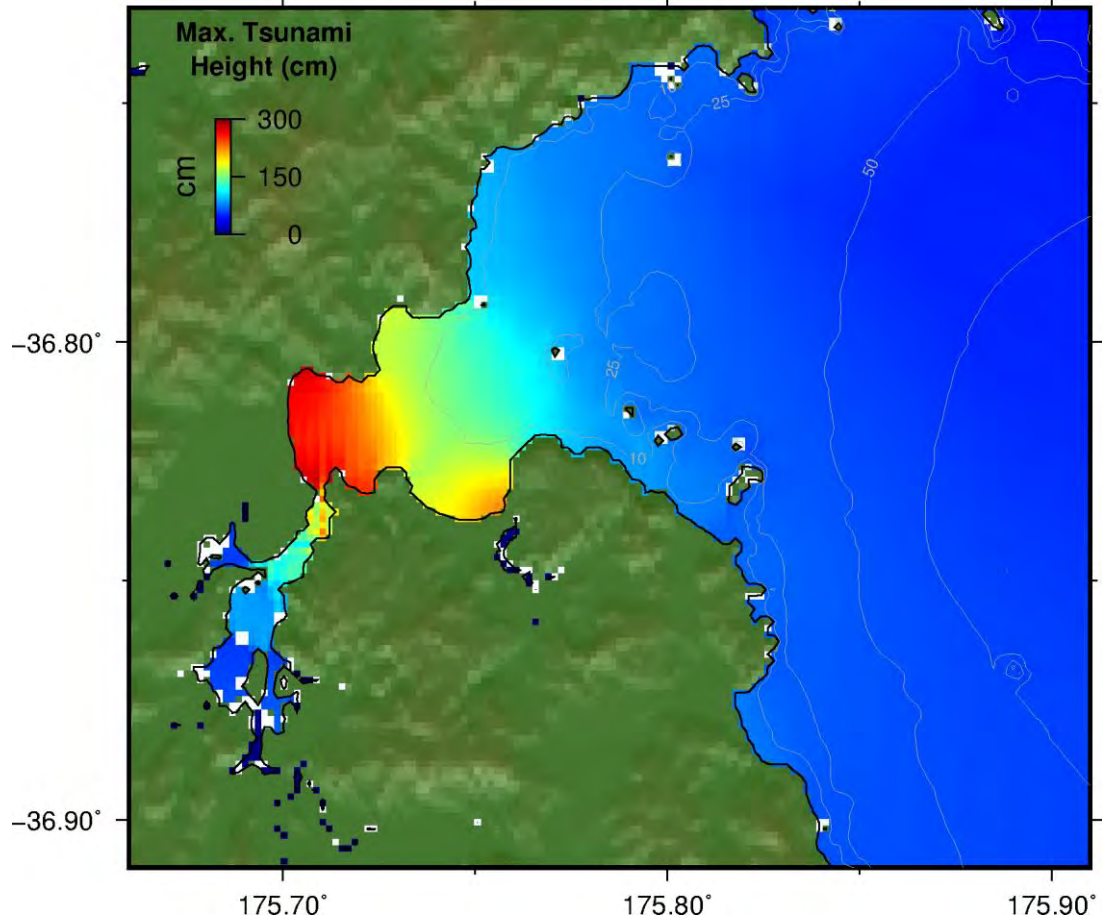
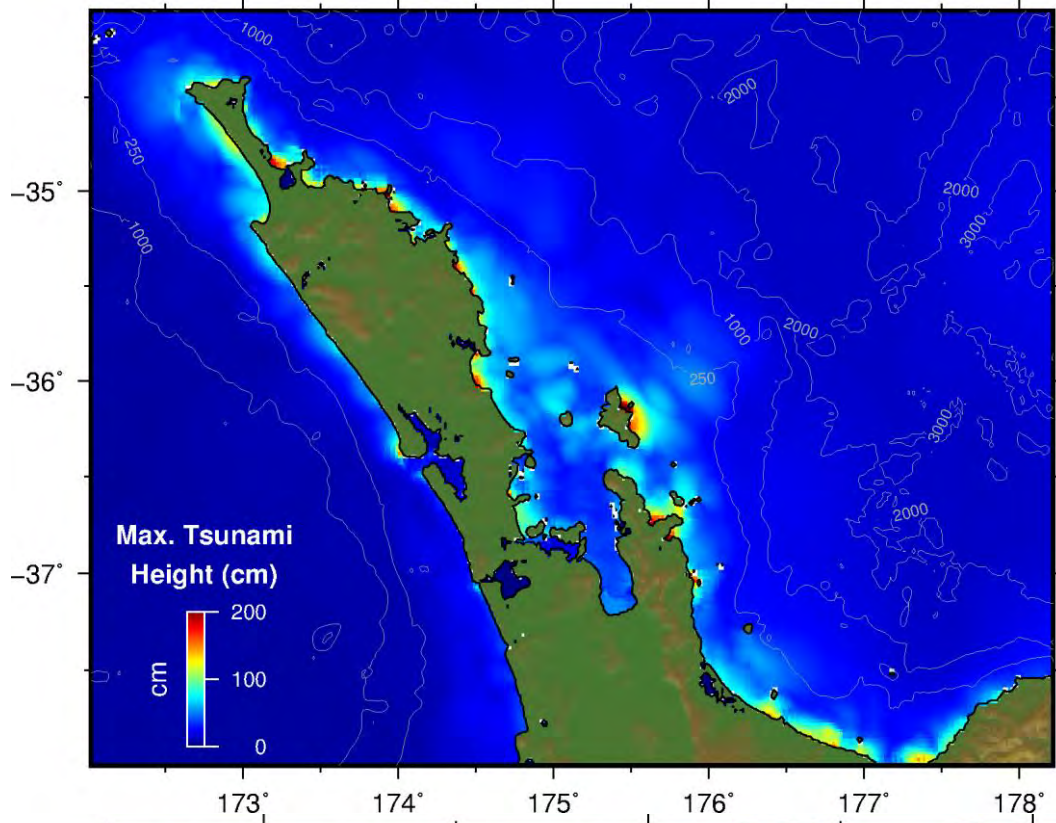
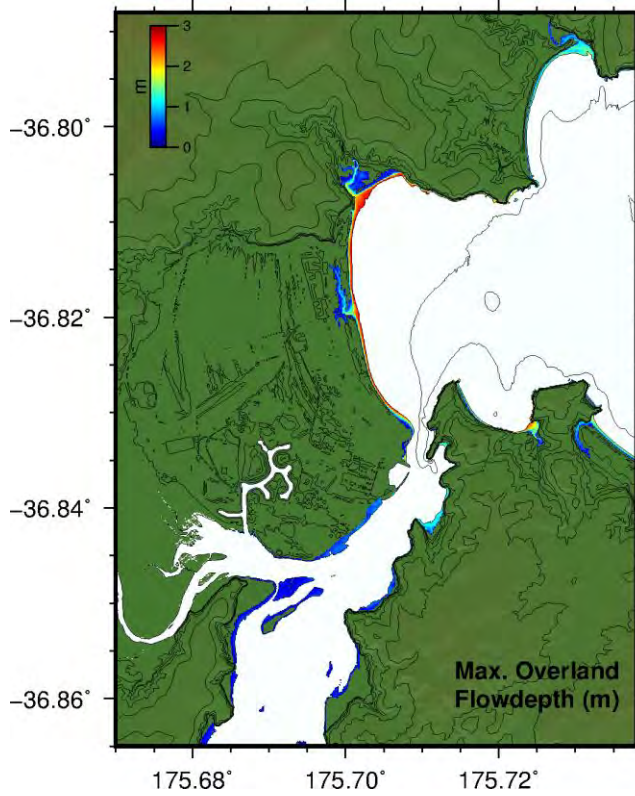
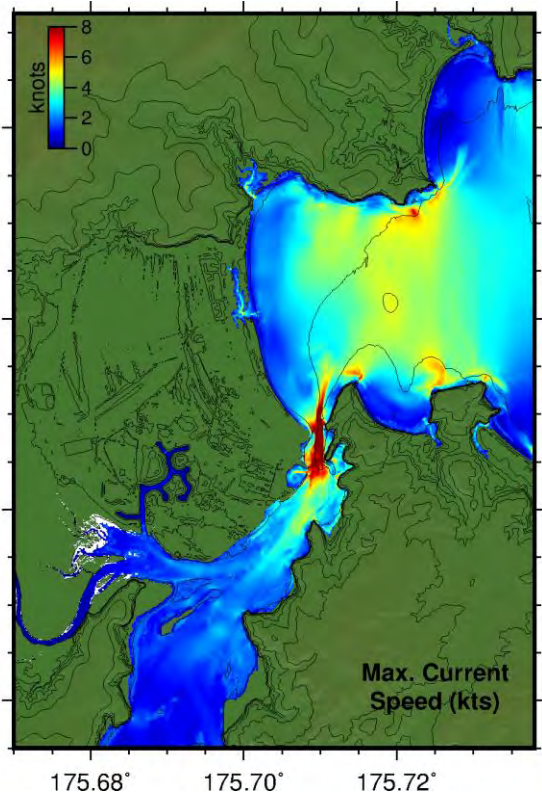
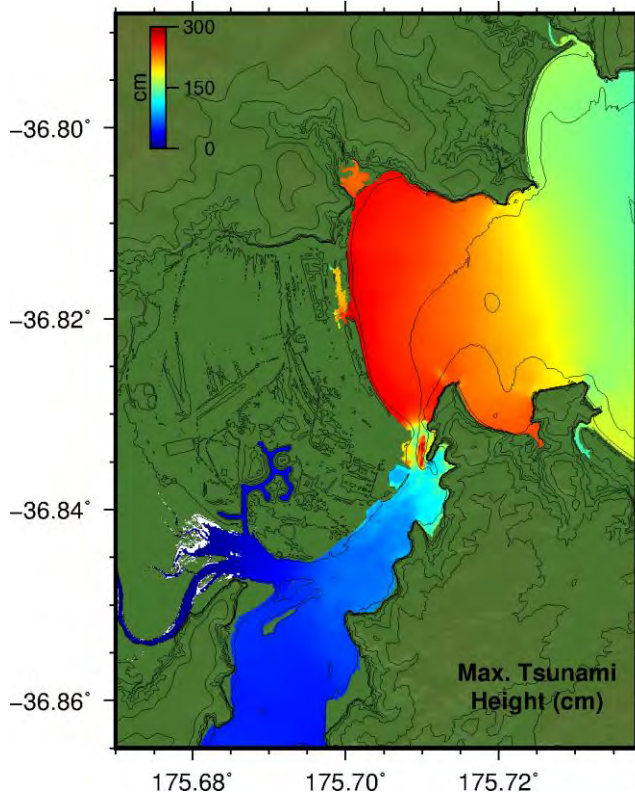


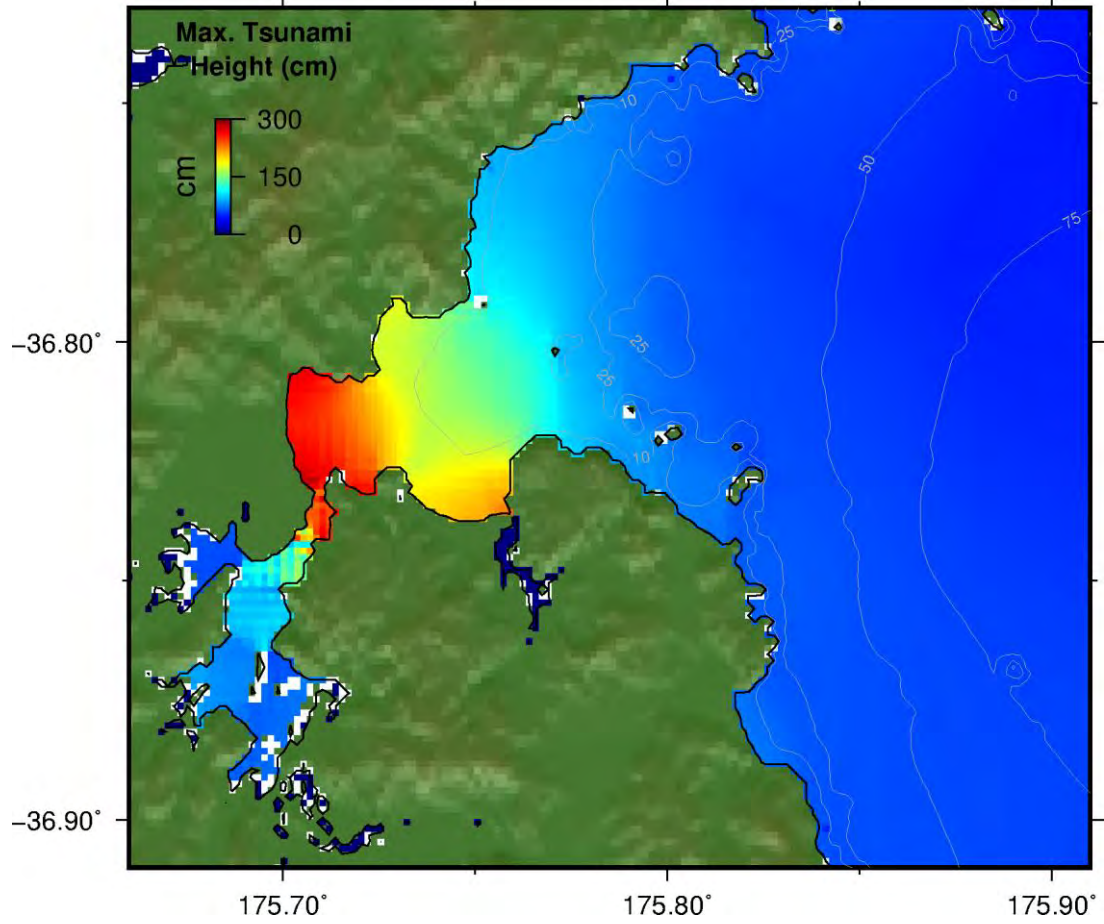
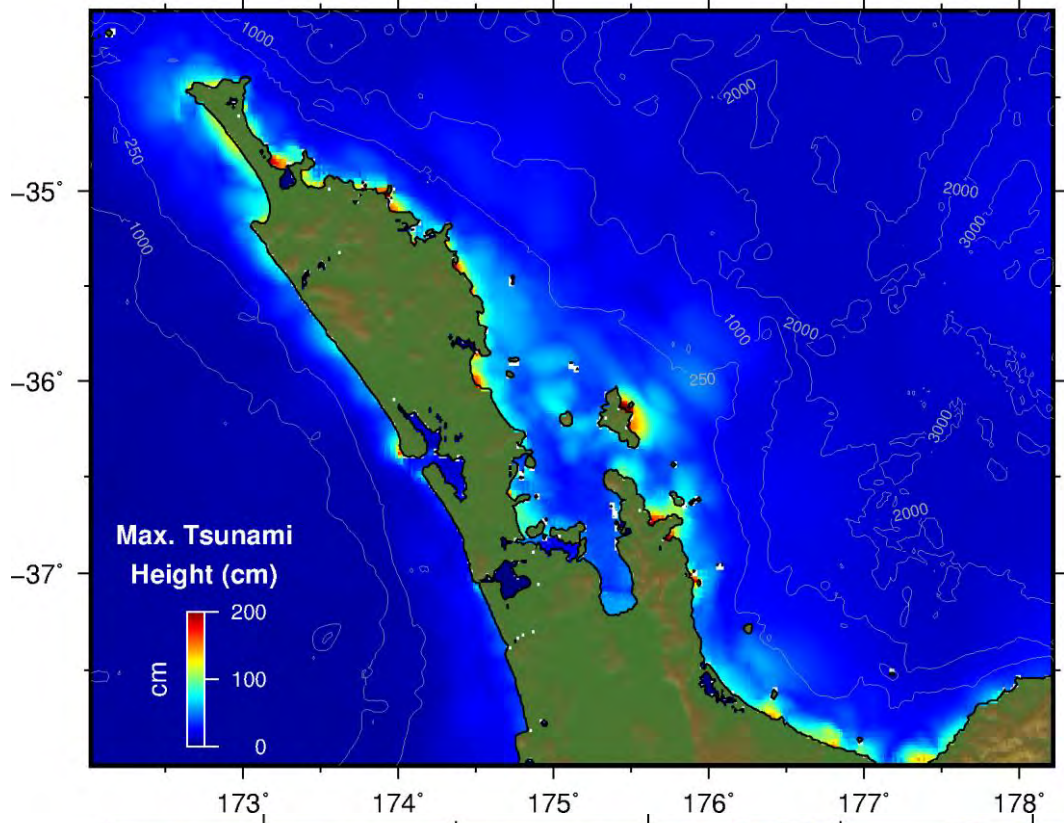
Appendix 1

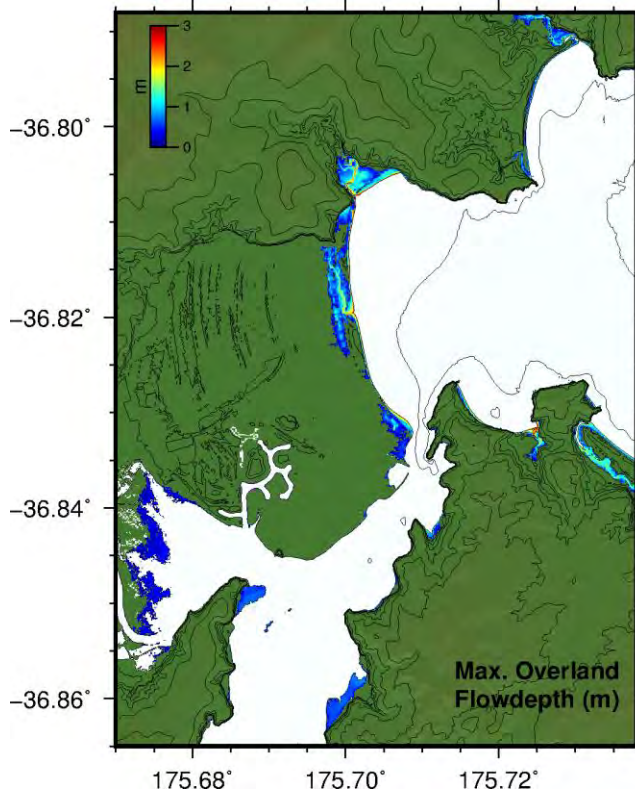
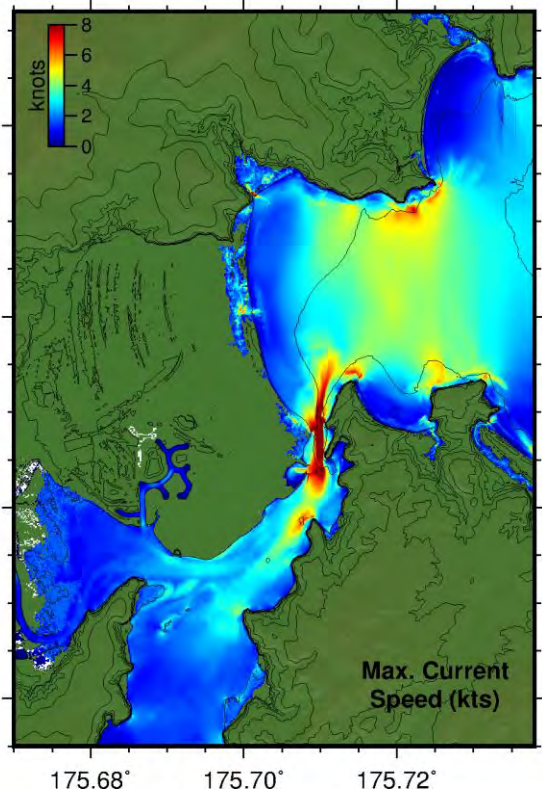
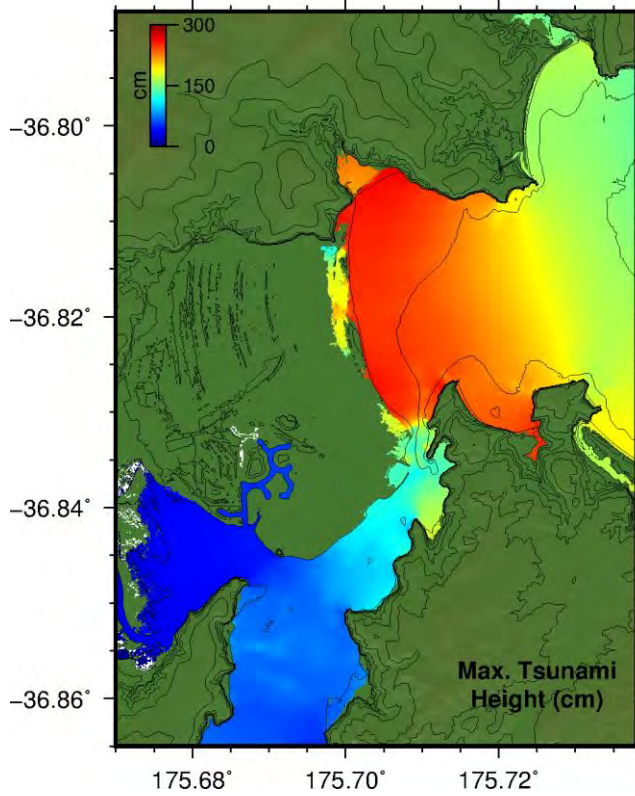
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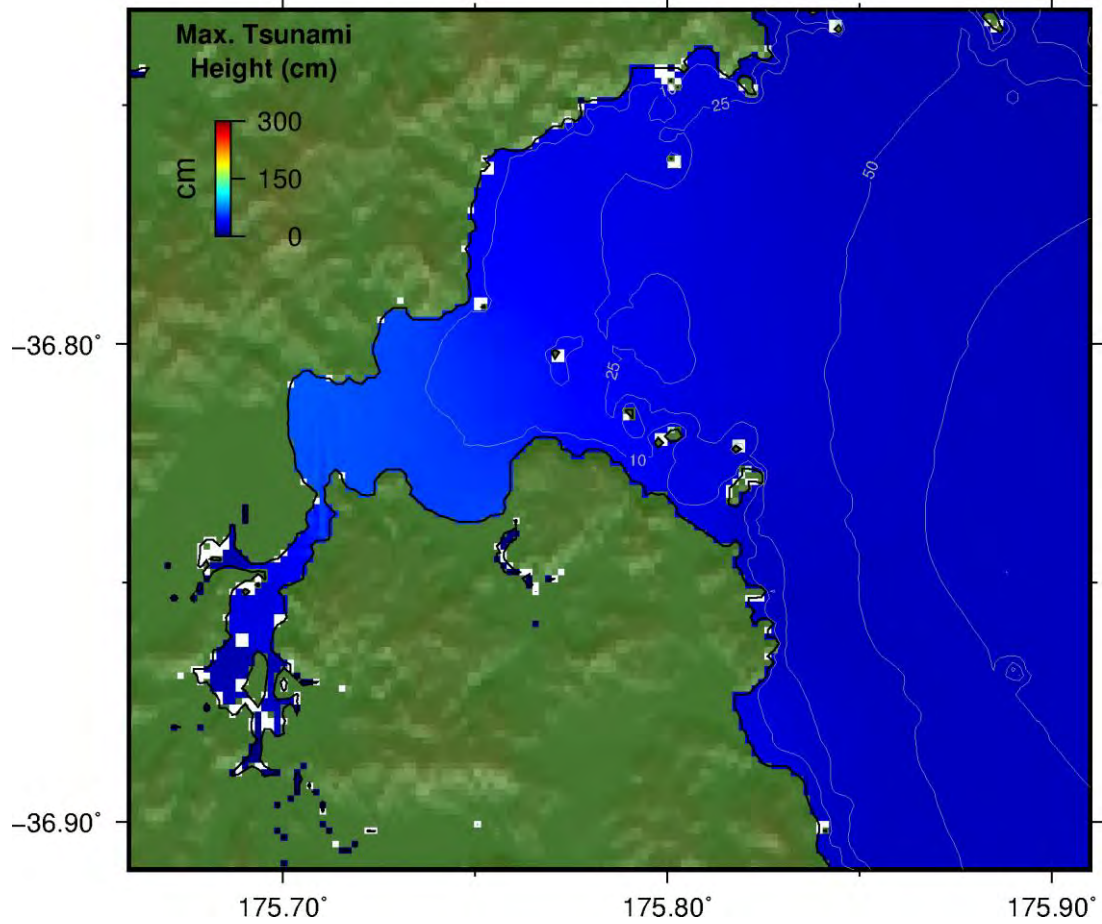
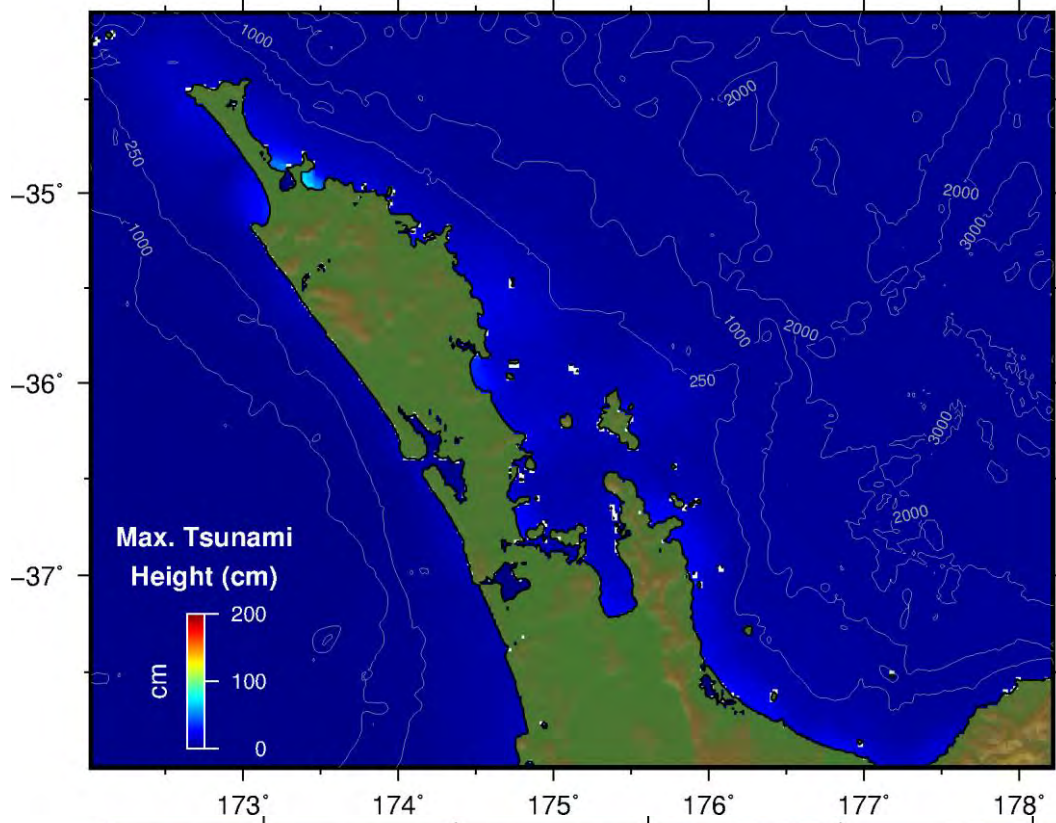


