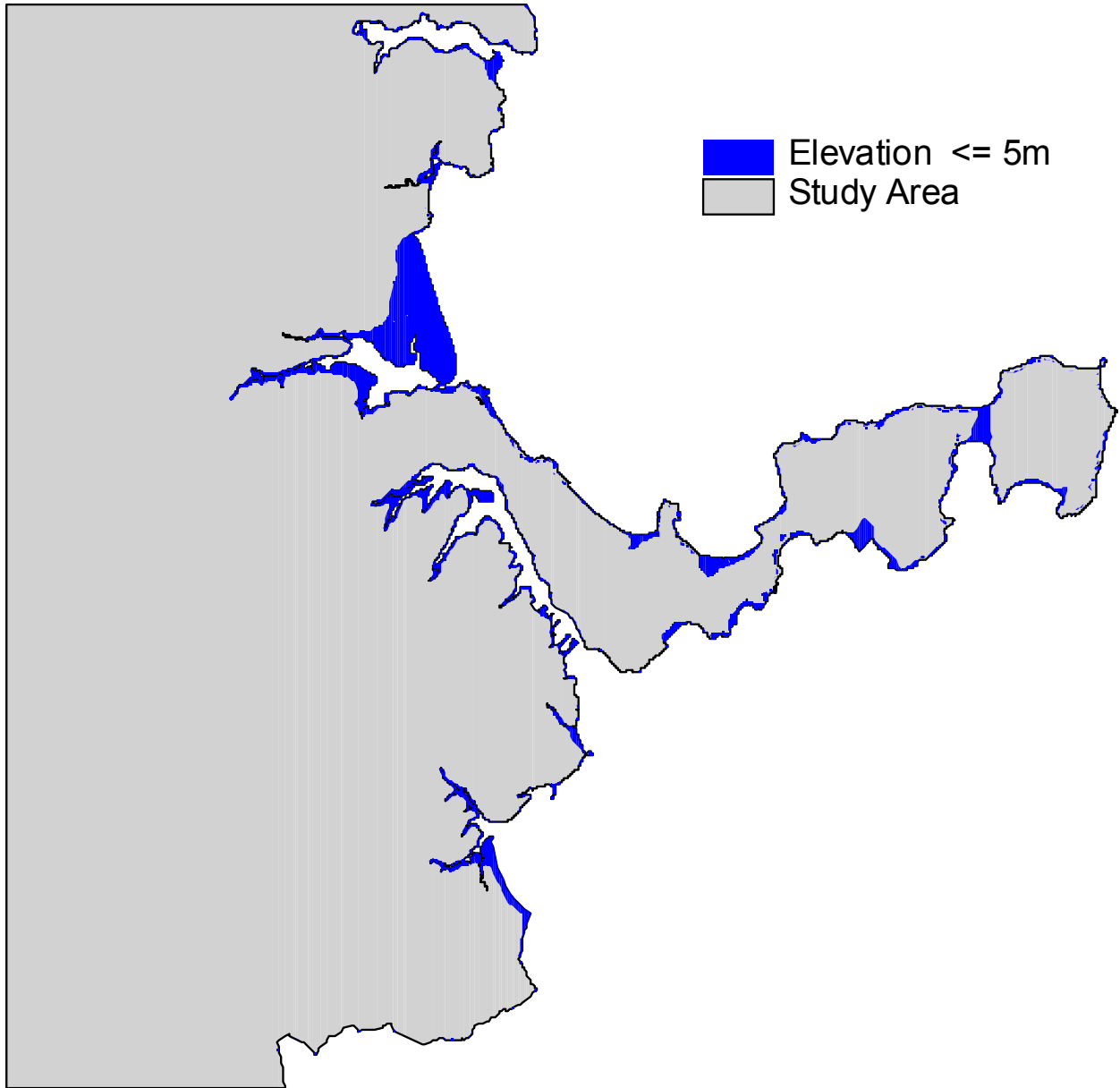
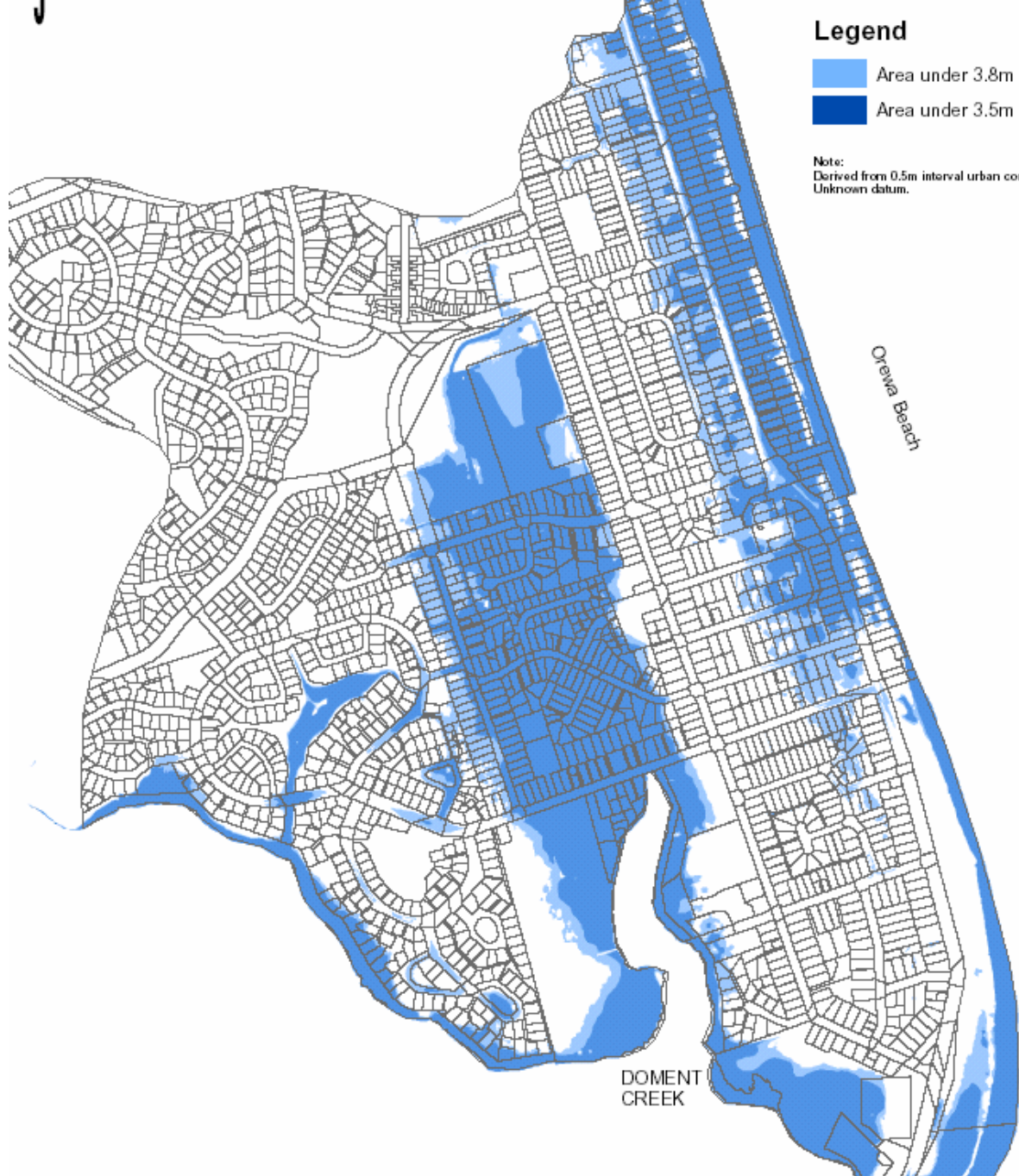


# T I D A L I N N U N D A T I O N





### Legend

- Area under 3.8m
- Area under 3.5m

Note:  
Derived from 0.5m interval urban cont  
Unknown datum.

Orewa Beach

DOMENT  
CREEK

# Other Problems

- Project Champion shifts
  - Assets & Facilities, Customer Service
- Hard to access title and consent information
  - GIS & Property files
  - Is the basement habitable?
  - Is the property S72 or 362
- Perceptions
  - Inundation not an issue
  - Property values & insurance issues
  - Property rights vs. poor rental housing stock

# Next Steps

- Assess infrastructure
  - Pump stations
  - WWTP – Waiwera, Helensville
  - Critical Assets – pipe bridges & police stations
  - Consider tide gates, stop banks
- Assess estuaries
- Assess combined runoff & inundation risk
- Guidelines for Coastal and Integrated developments
  - Car Parks
  - Gully traps
  - Building Materials

# Next Steps

- Determine when its unreasonable to grant waiver
- Go to court
- Change DP
- Change BA
- Guidance from central government

Design risk vs time

