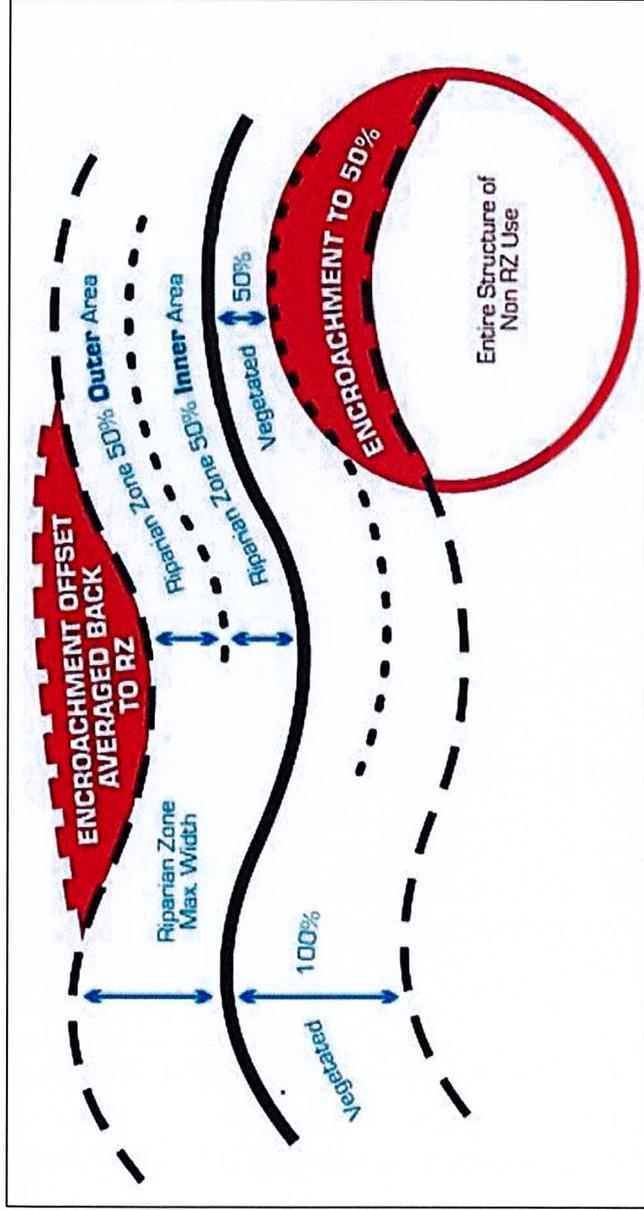


Figure 6: DPI guidelines for riparian zone management

This rationale is based on the 12 stage Strahler watercourse model. Engineers and councils accept that a 10m channel needs 2 flanking riparian zones of 10 meters each. This does not consider the Plant Community type, soils, inevitable external impacts on the riparian zones and fauna utilizing the area. If the existing green space adjacent to the creek is the remnant from a now developed greater area and is home the only habitat for displaced fauna, the developer can destroy the remaining native vegetation and only must leave 10m of riparian zone for the wildlife. Animals will eventually die due to competition and reduced bio capacity. Furthermore, the developer can encroach into the riparian zone if they make it up elsewhere. However, these formulas are not natural science laws and do not accommodate for rising water levels as more of the cryosphere melts.