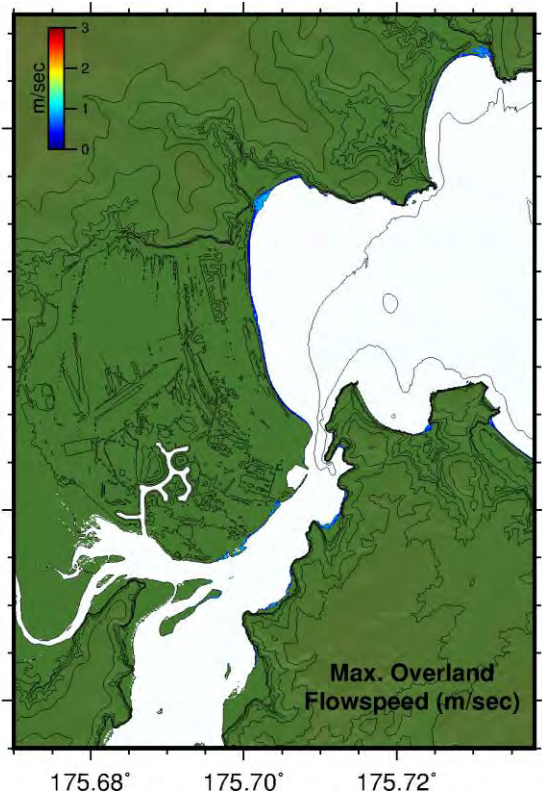
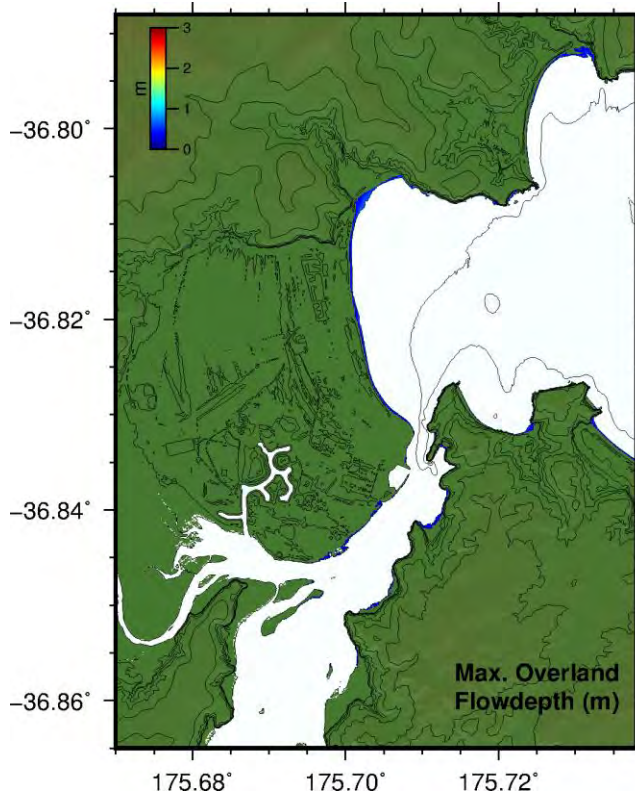
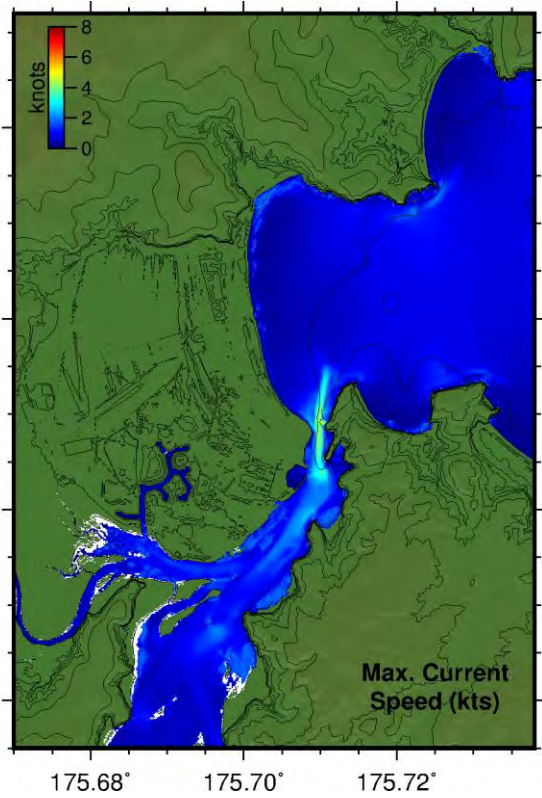
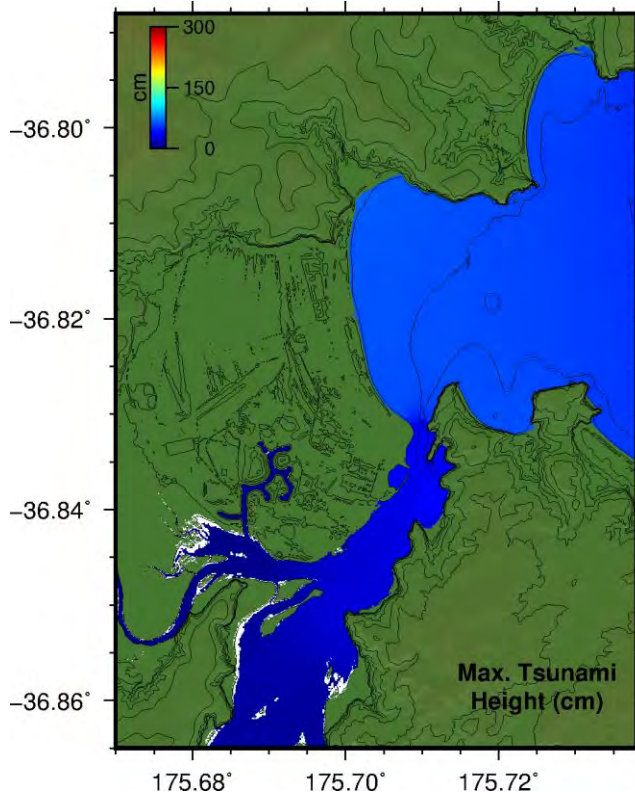
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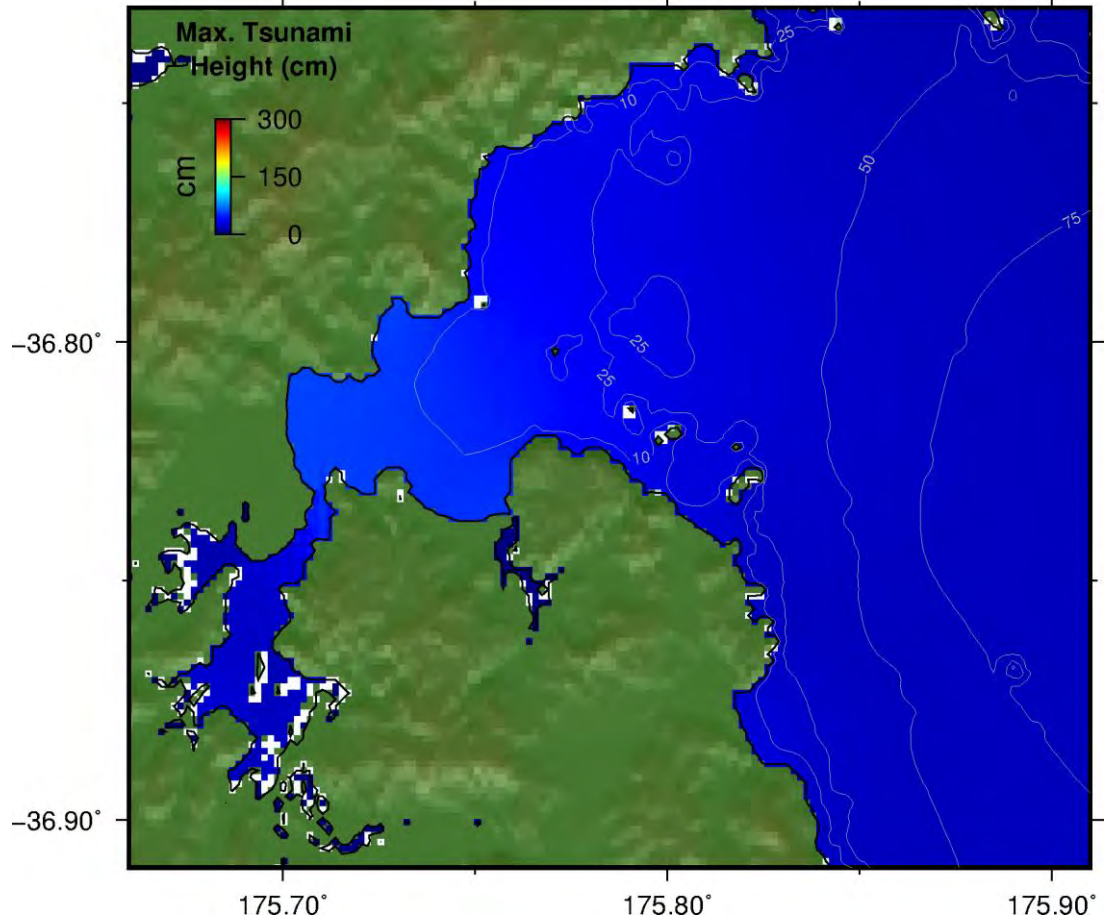
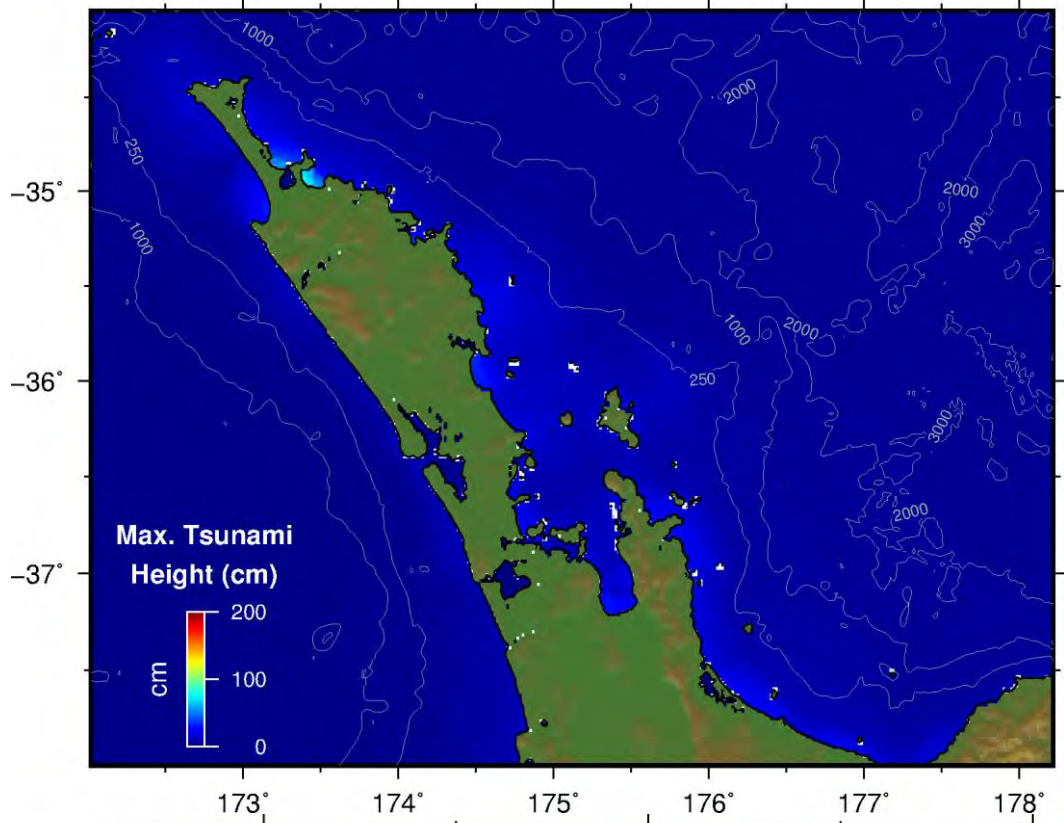


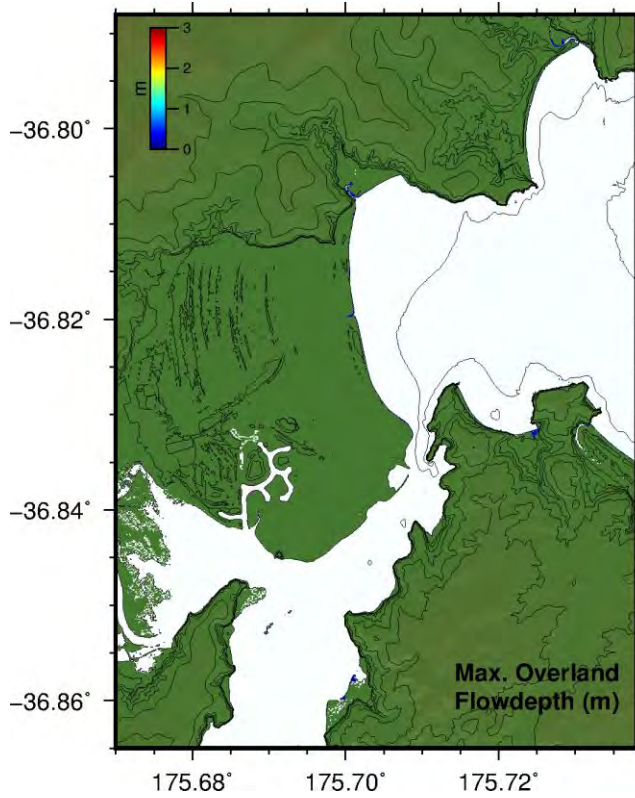
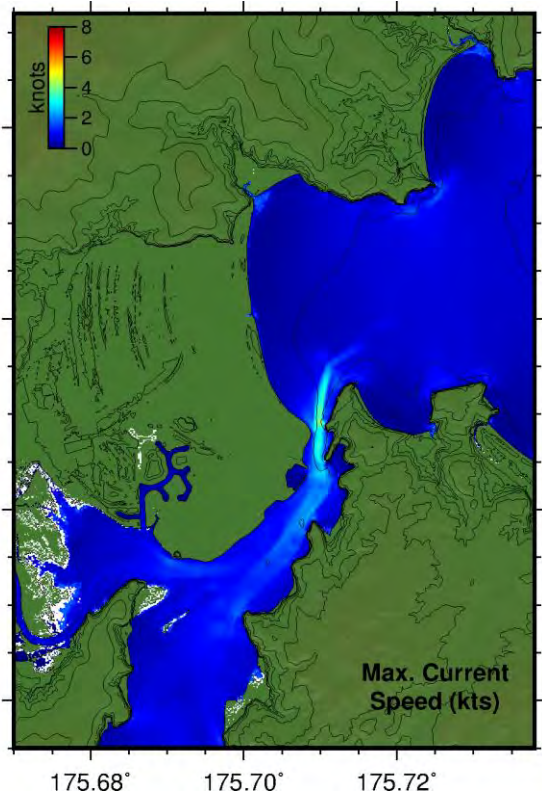
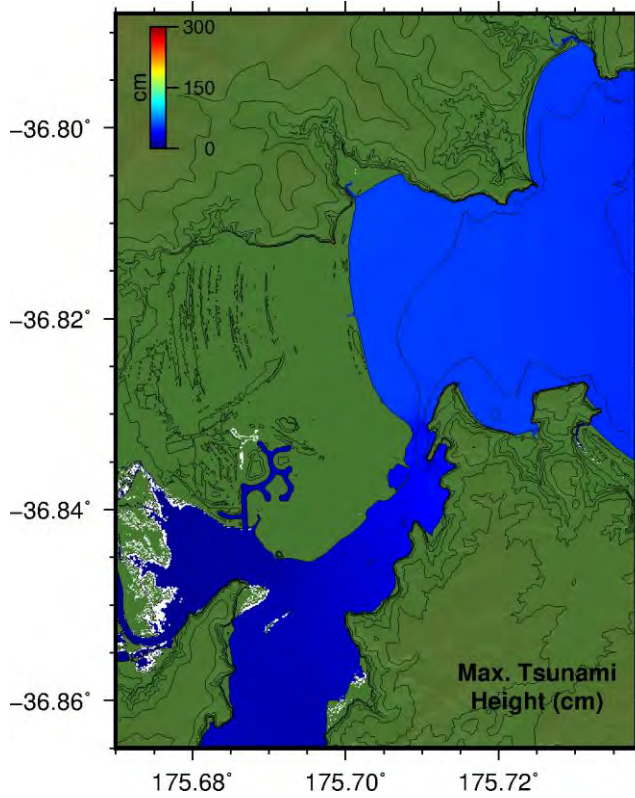
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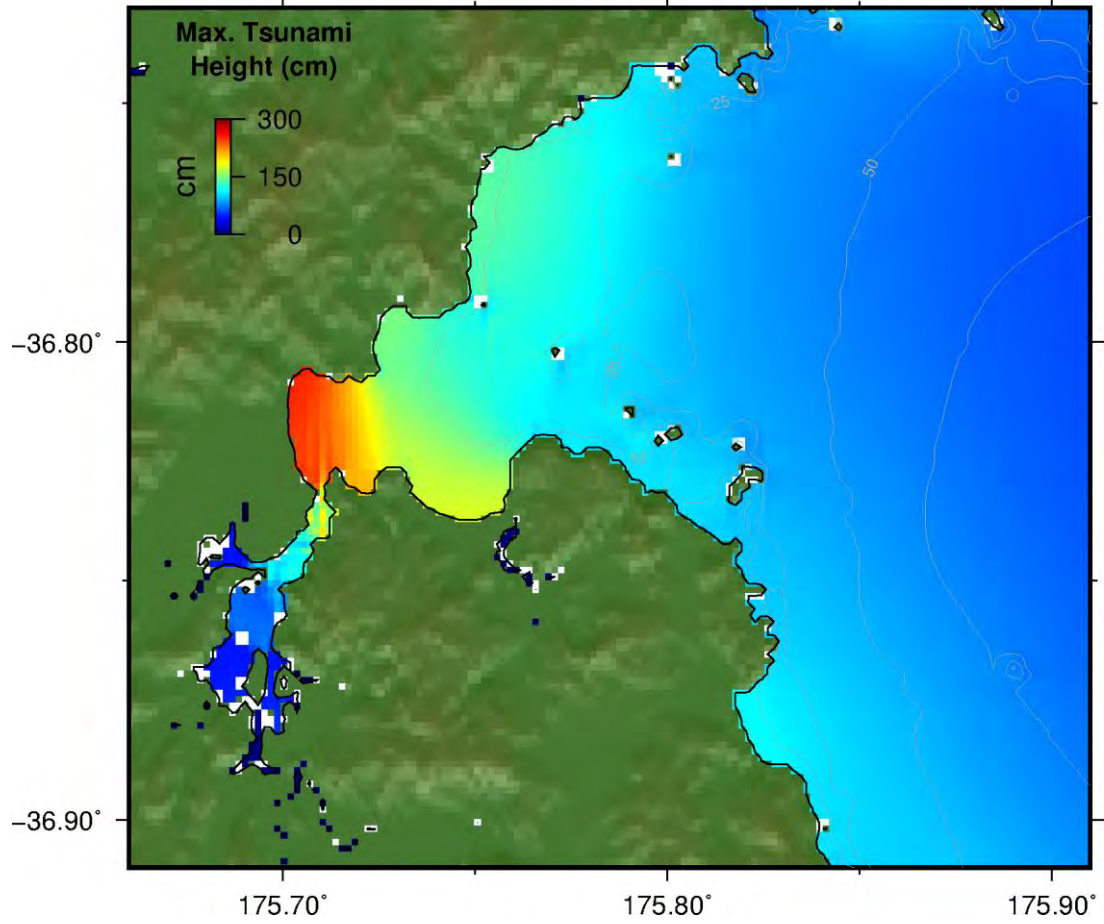
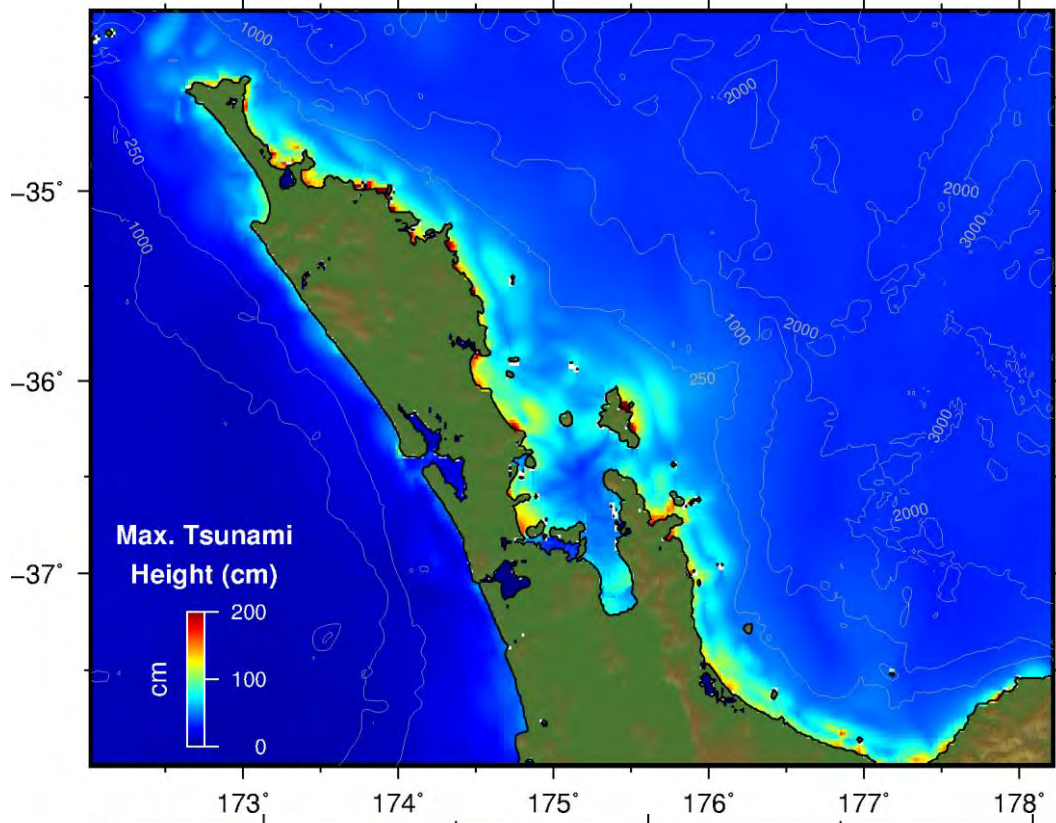


