




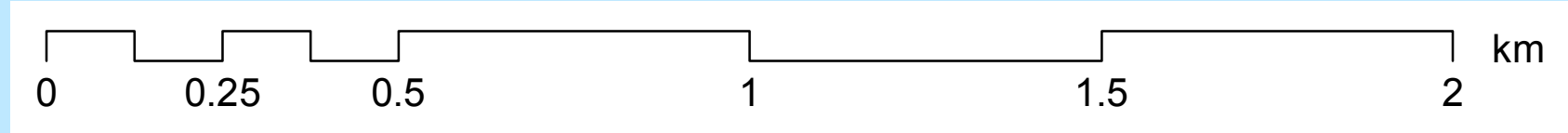
Vulnerability Map for Sea Level Rise Projections

Legend

-  Current estimated 1% AEP flood affected area
-  Anticipated additional flood affected area up to year 2050
-  Anticipated additional flood affected area between year 2050 up to year 2110

NOTES - LIMITATIONS

- This map has been produced to provide an initial indication of the areas in Wyong Shire that may be potentially impacted by Climate Change induced increases in sea level around Tuggerah Lakes System and Lake Macquarie. The sea level rise figures adopted as a basis for the mapping are taken from the NSW Government's Sea Level Rise Policy Statement adopted October 2009.
- This Map contains:
 - the current estimated 1% AEP flood affected area (100-year ARI flood level estimated at RL 2.20) based on existing data and flood studies. These studies only include expected ocean behaviour and contributing flows from the Lake sub-catchments.
 - the anticipated additional area that will be affected by flood up to the year 2050 as a result of increases in sea level.
 - the anticipated additional area that will be affected by flood between 2050 up to the year 2110 as a result of increases in sea level.
- The current information presented on this vulnerability map may under-estimate the extent of the flood affected area because the flood affected areas from the Lakes' creeks and rivers have not been included and could contribute to higher flood levels than those presented in this Map.
- The interim information presented will be updated on a regular basis when various flood studies and floodplain risk management plans for the Lakes and their waterways are updated. These studies will incorporate both the anticipated sea level rise based on the NSW Government's Sea Level Rise Policy Statement and the modelled flood affected areas taking into account the transition between river and creek flows and the Lakes.
- This Map is based on level data extracted from aerial photography and it is anticipated that mapped boundaries will have some tolerance. It is recommended that illustrated vulnerable properties on this Map should be ground truthed on a lot by lot basis to confirm the extent or validity of the presented vulnerability implications for these subject properties.



Tuggerah Lake

Tasman
Sea

Tasman
Sea