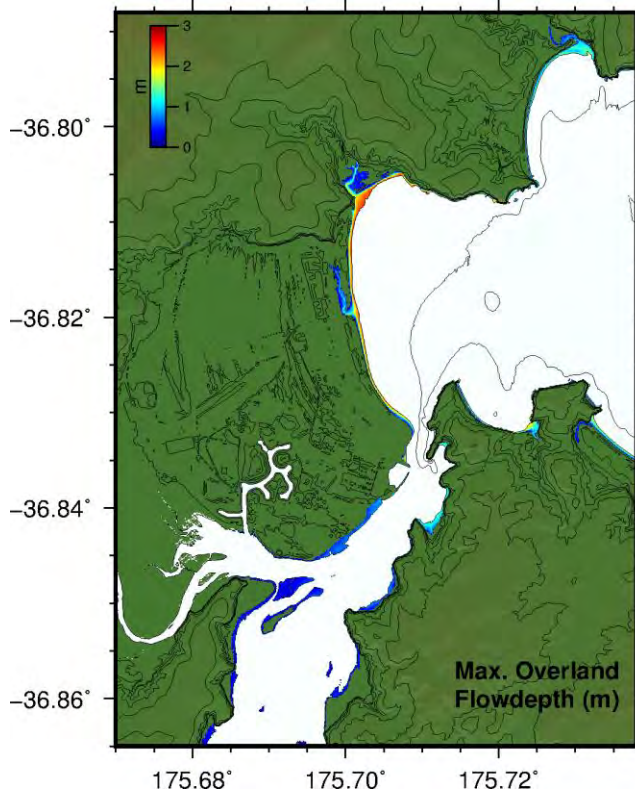
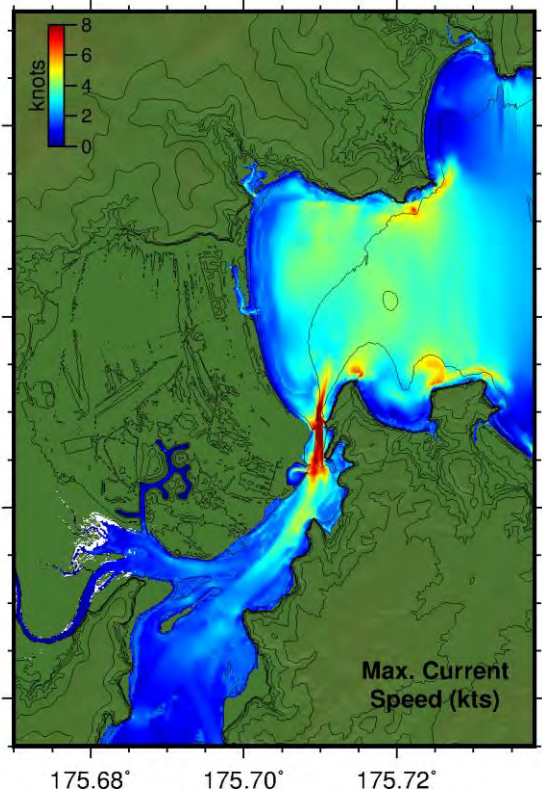
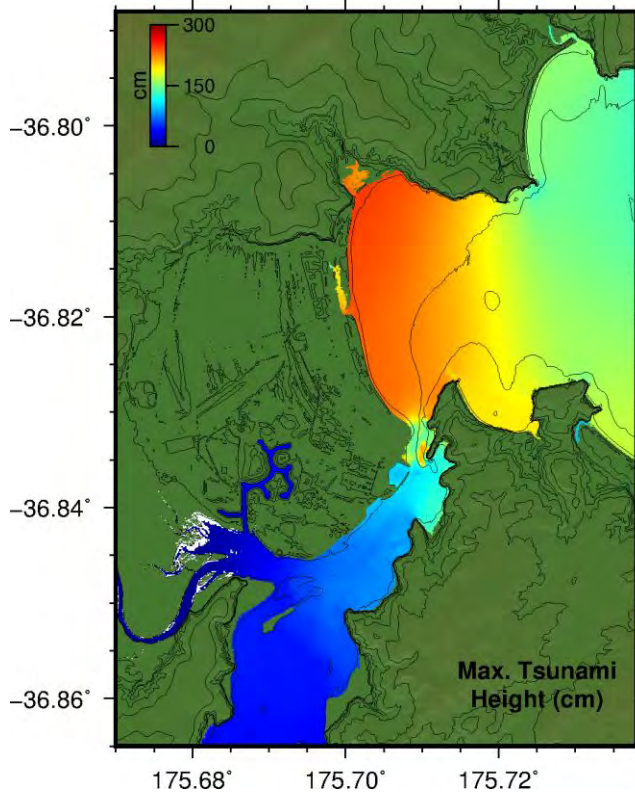
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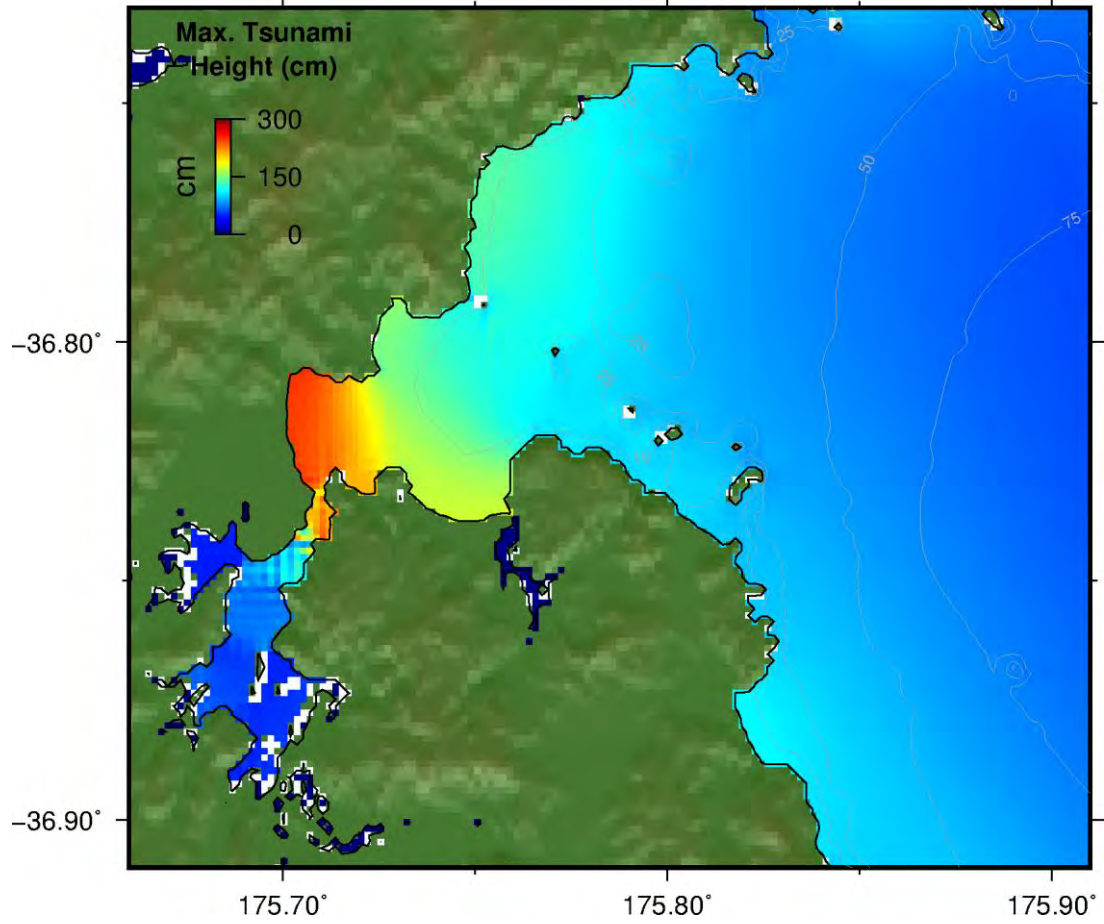
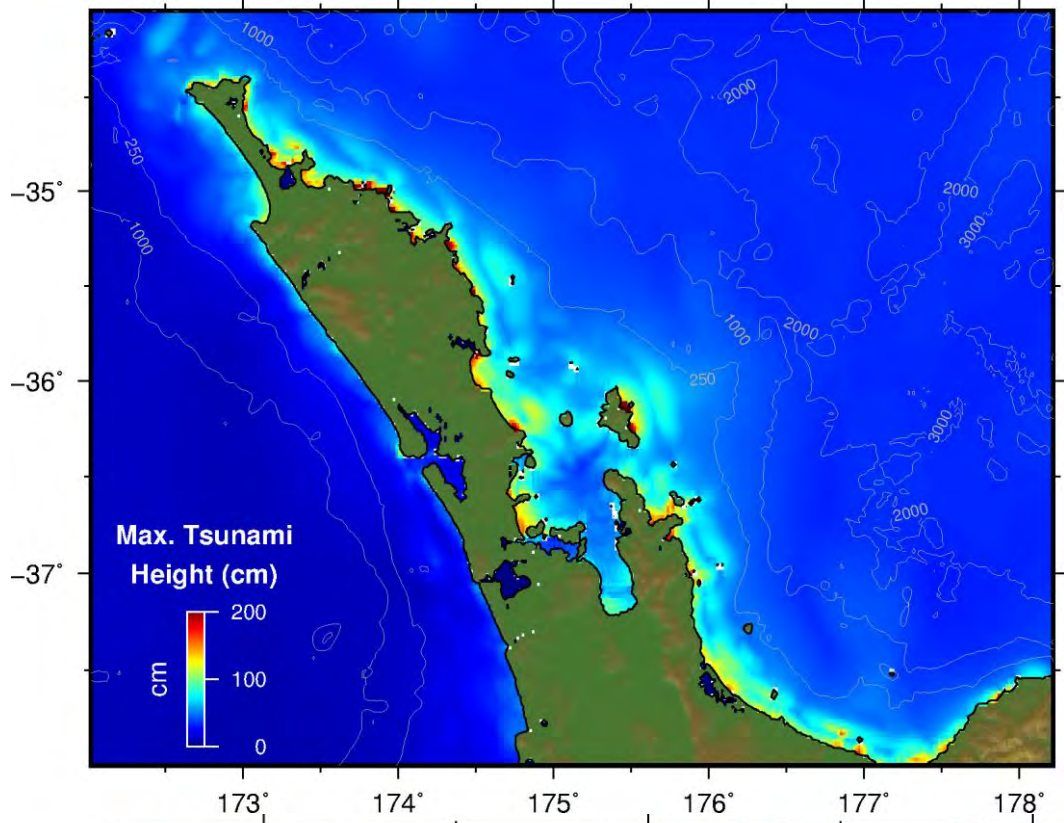


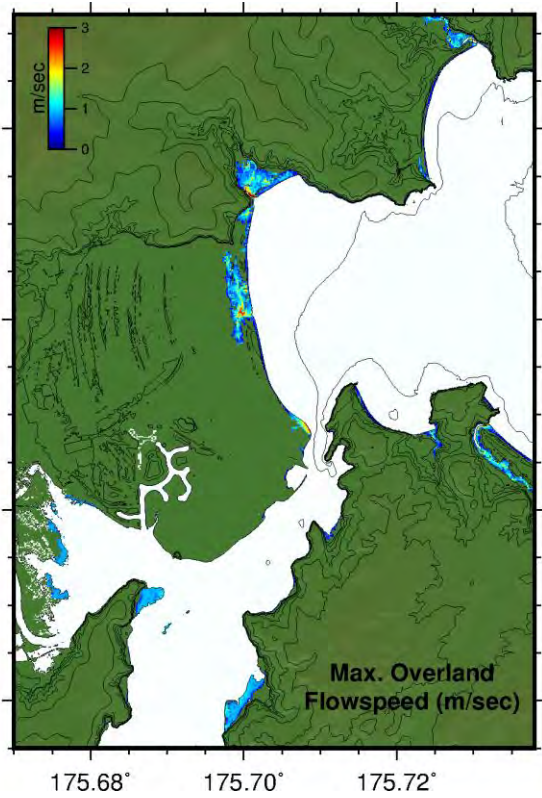
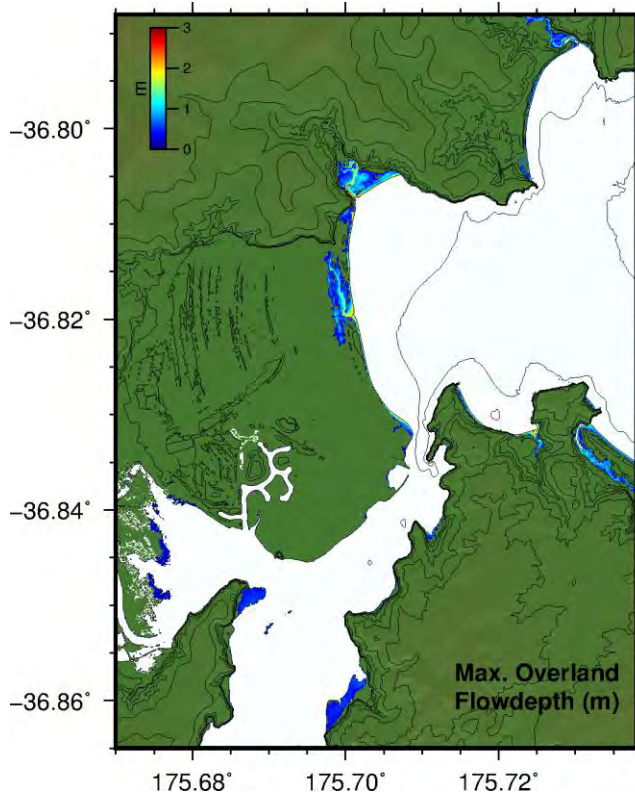
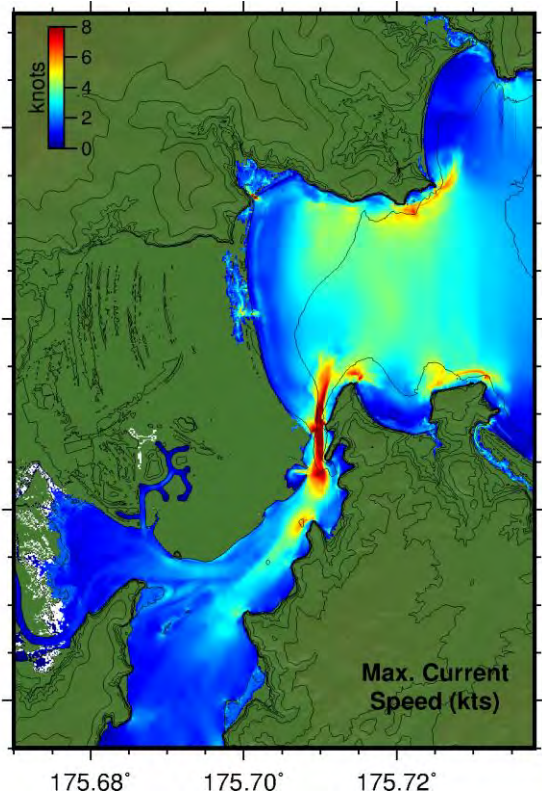
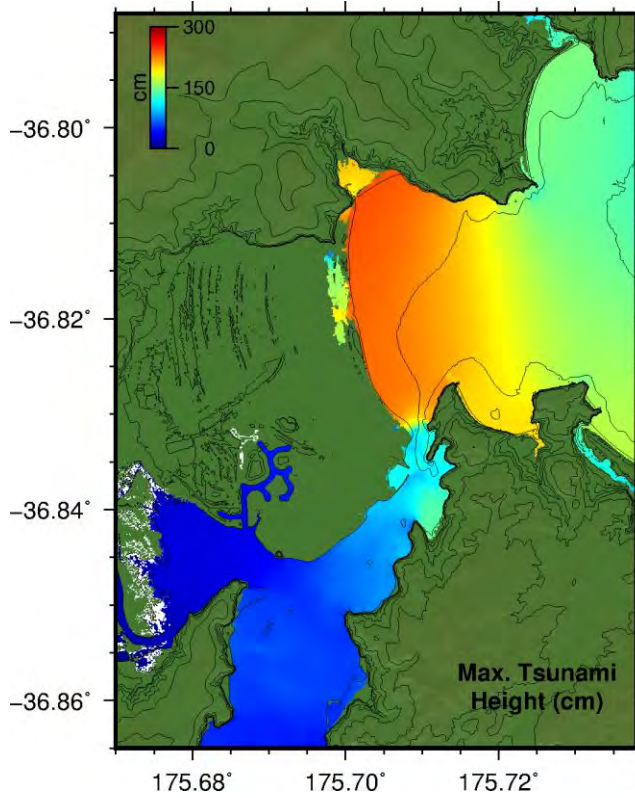
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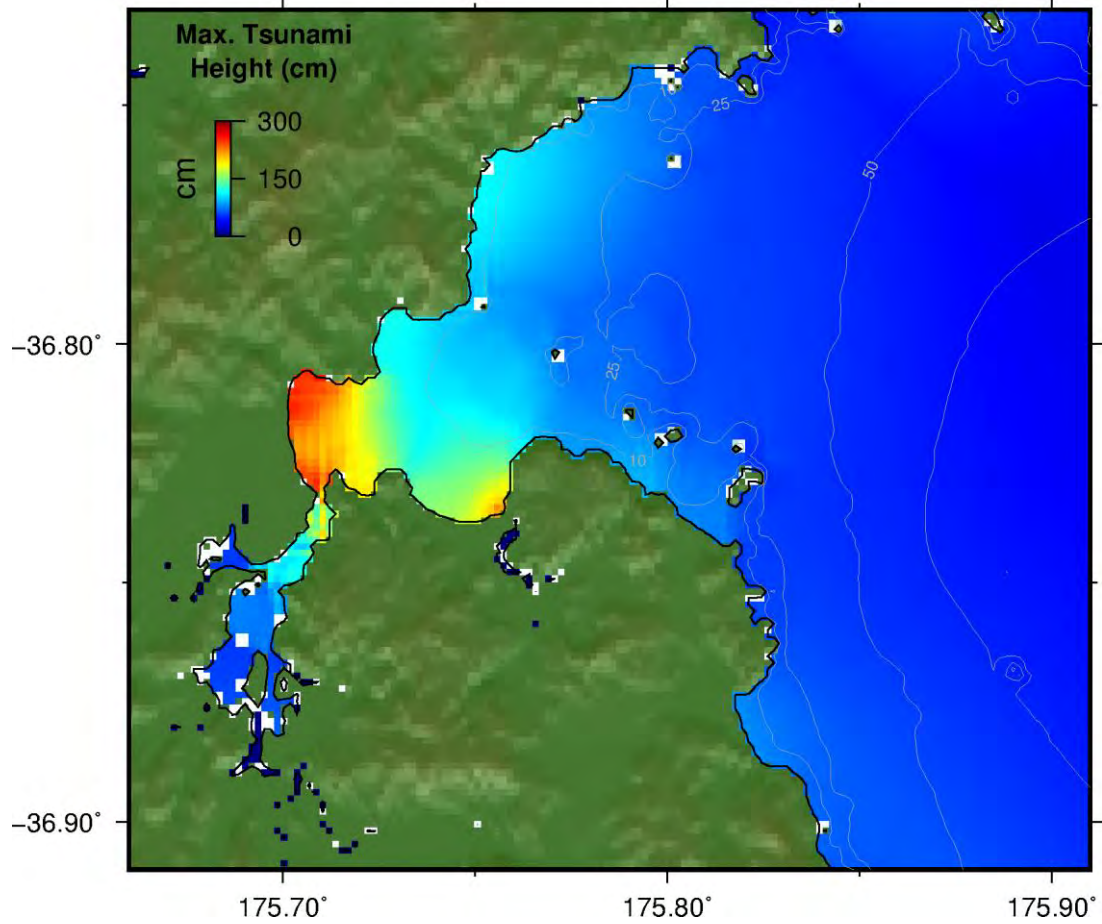
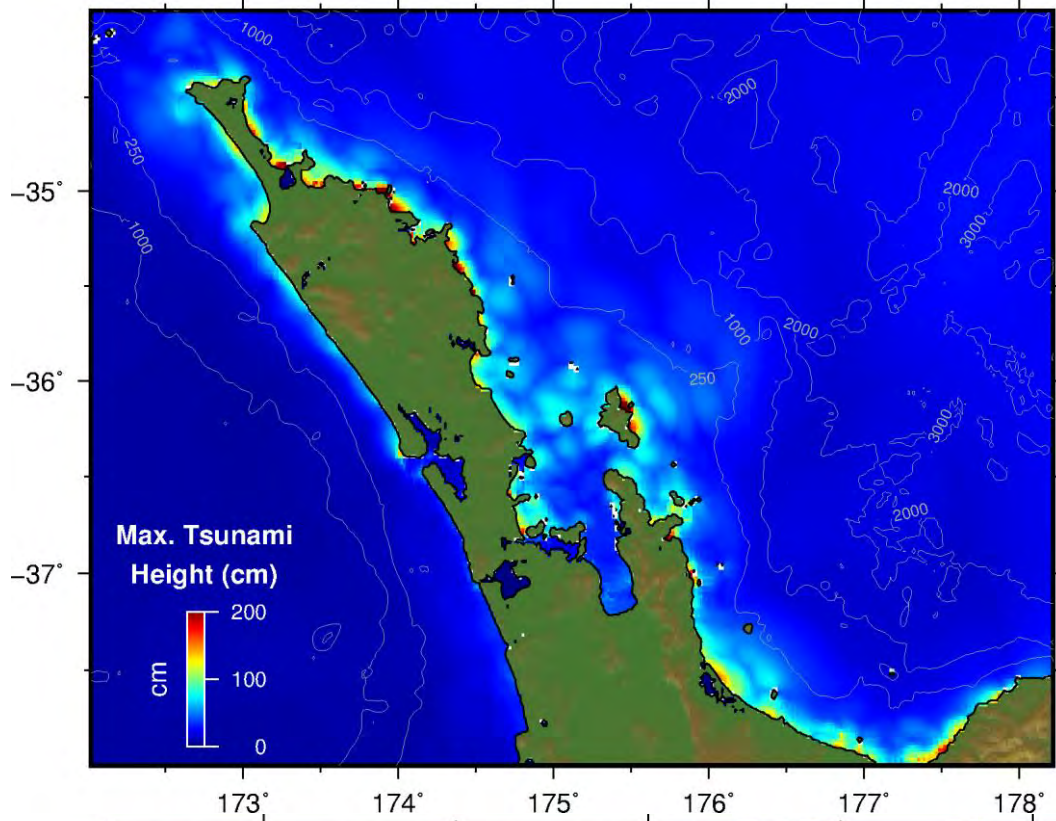


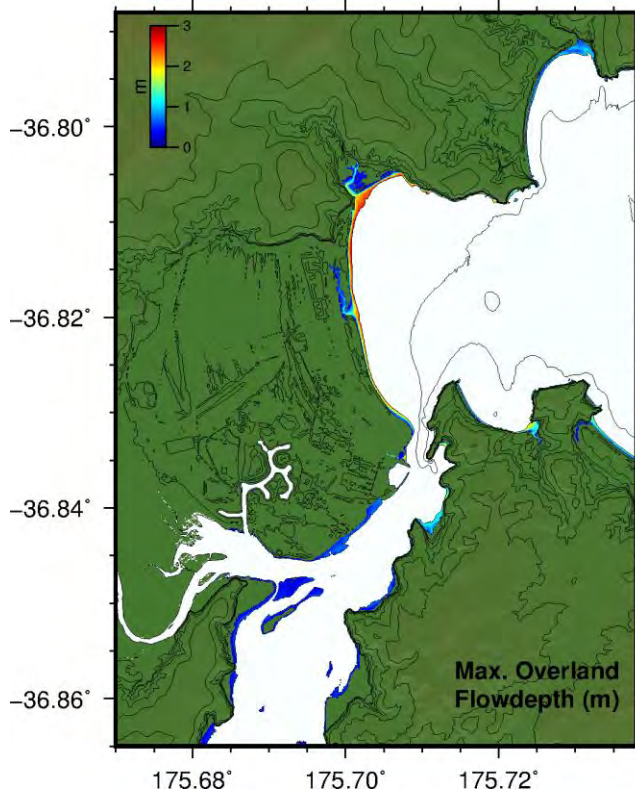
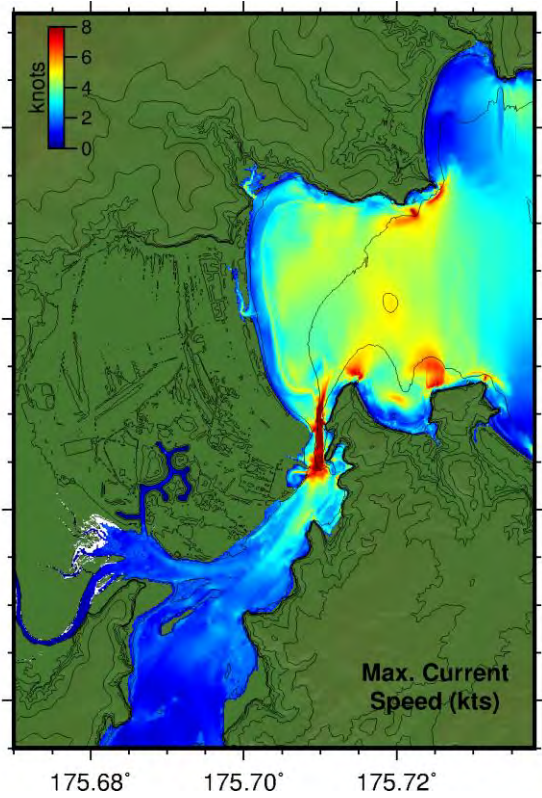
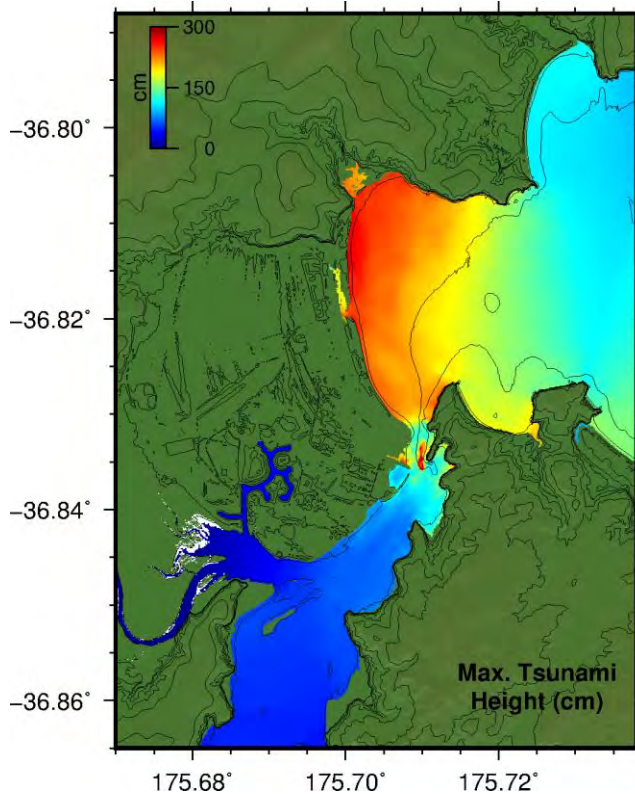
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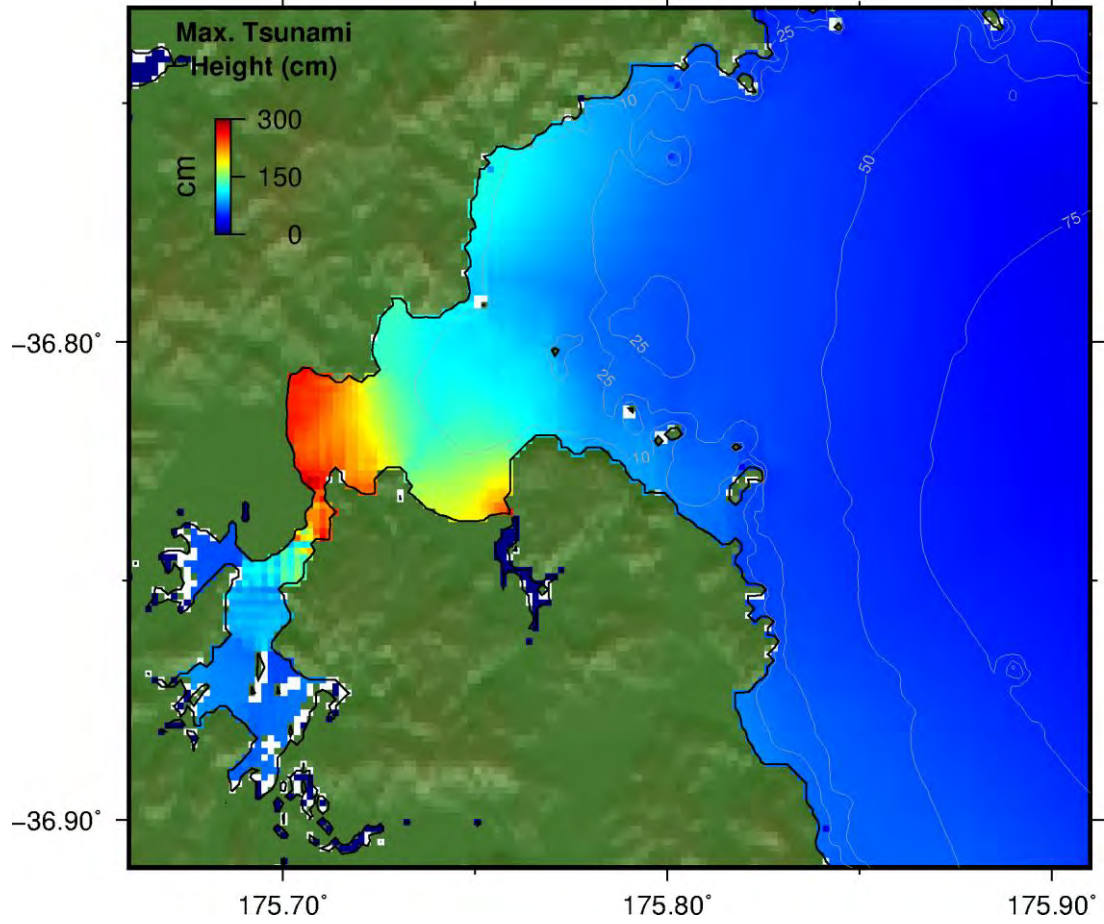
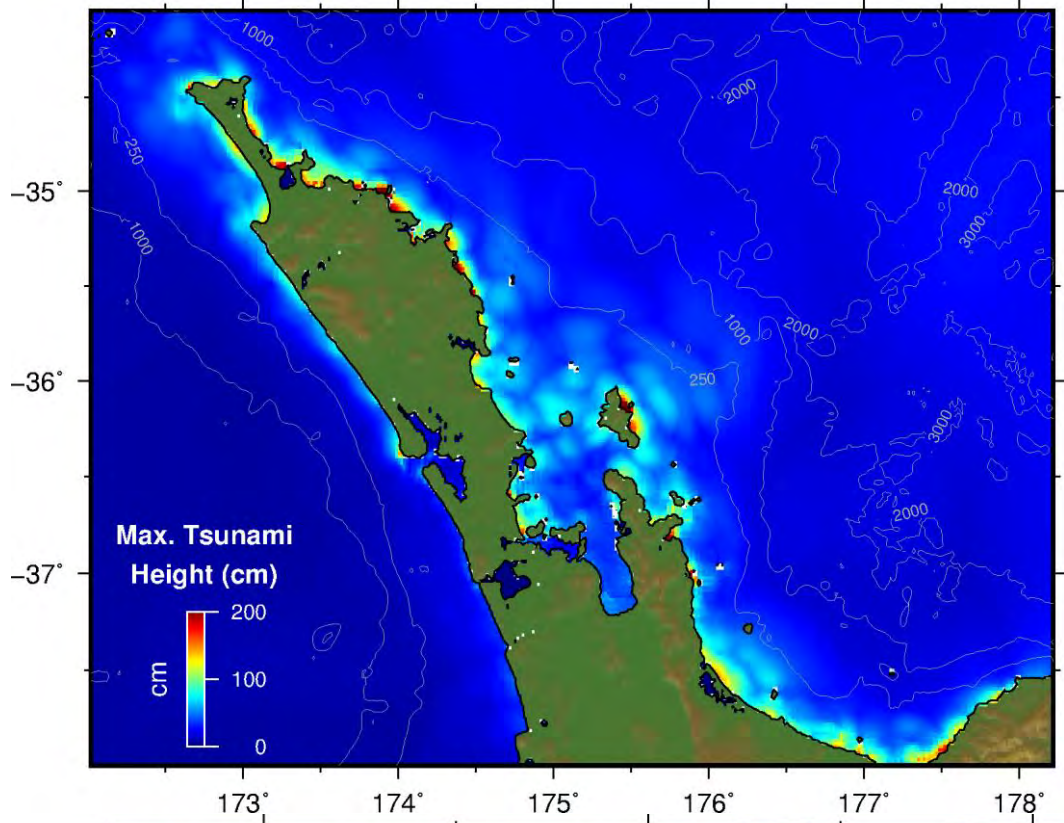


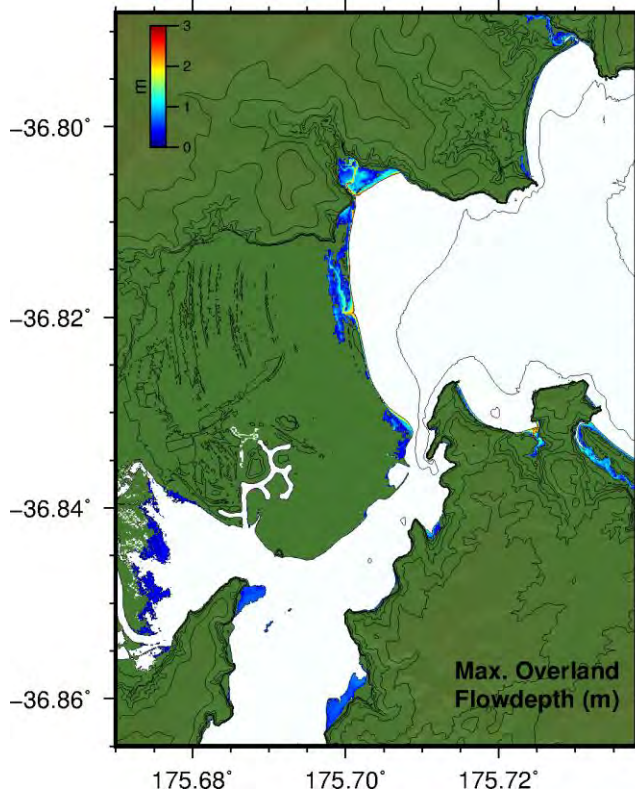
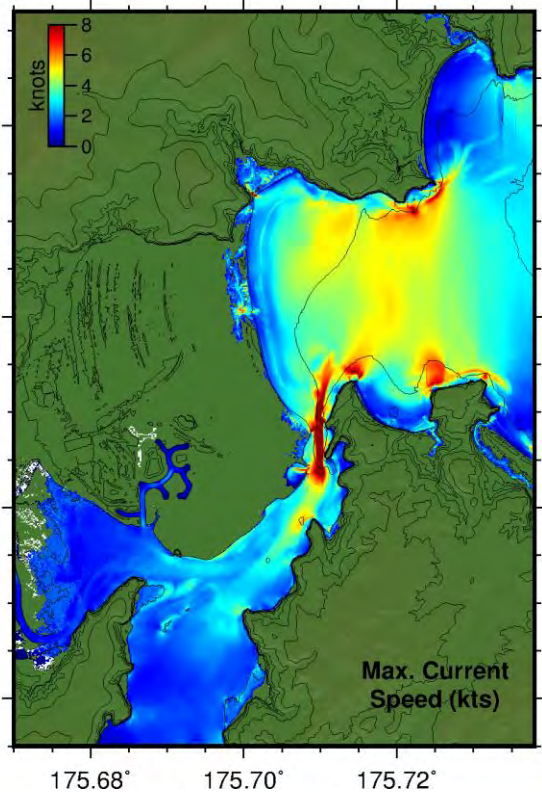
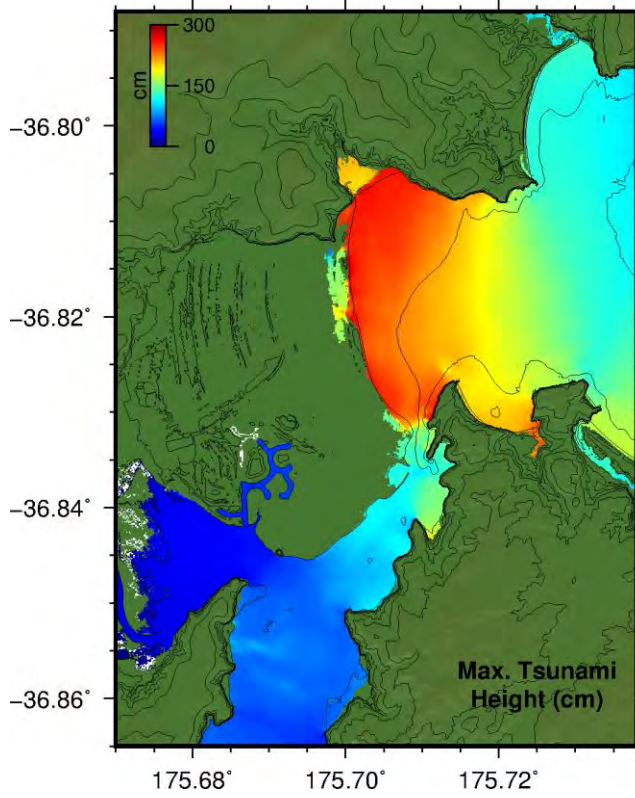
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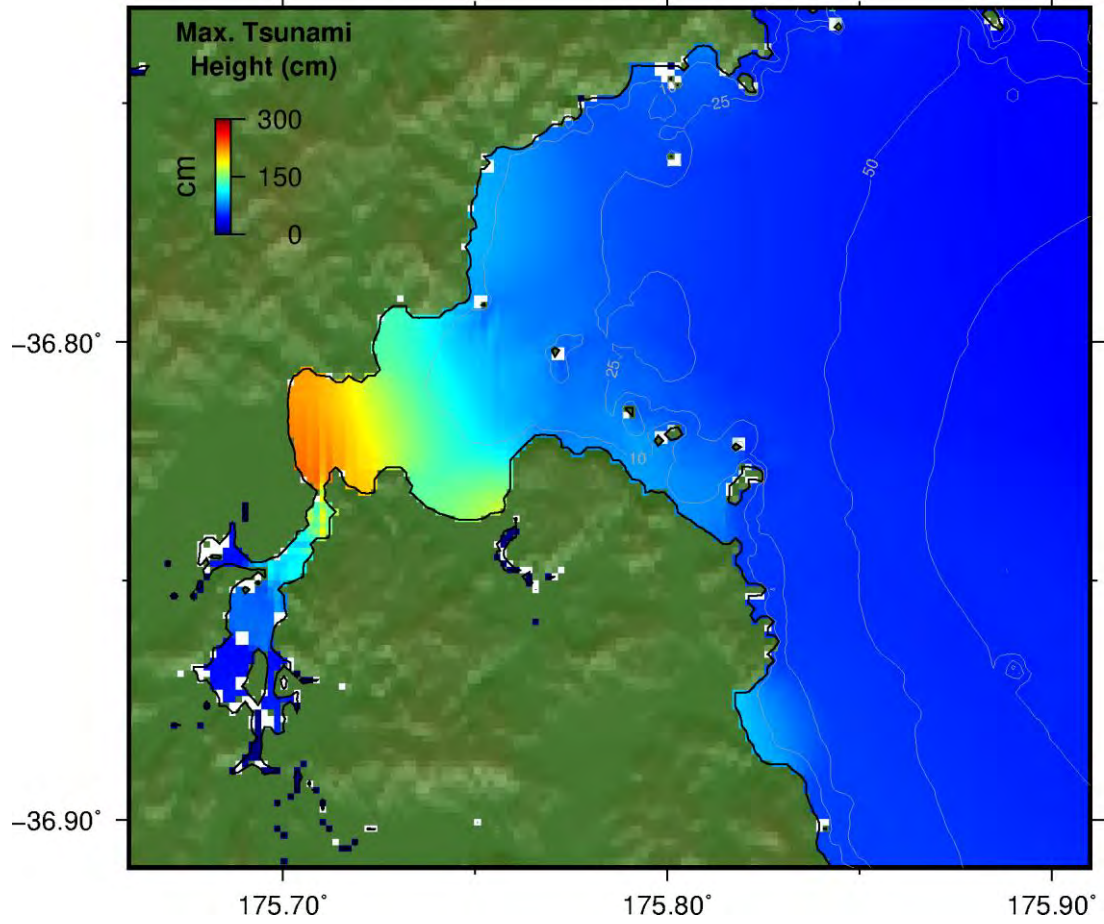
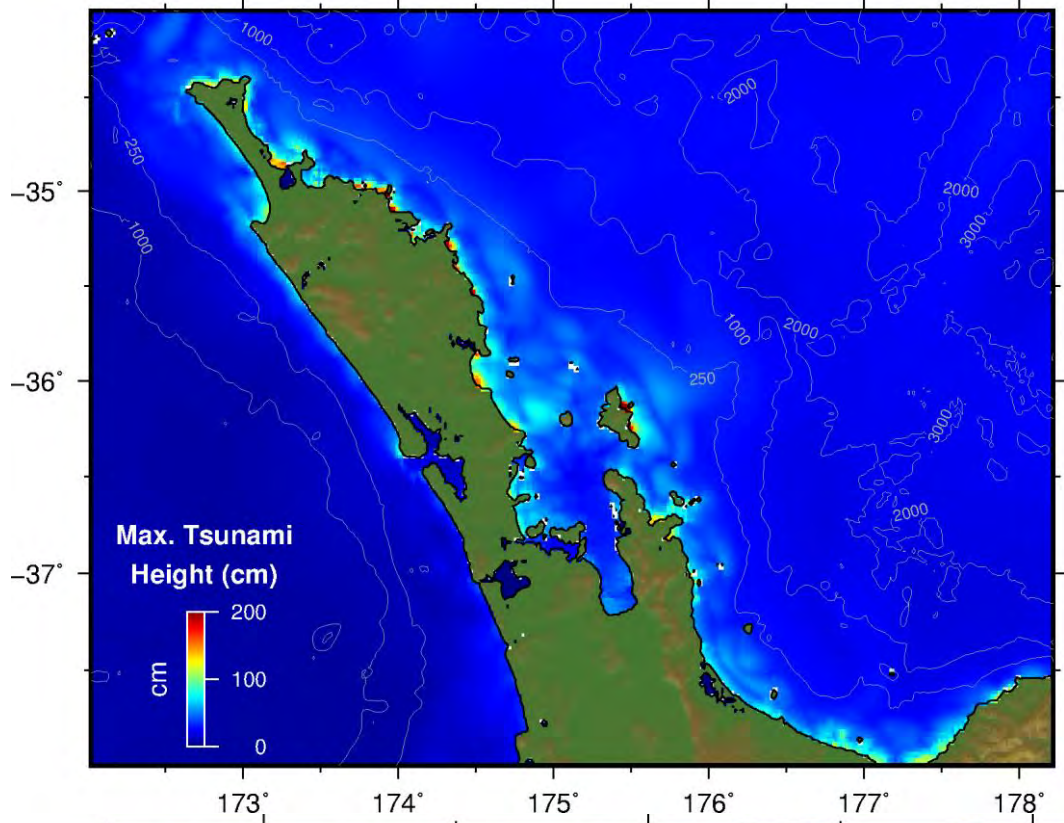


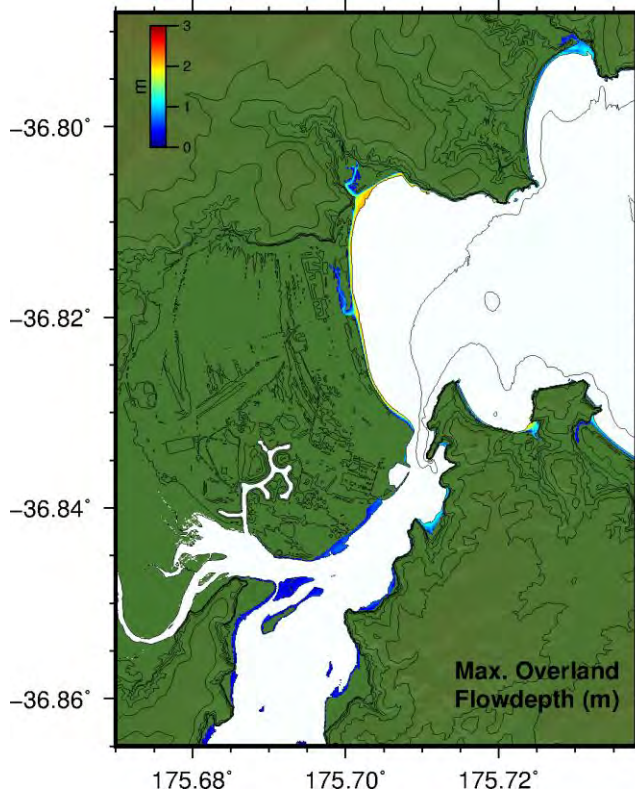
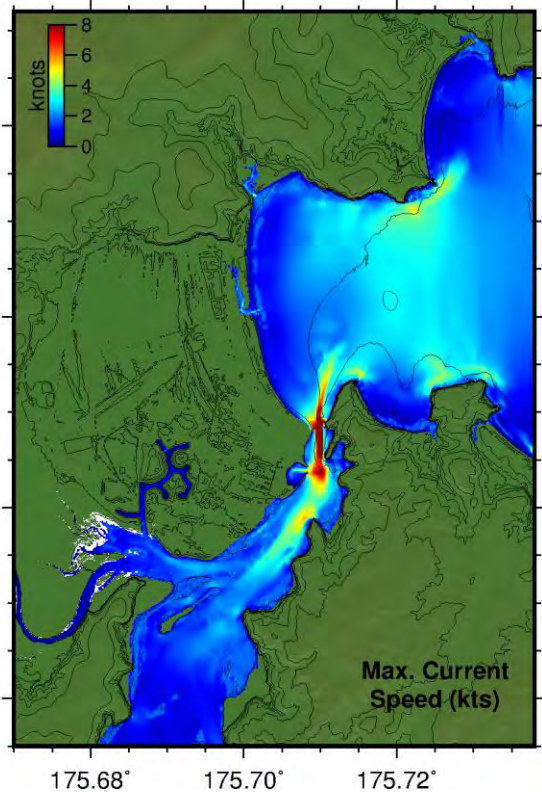
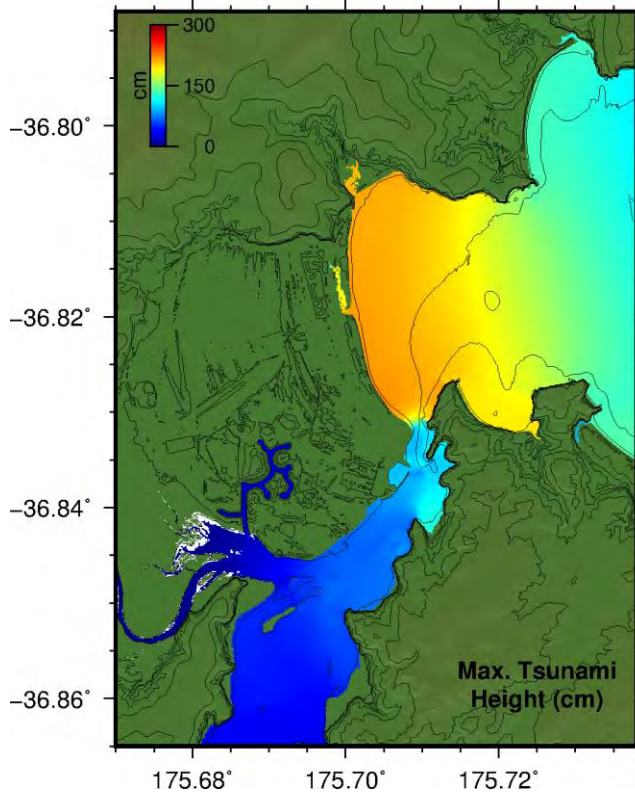
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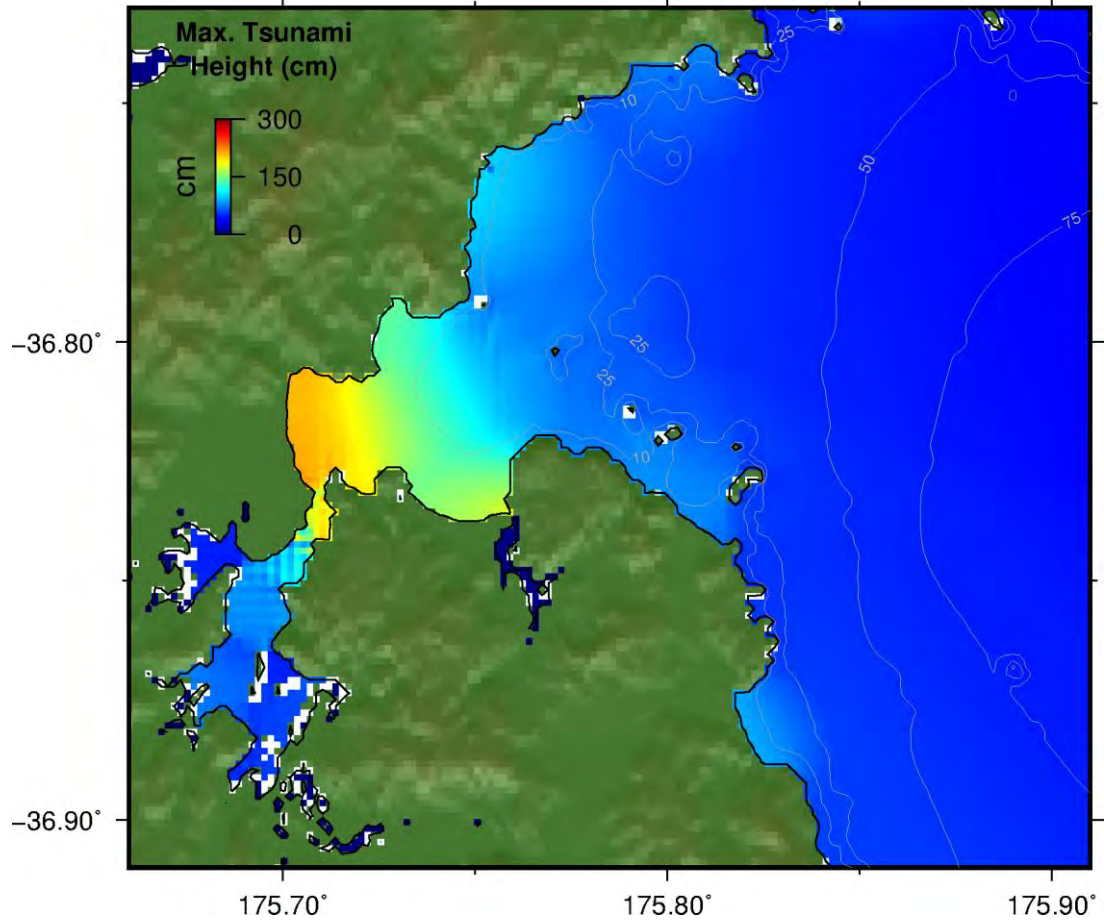
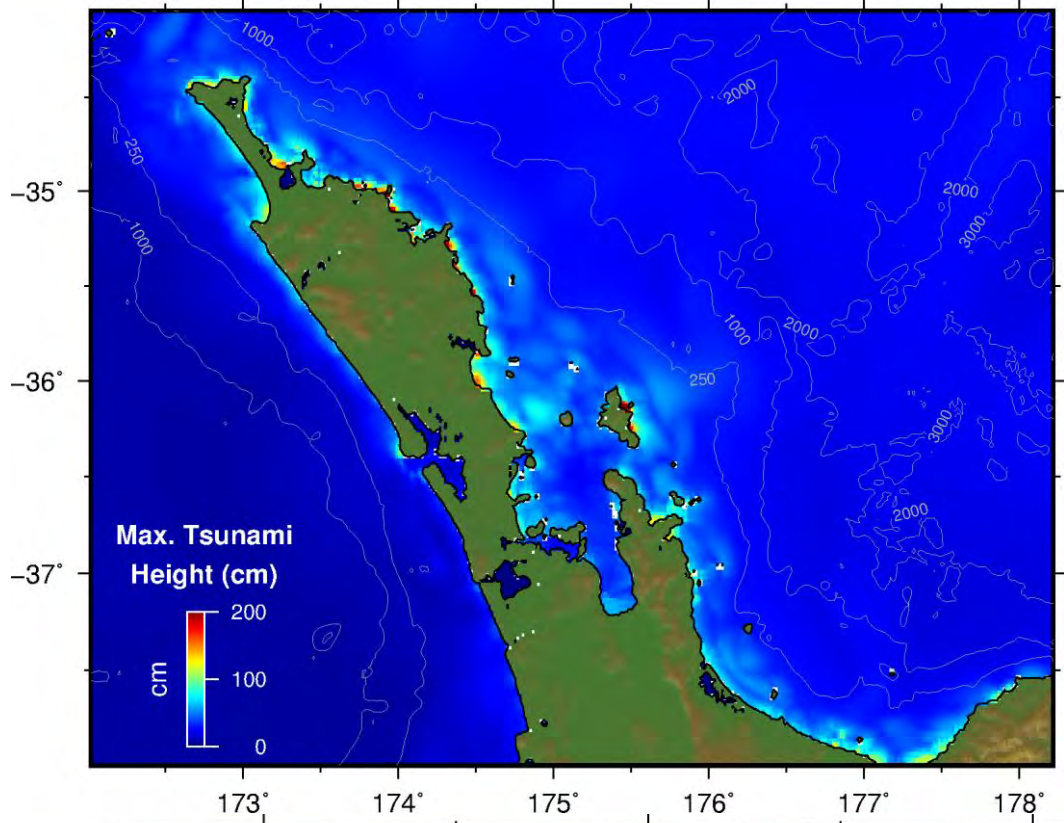


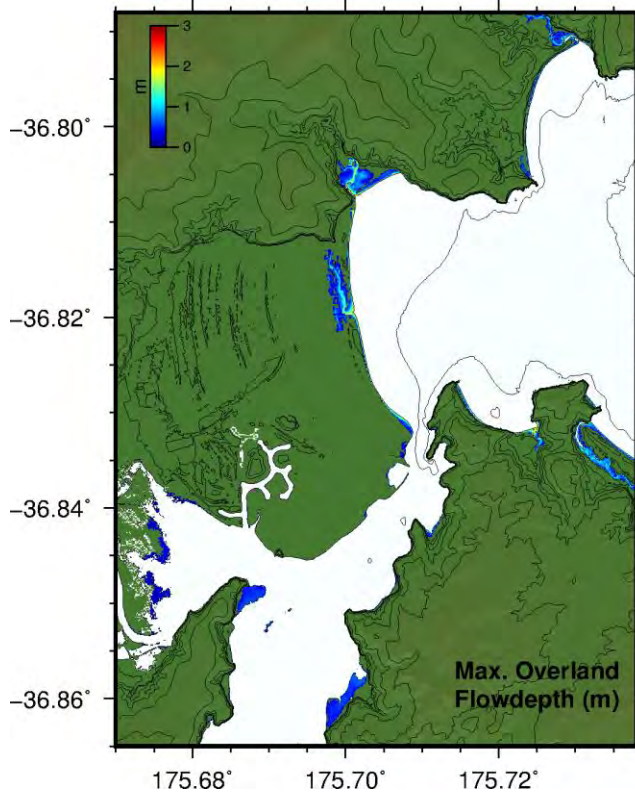
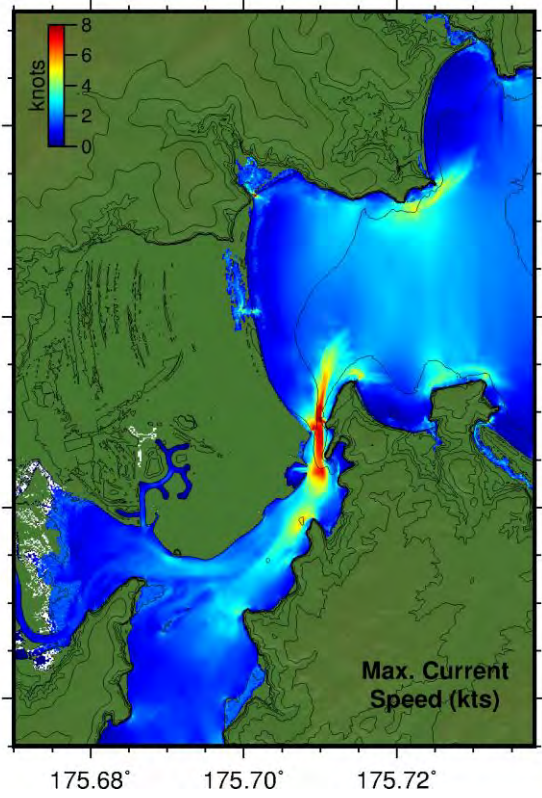
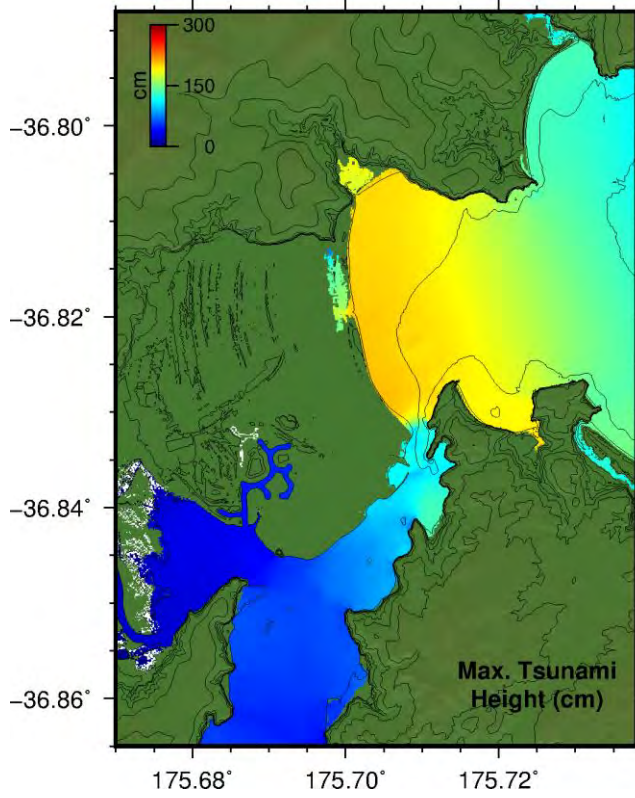
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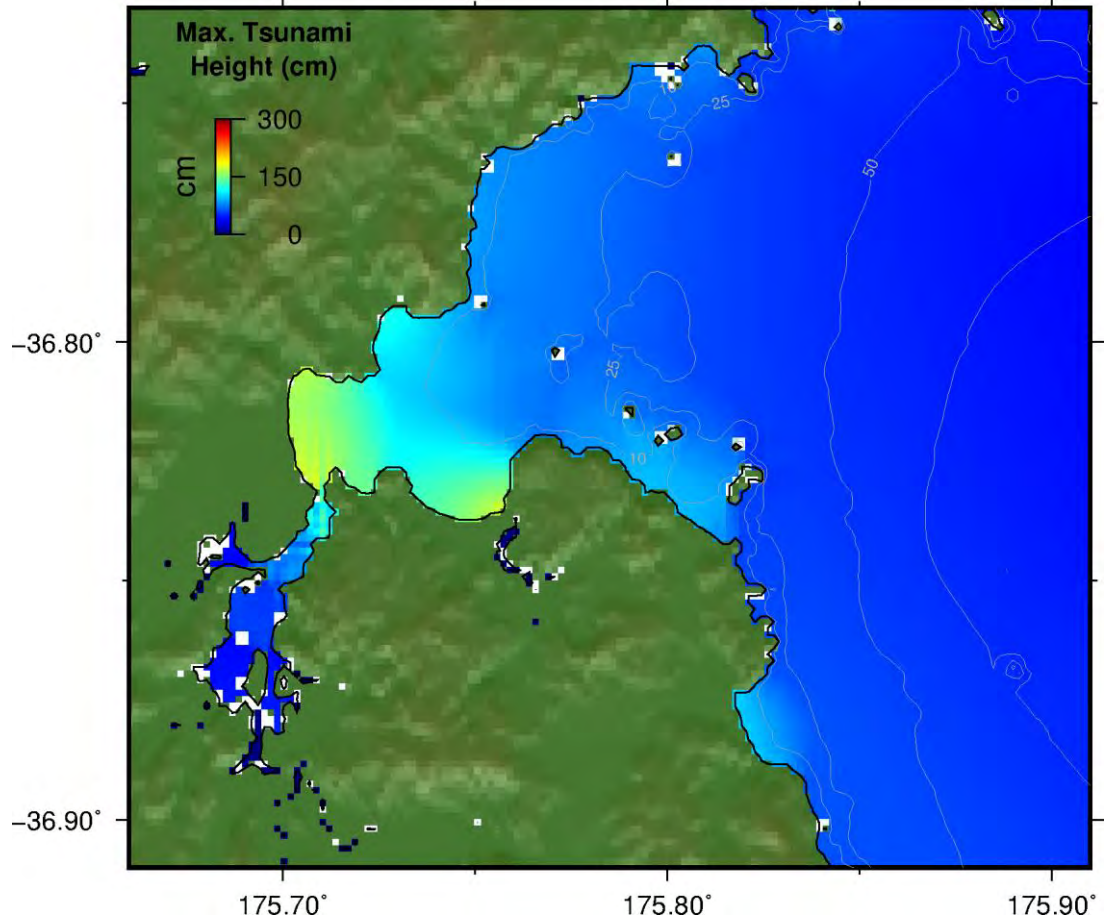
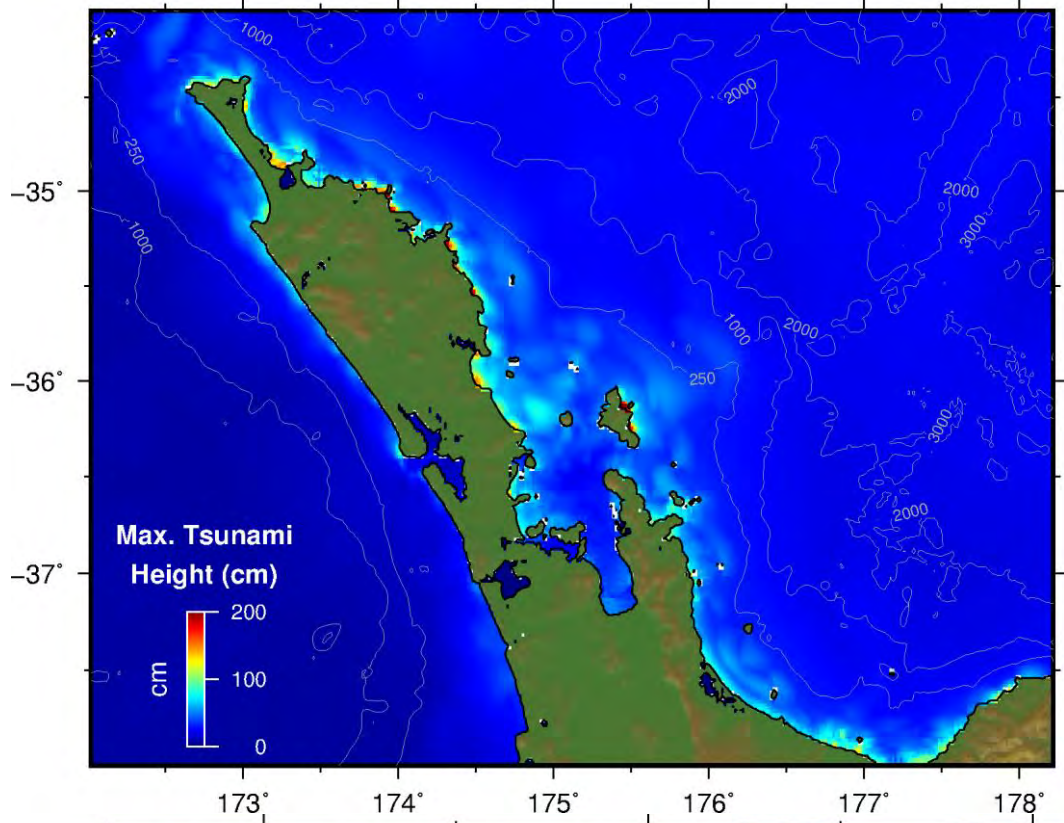


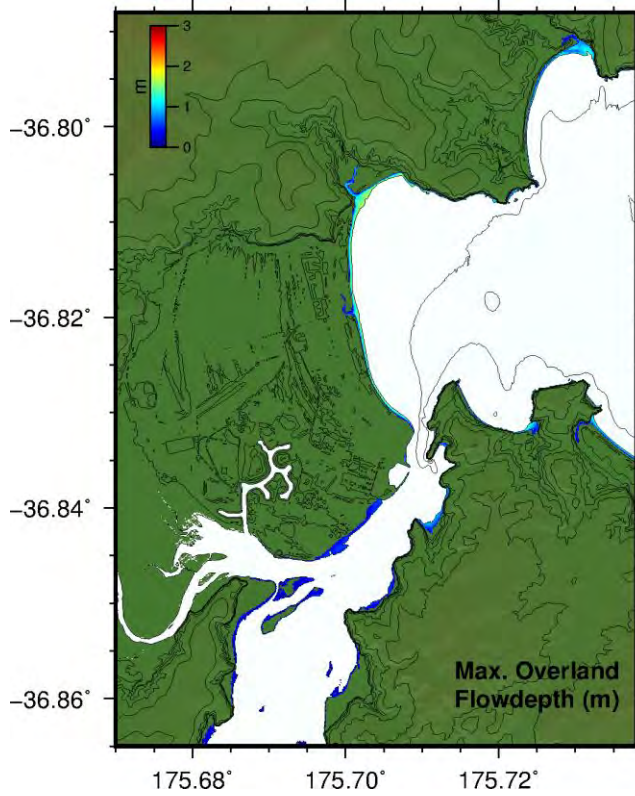
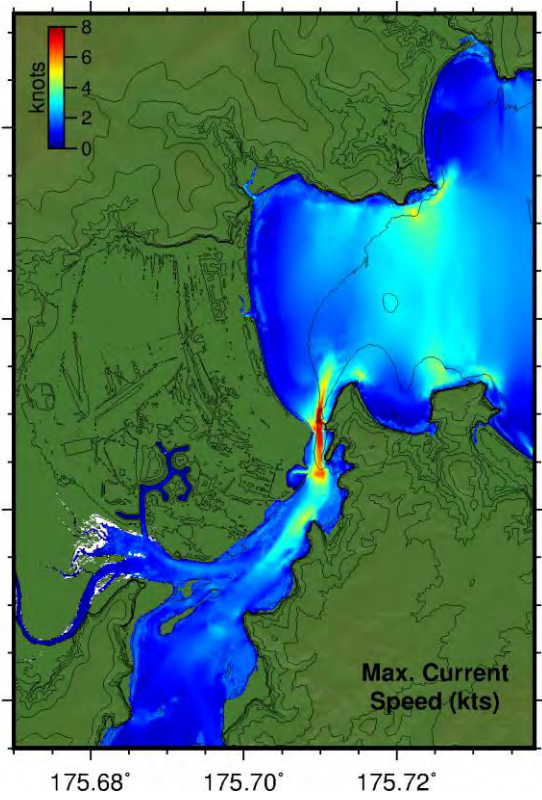
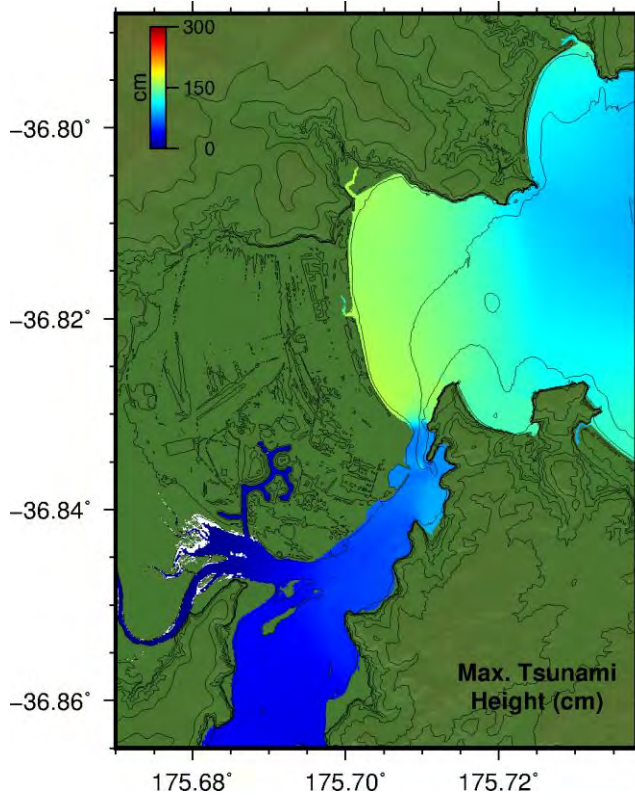
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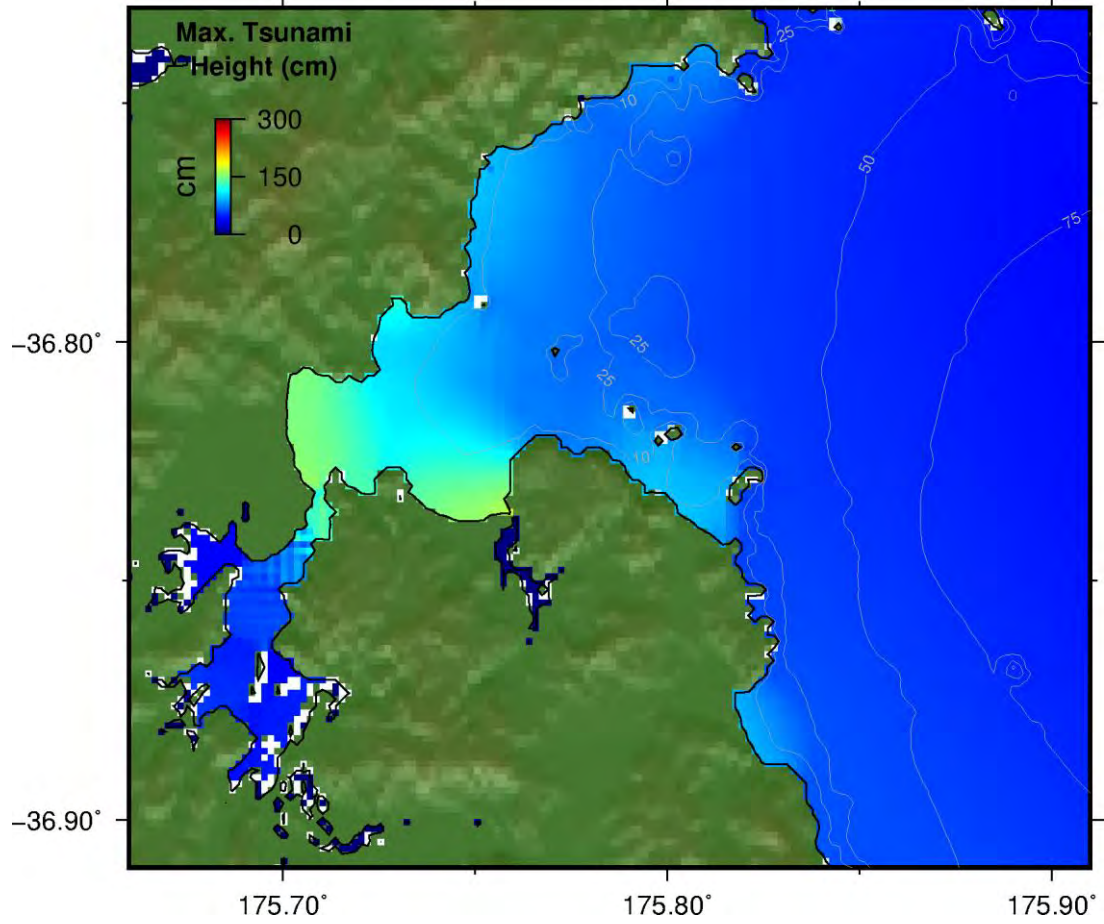
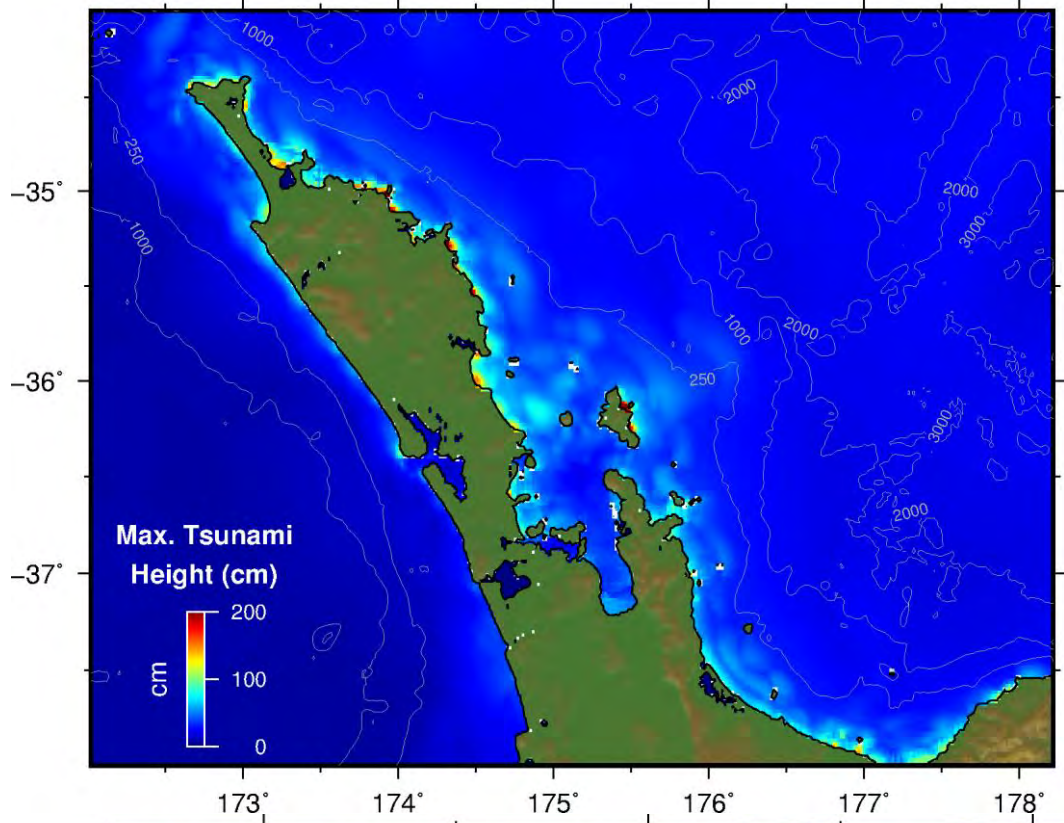


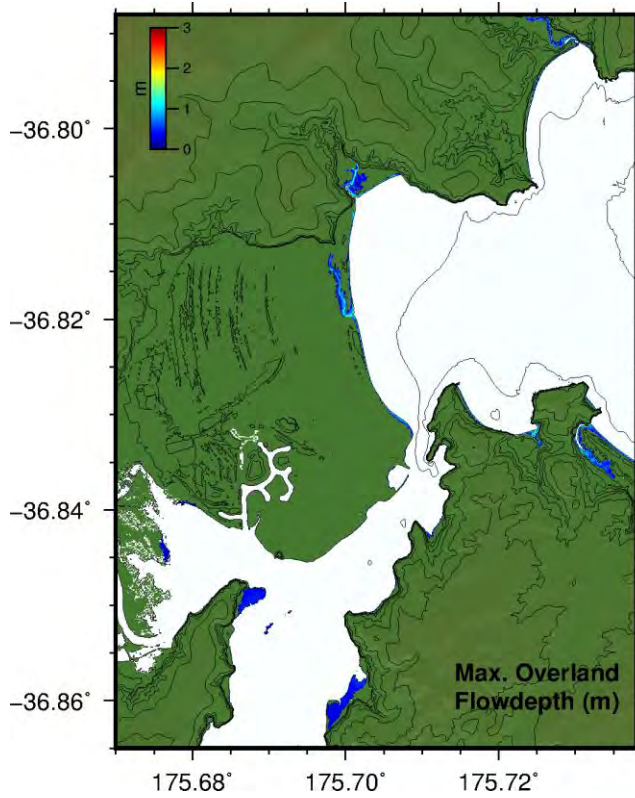
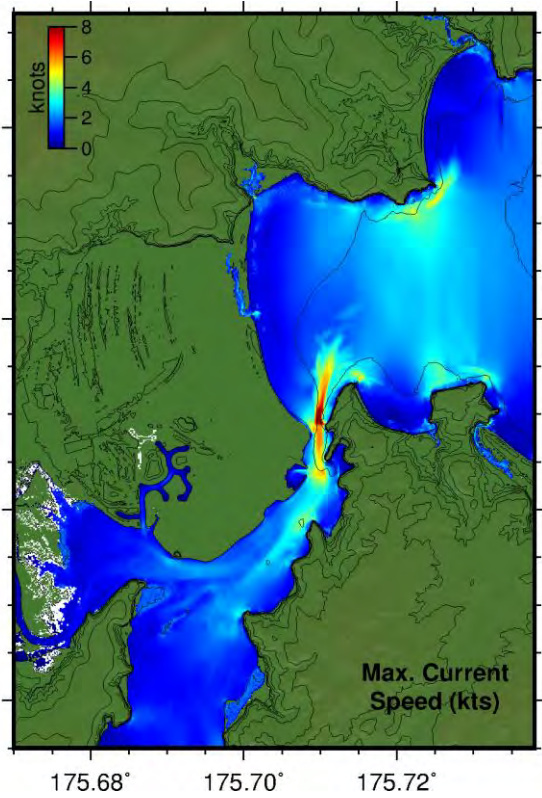
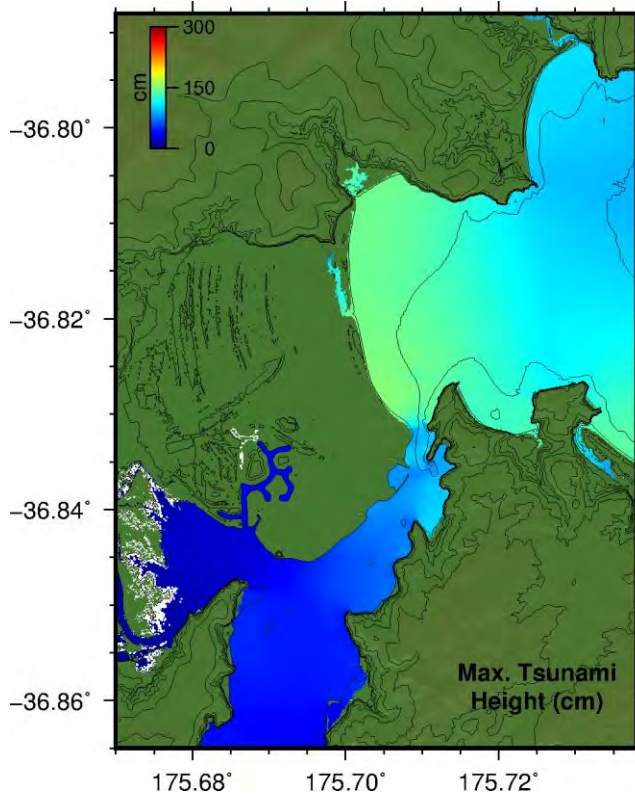
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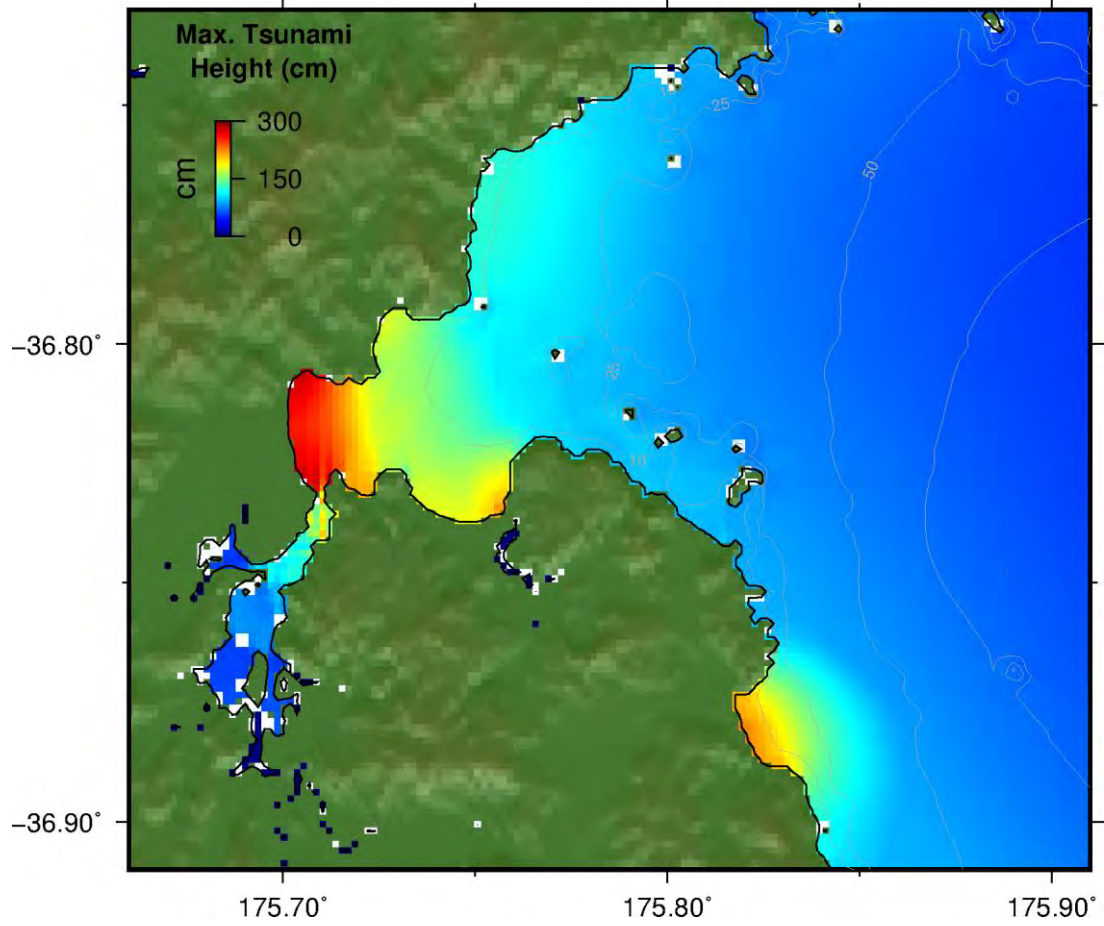
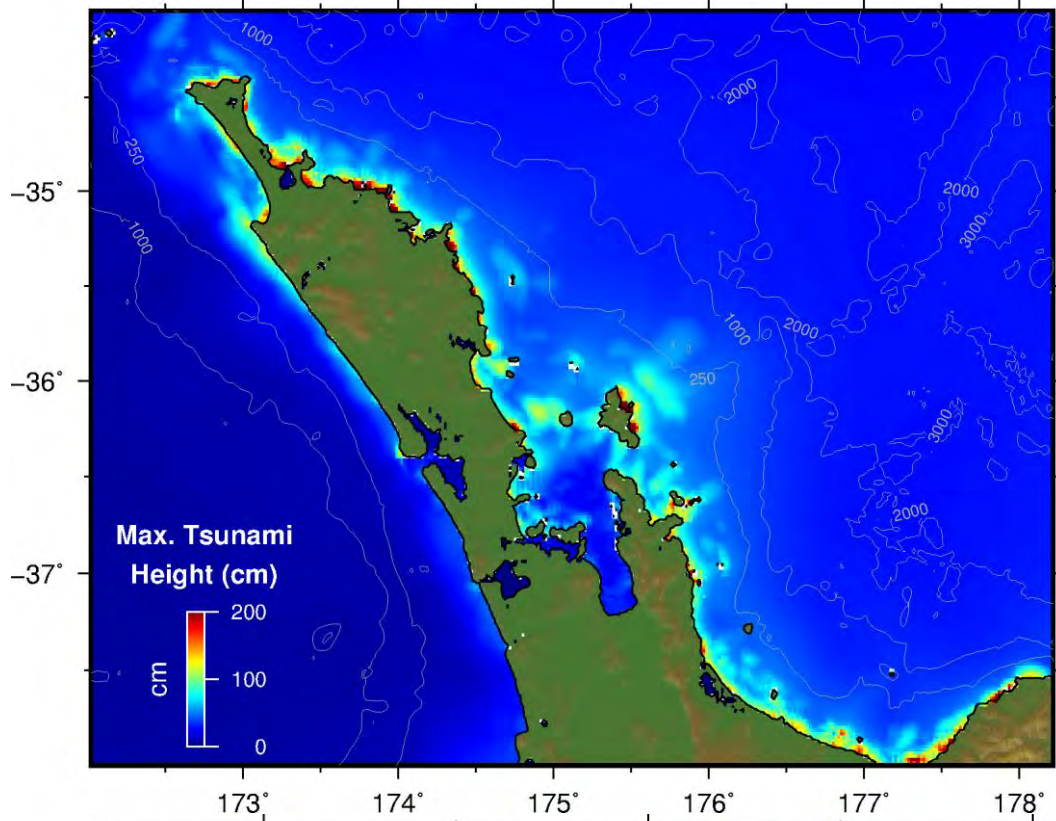


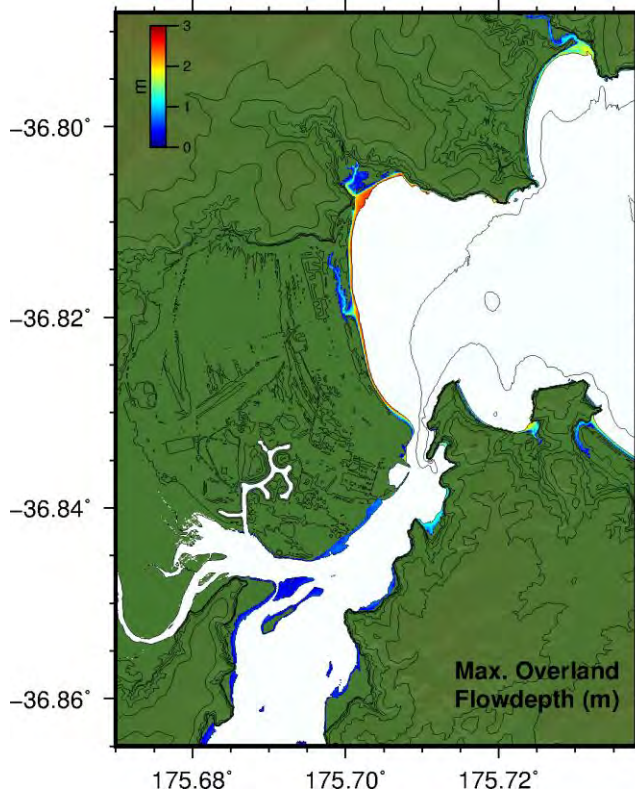
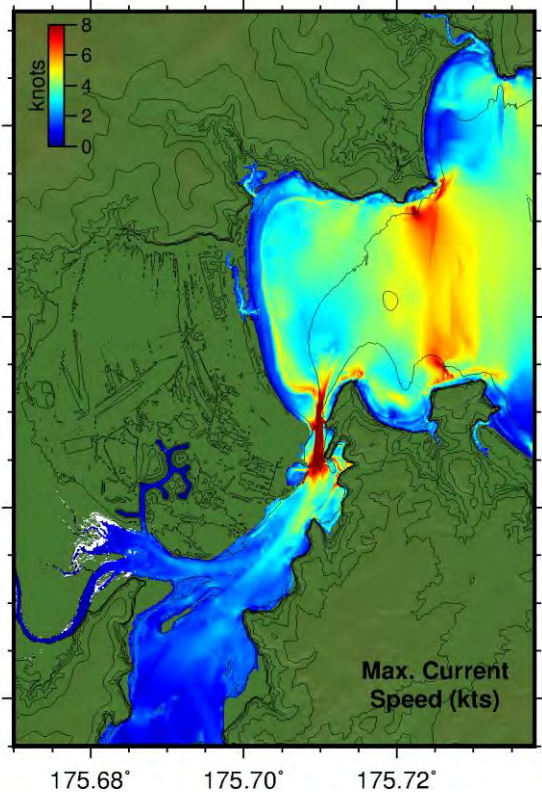
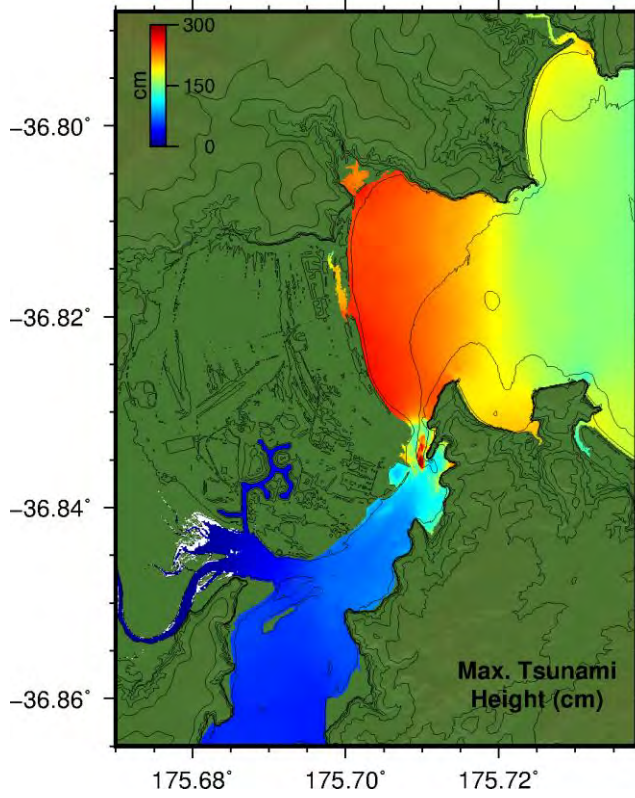
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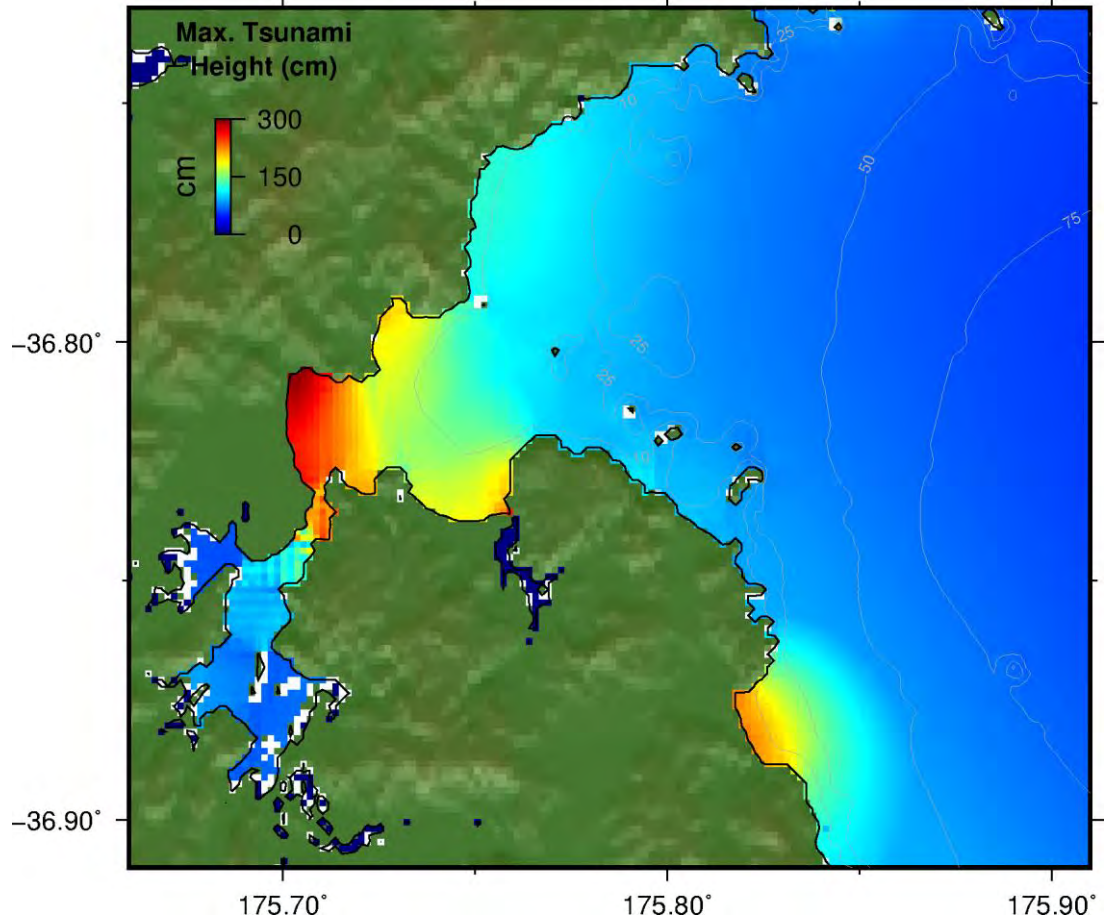
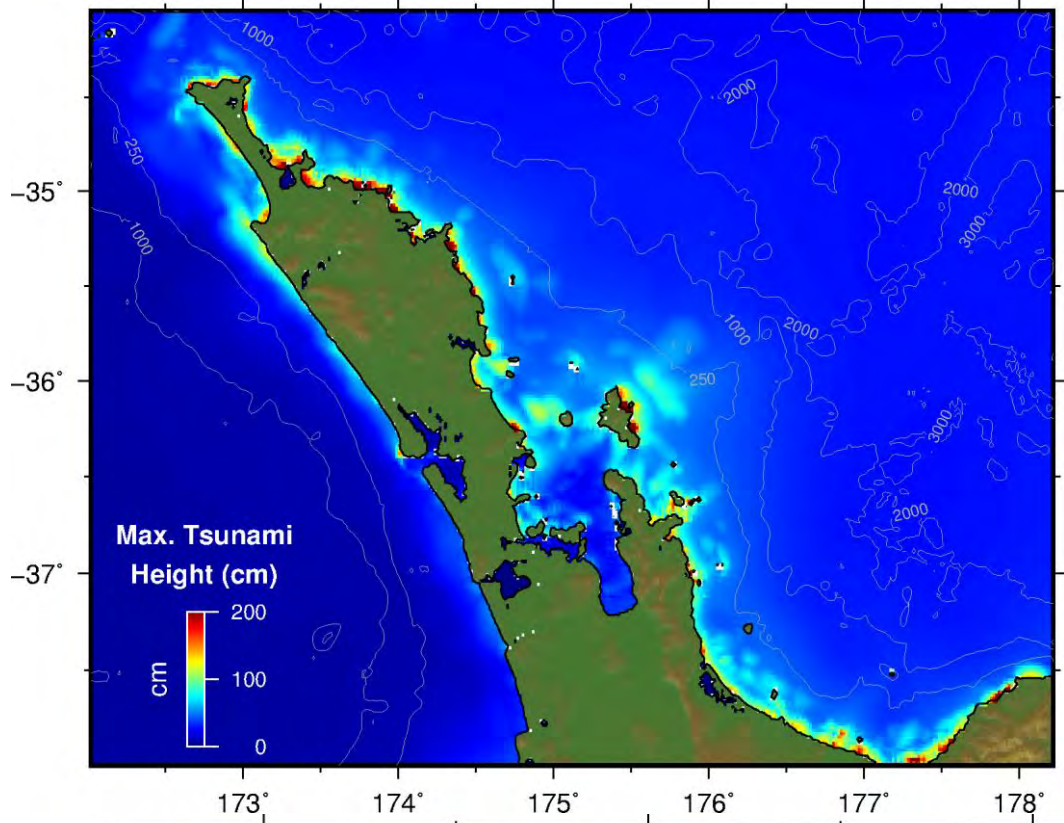


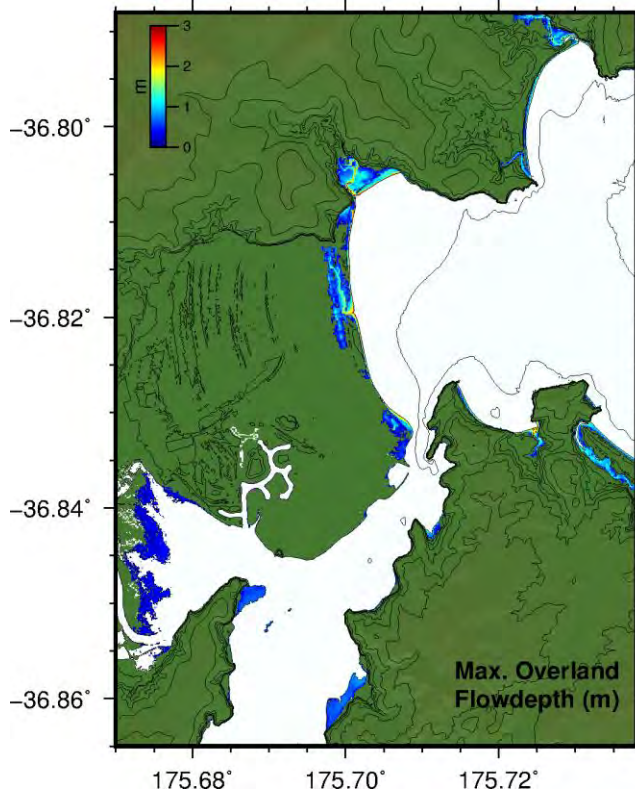
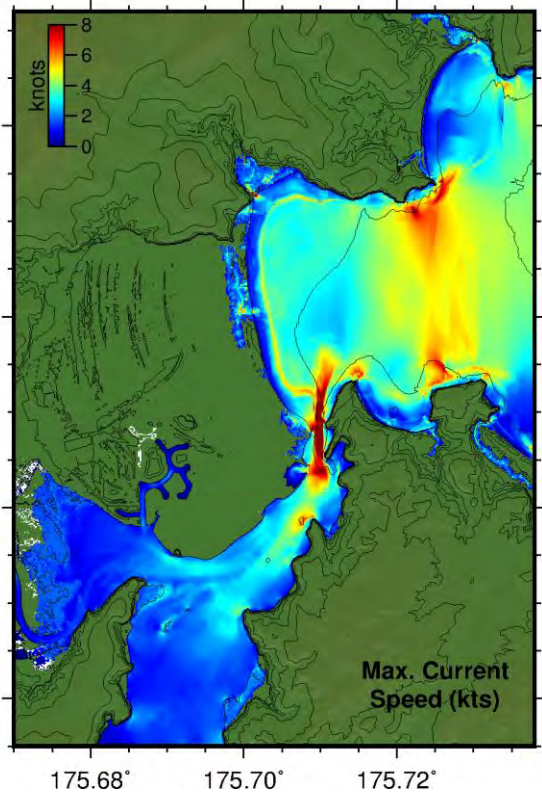
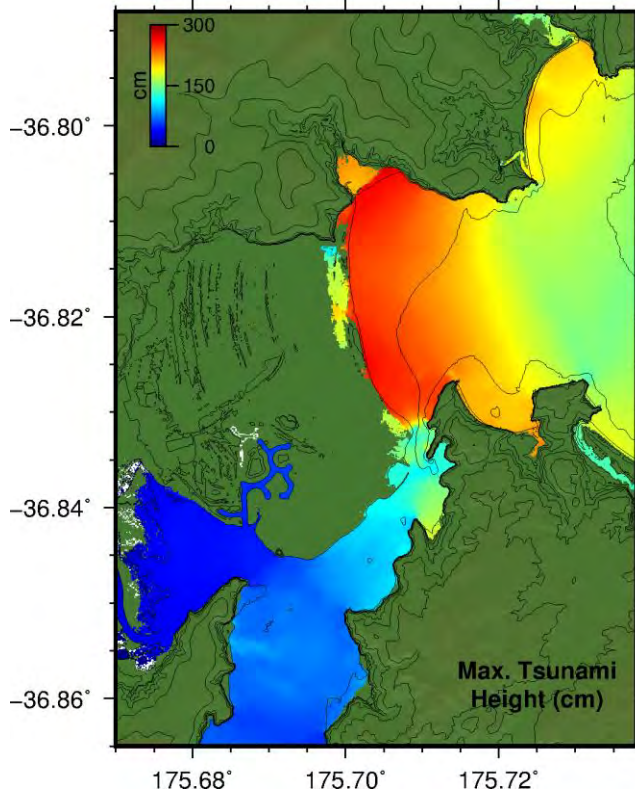
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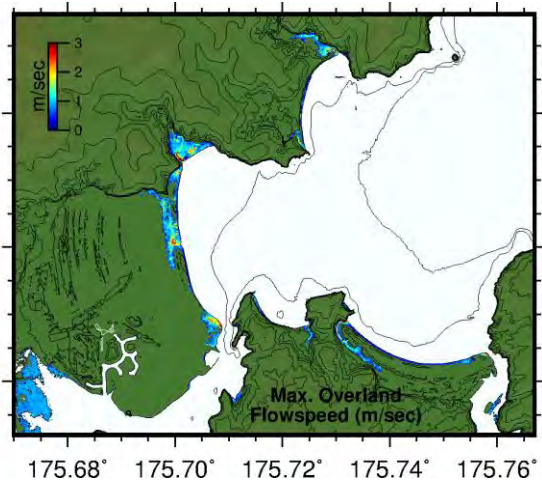
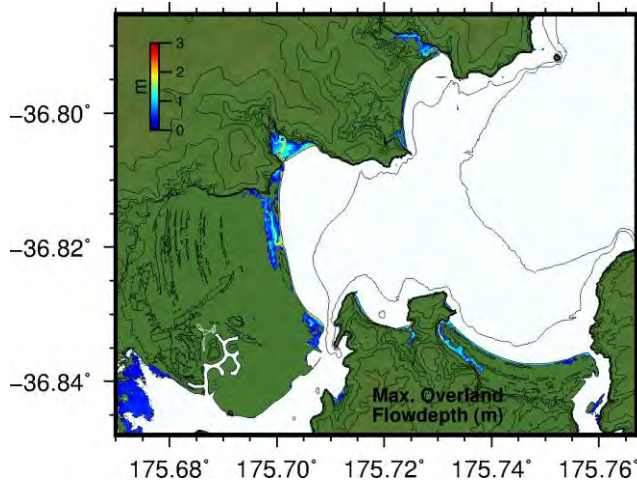
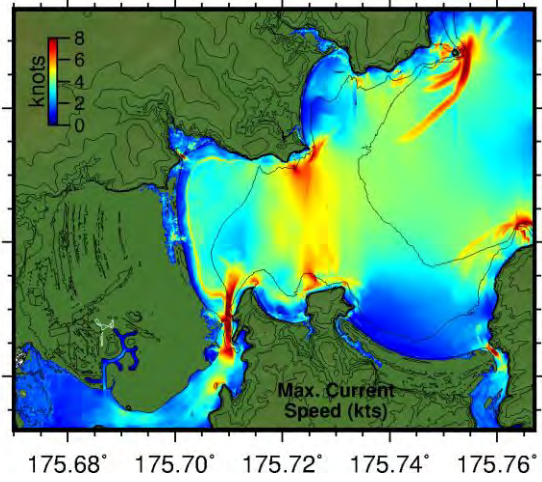
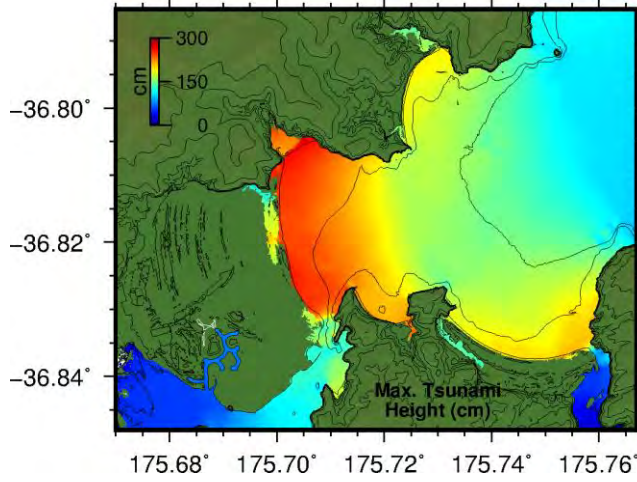


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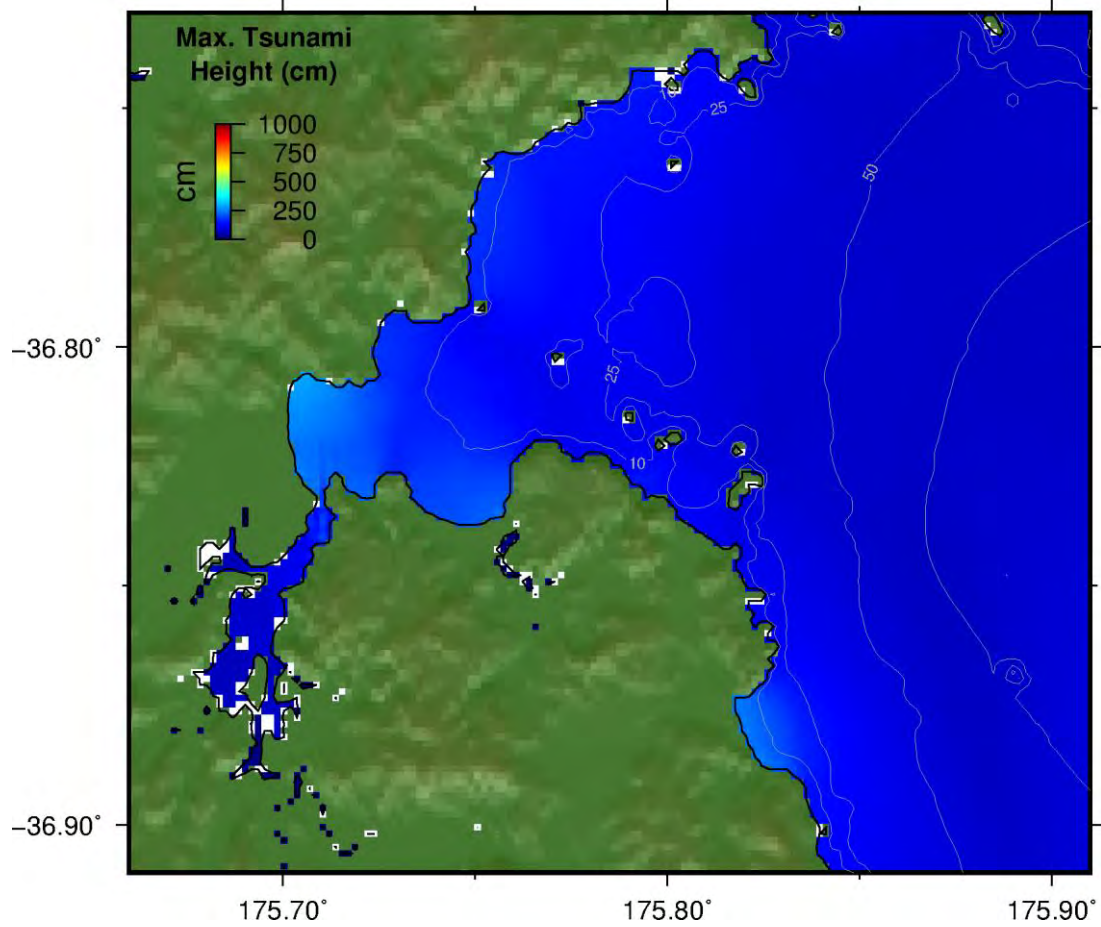
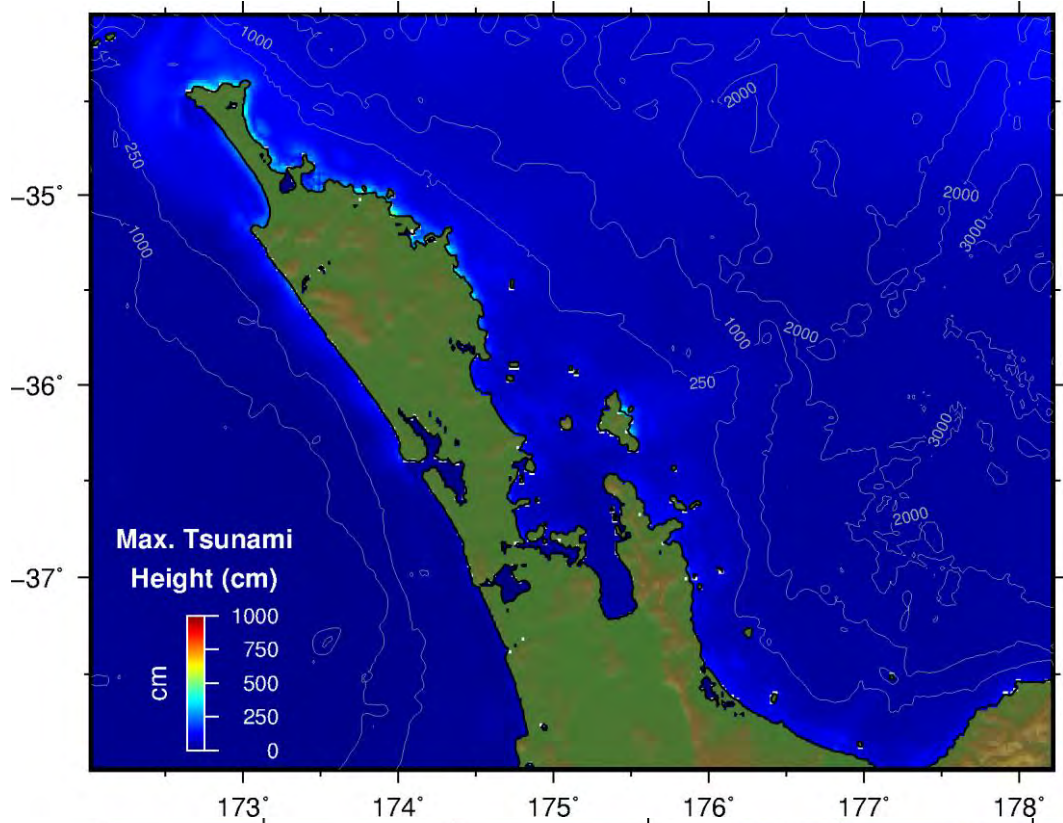


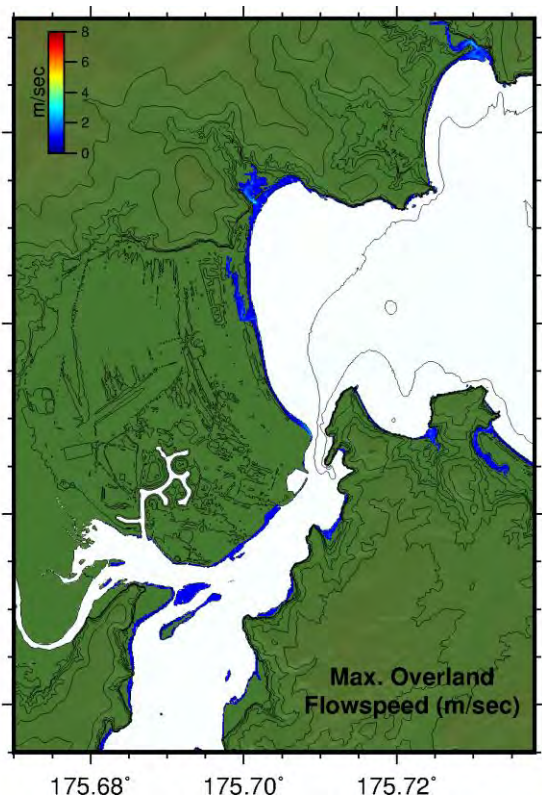
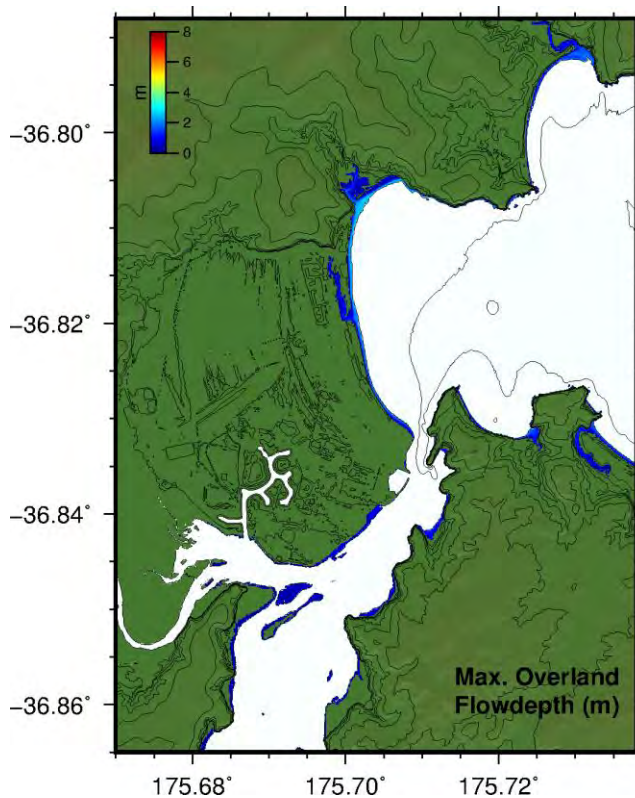
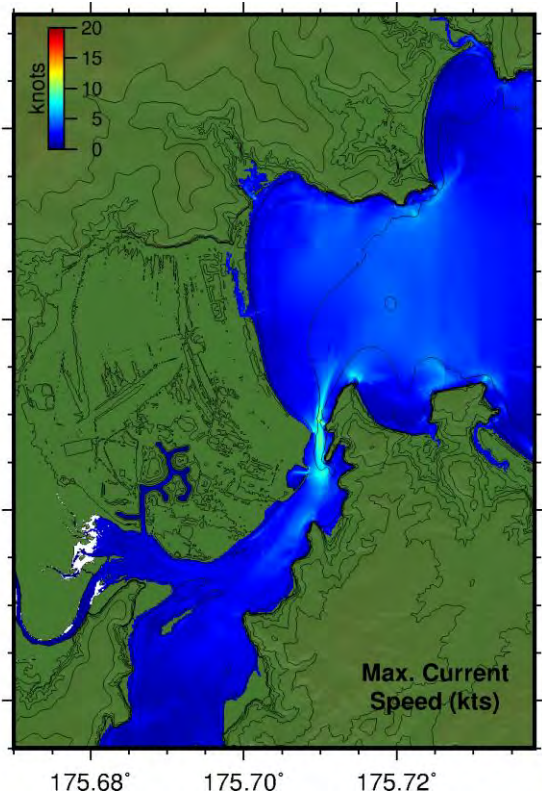
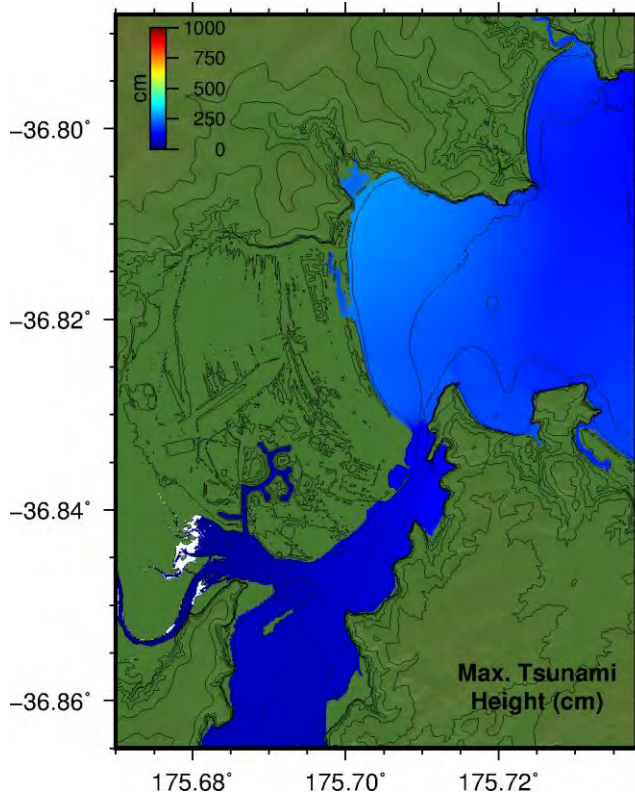


Cook's and Wharekaho

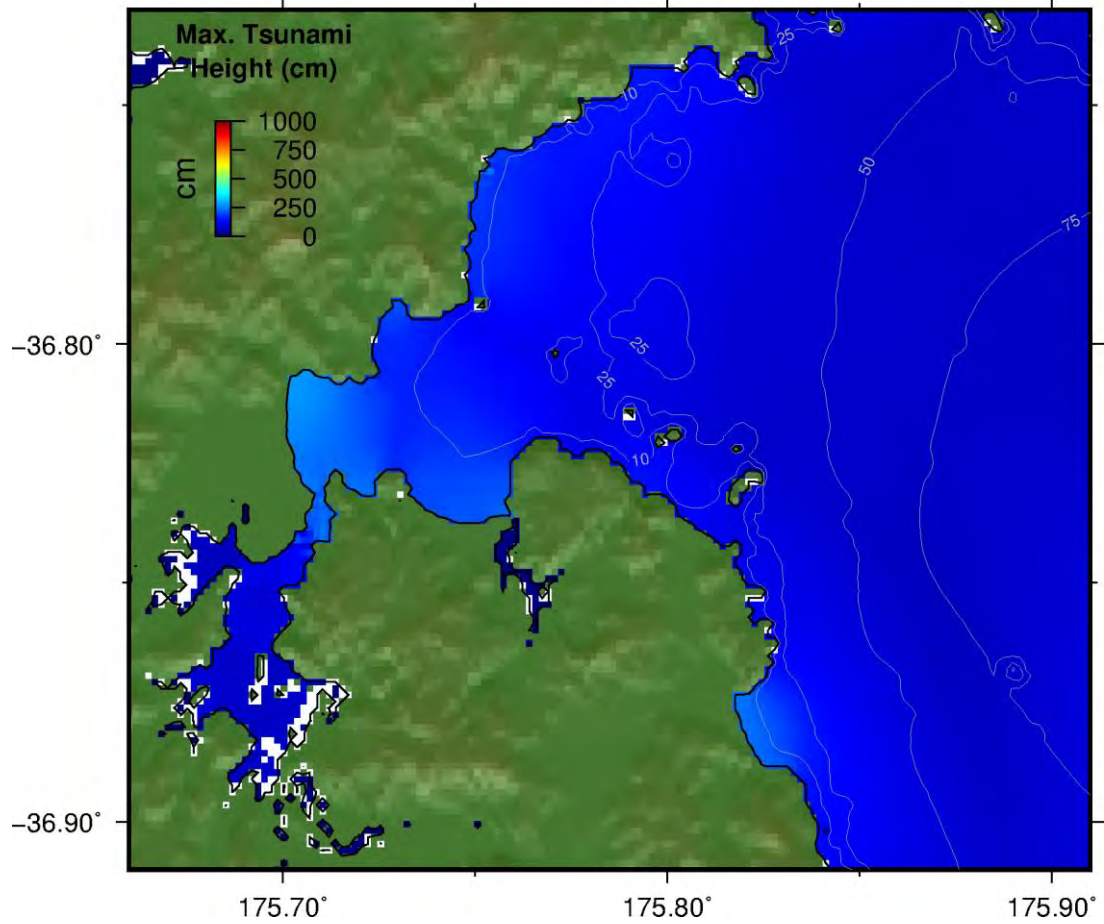
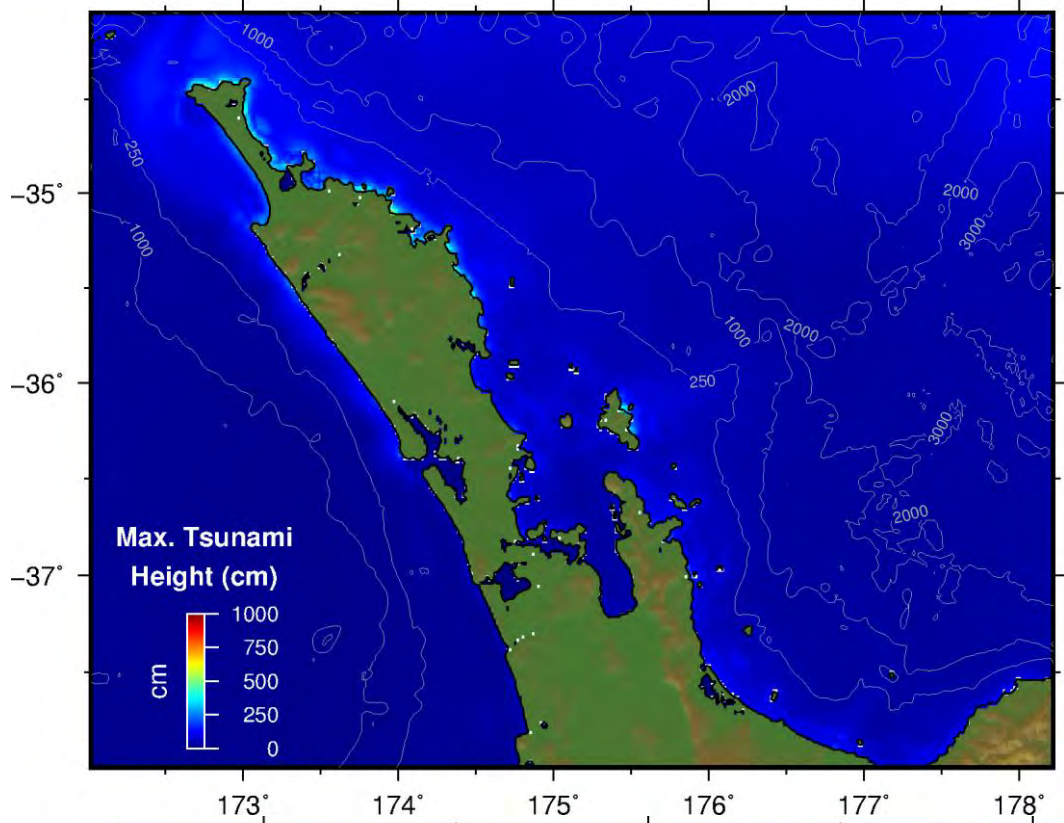


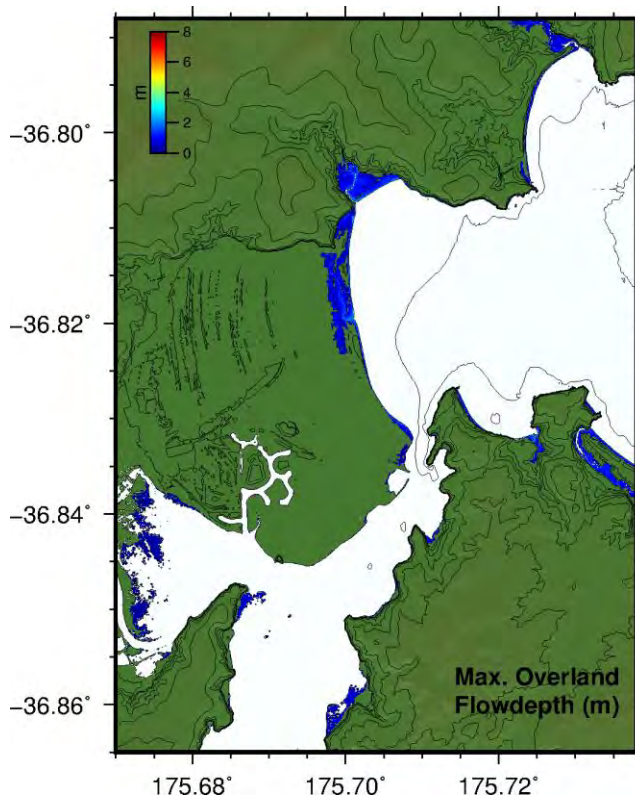
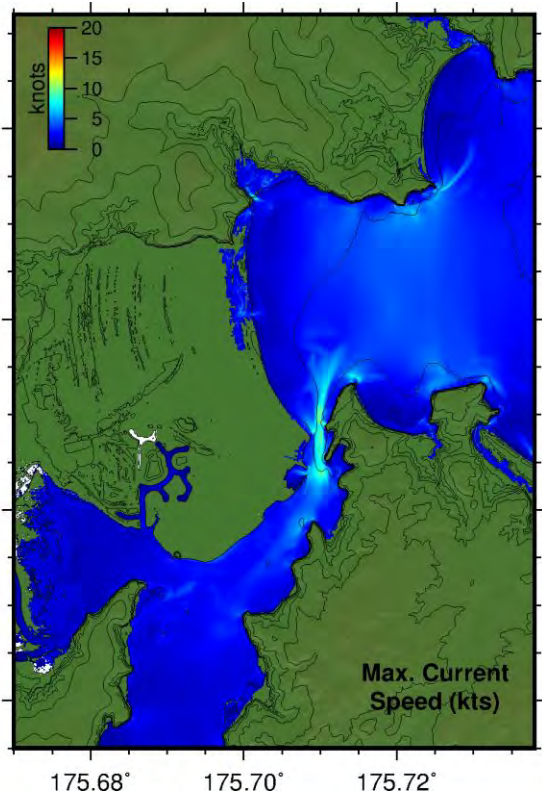
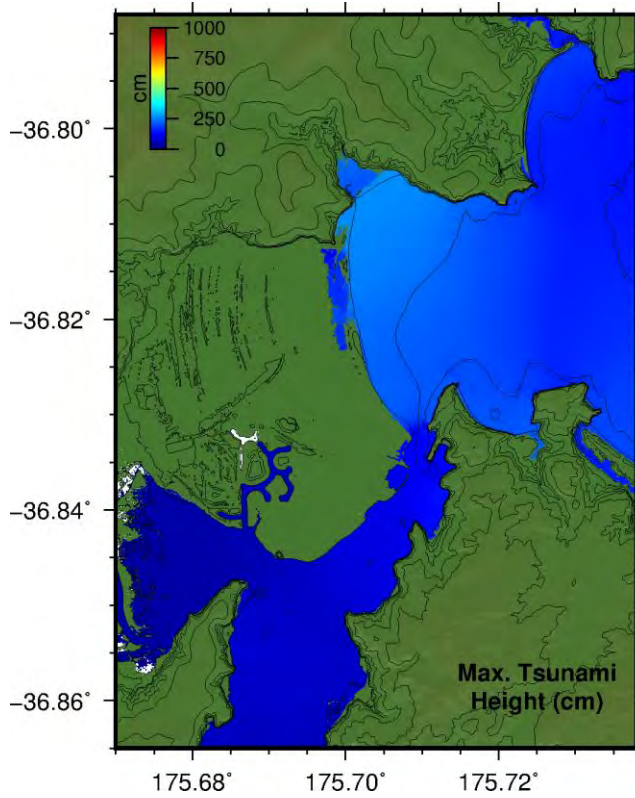
TK 01



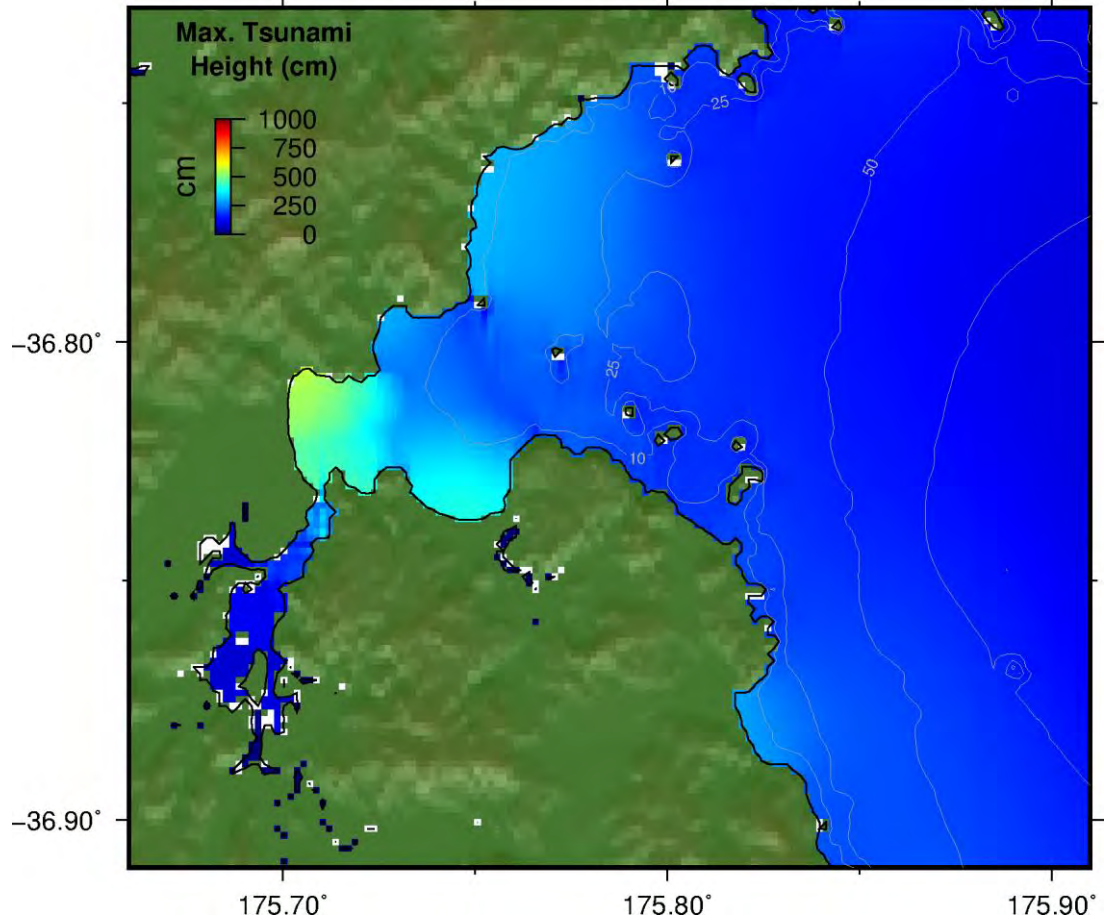
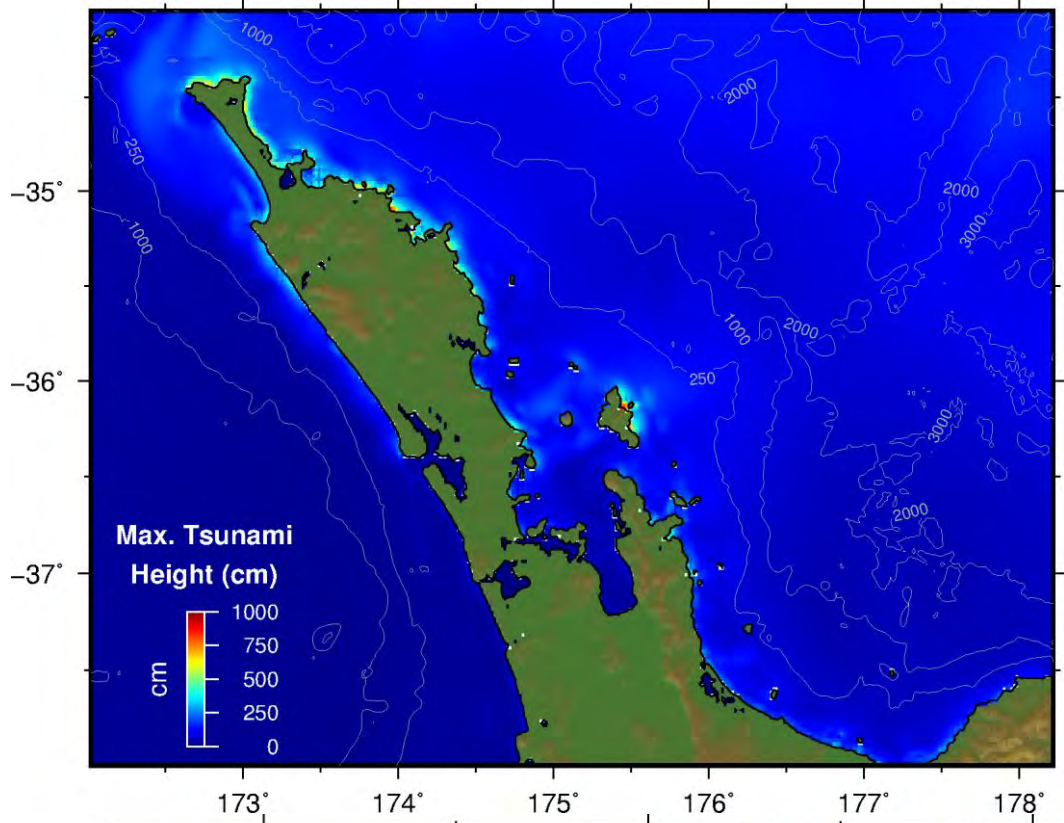


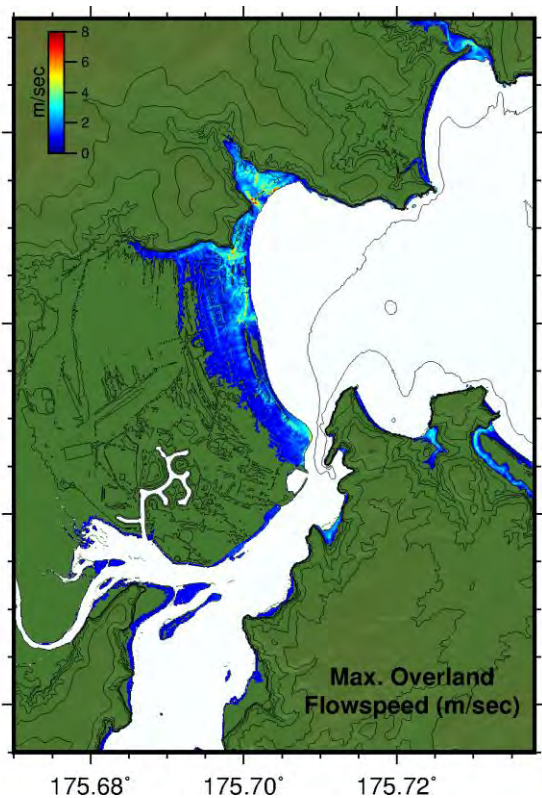
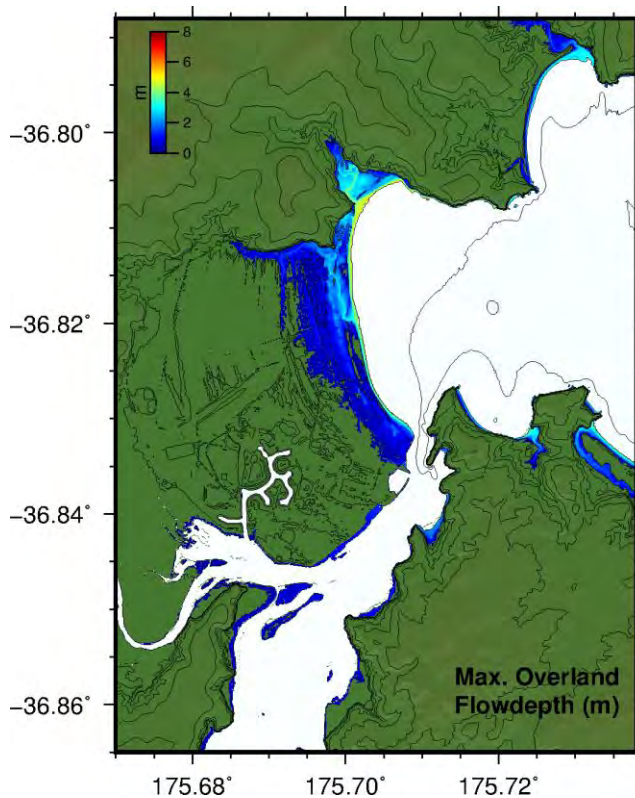
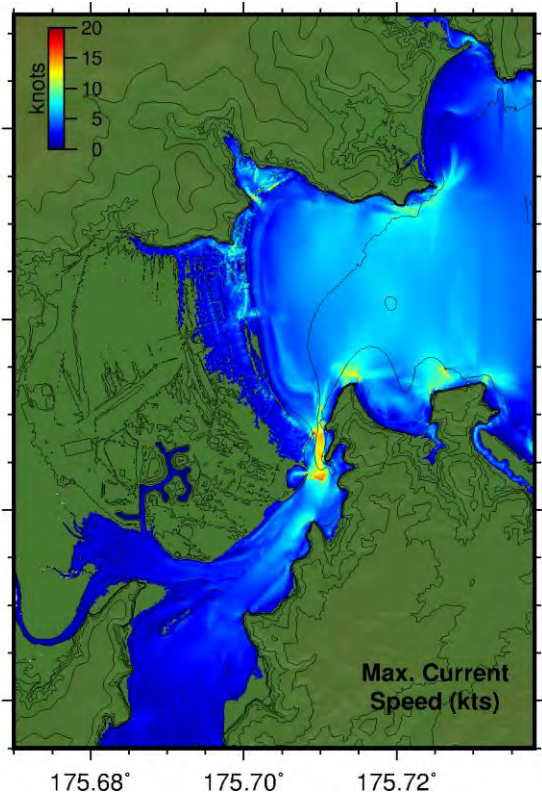
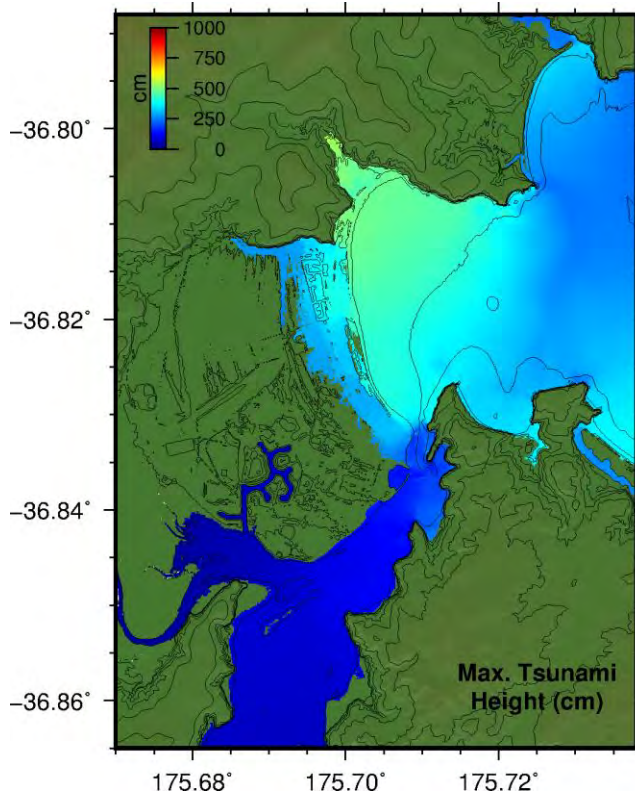
TK 01 HT



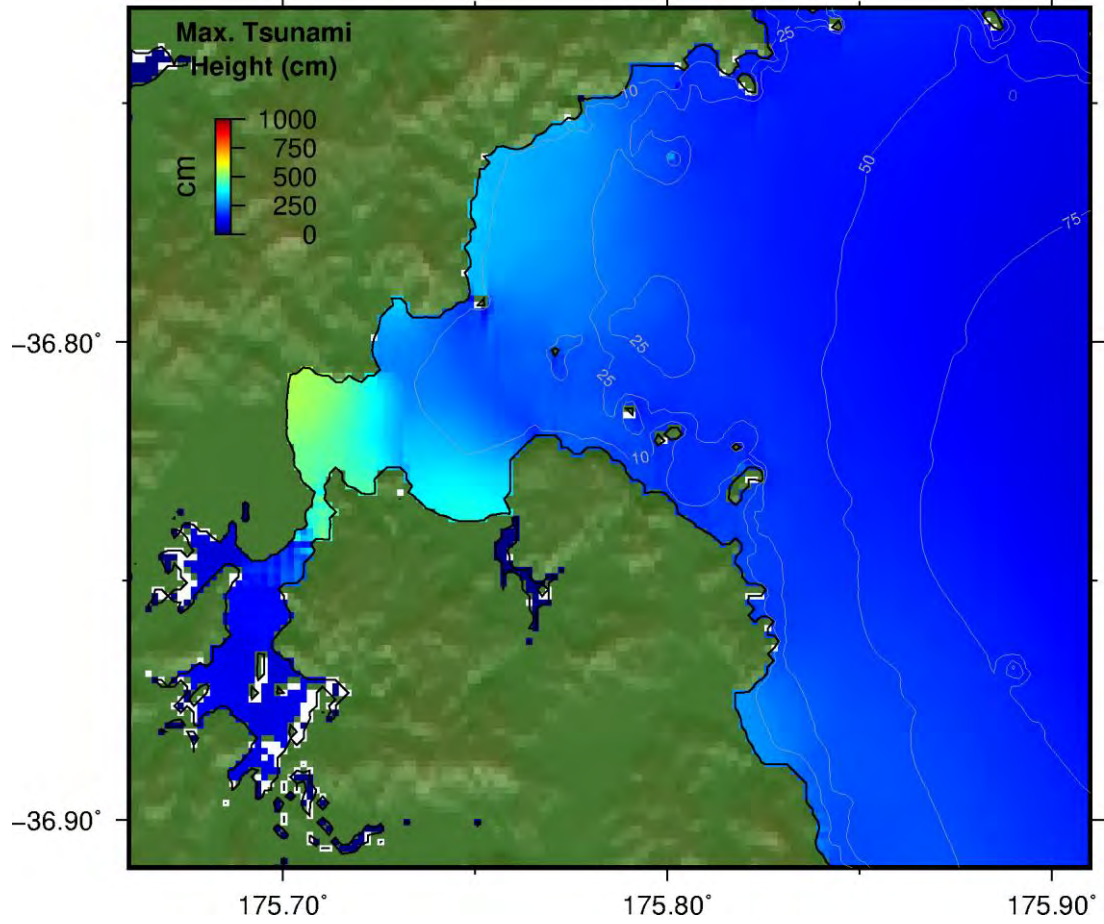
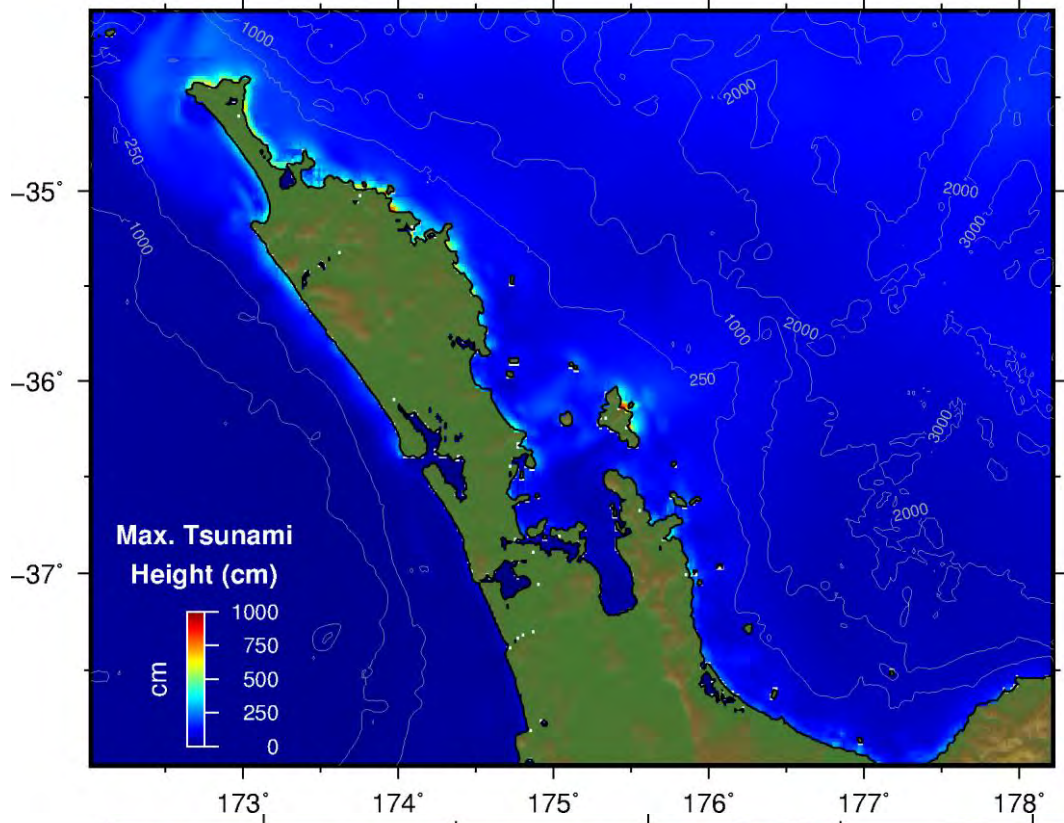


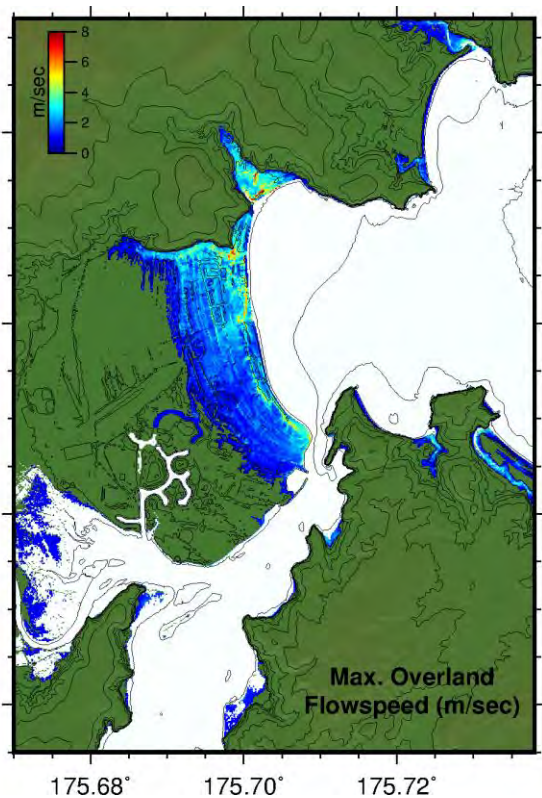
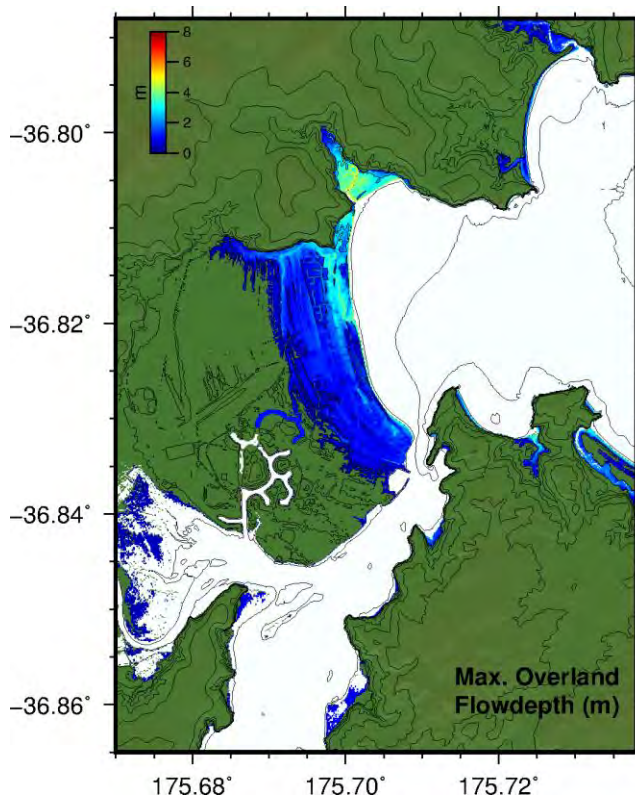
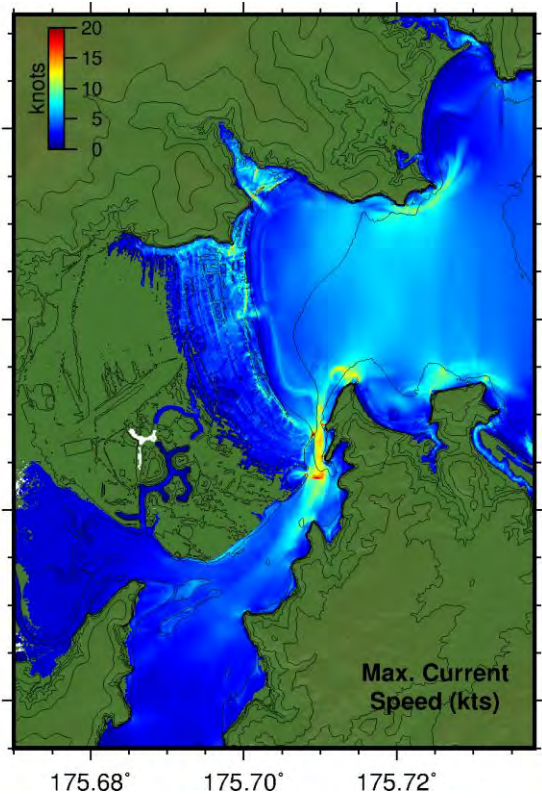
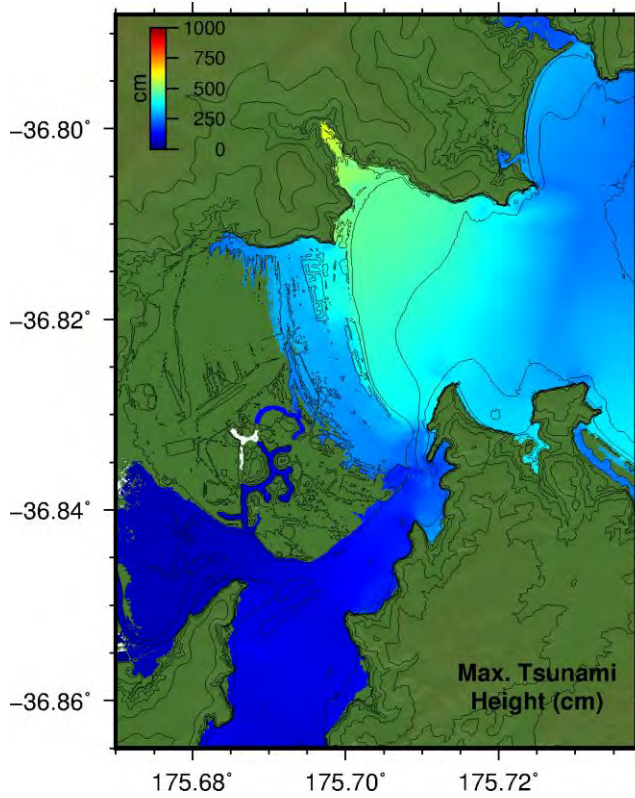
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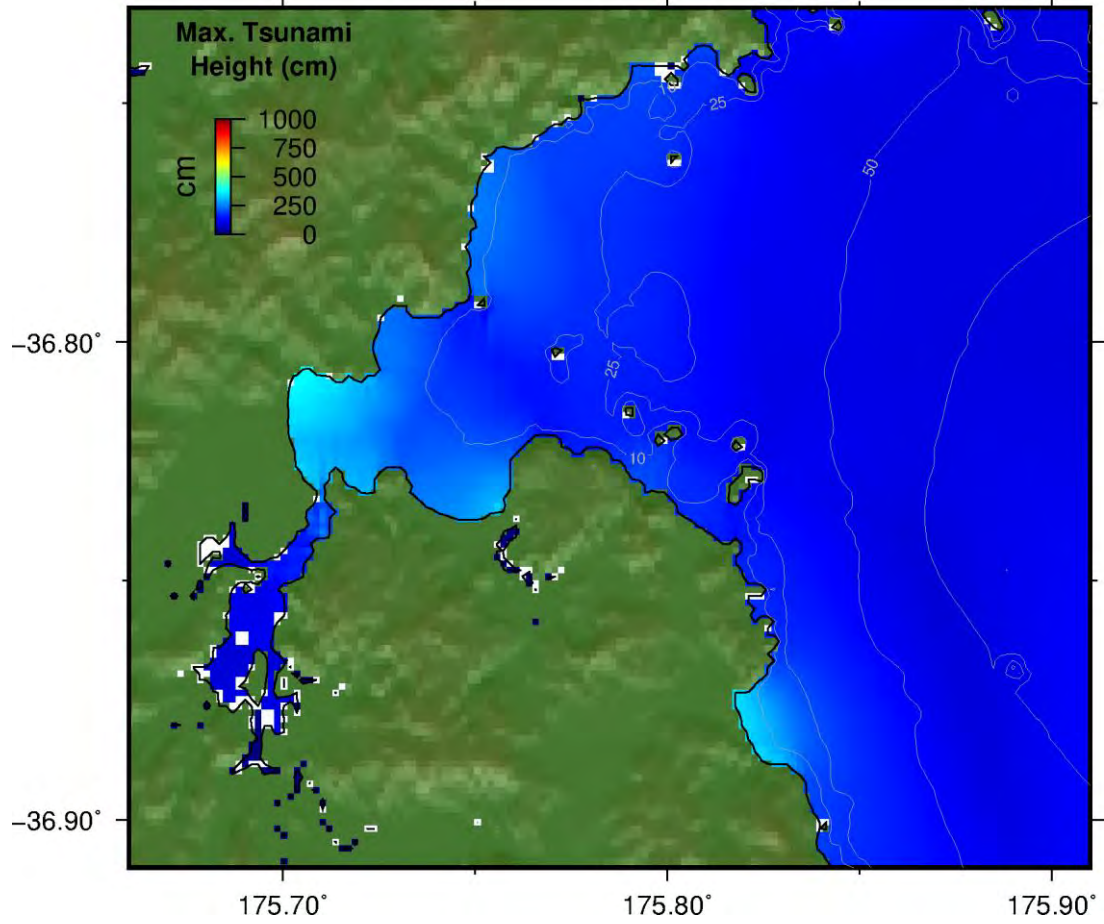
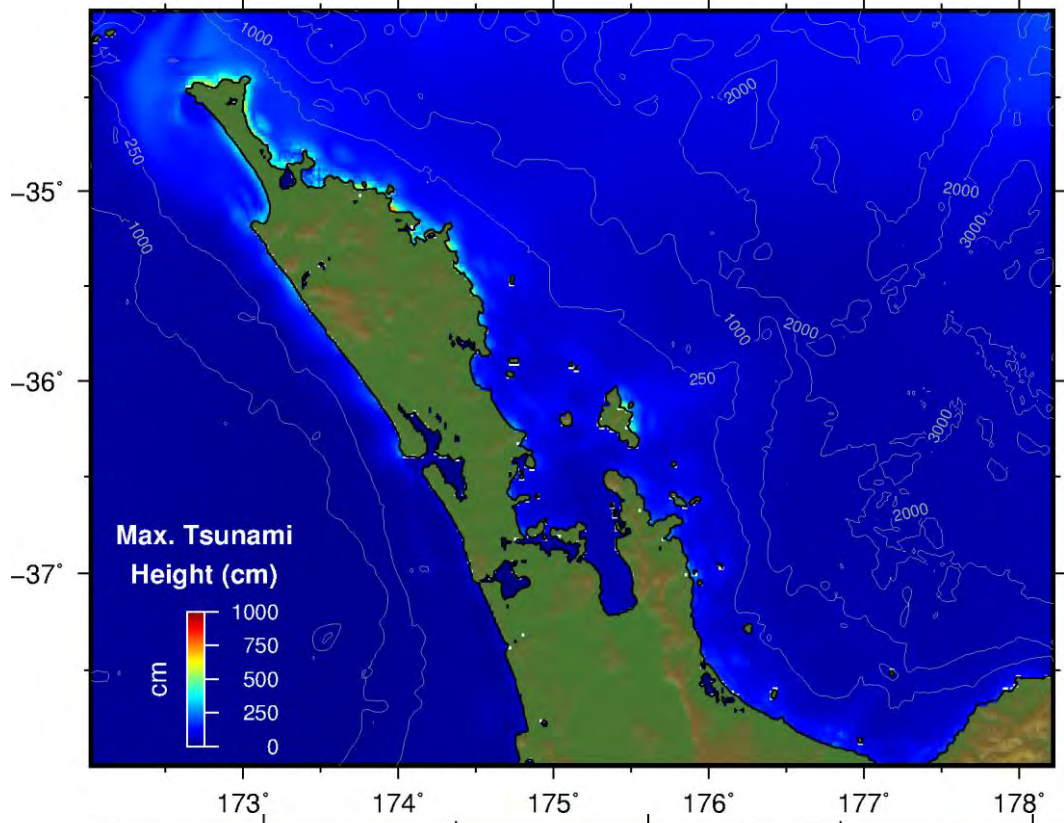


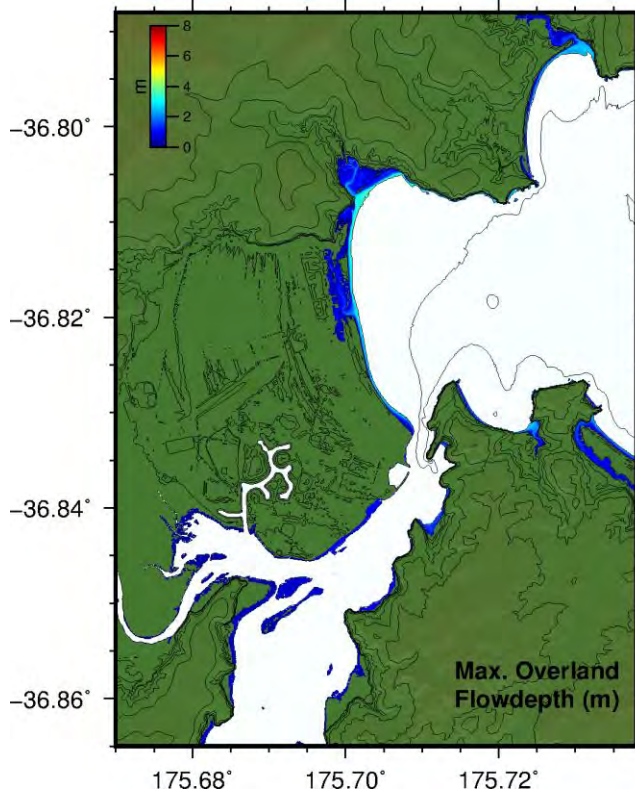
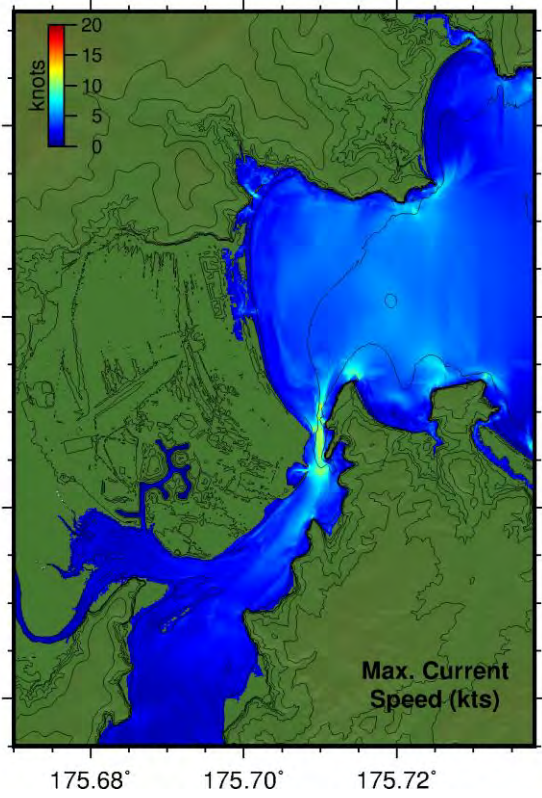
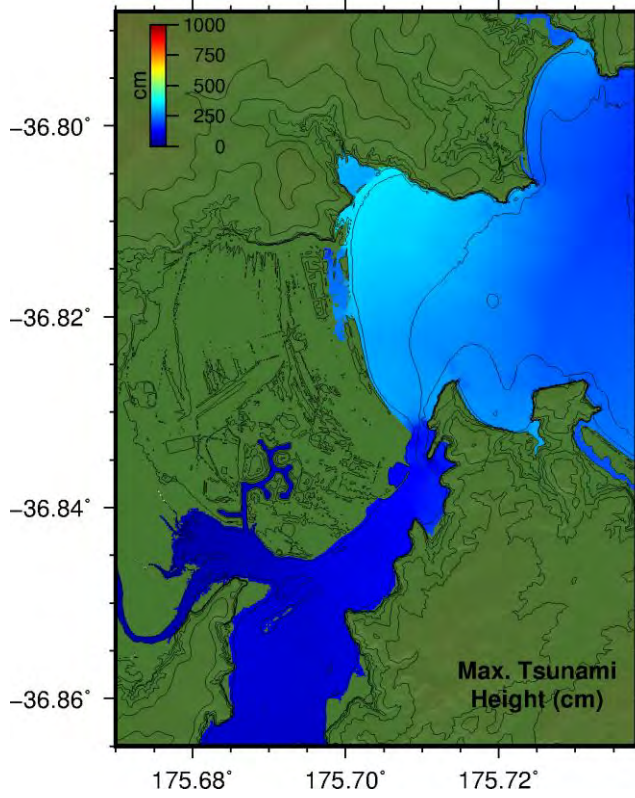
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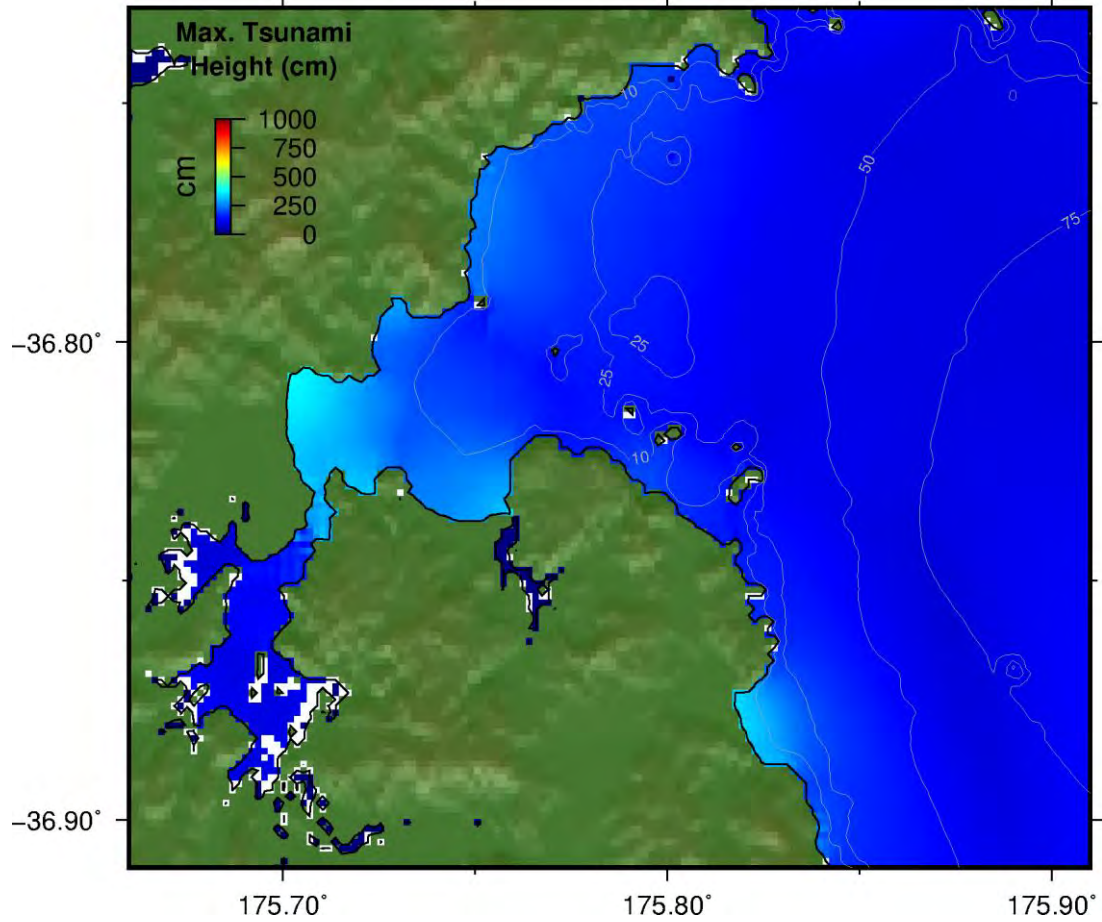
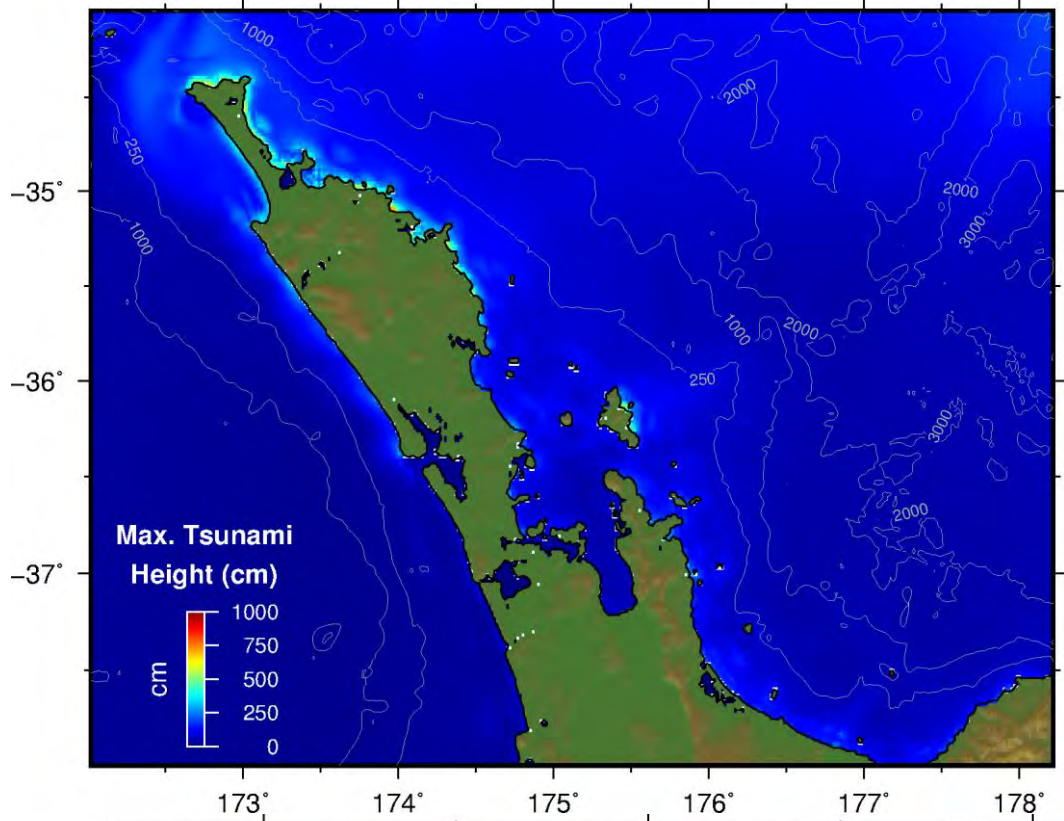


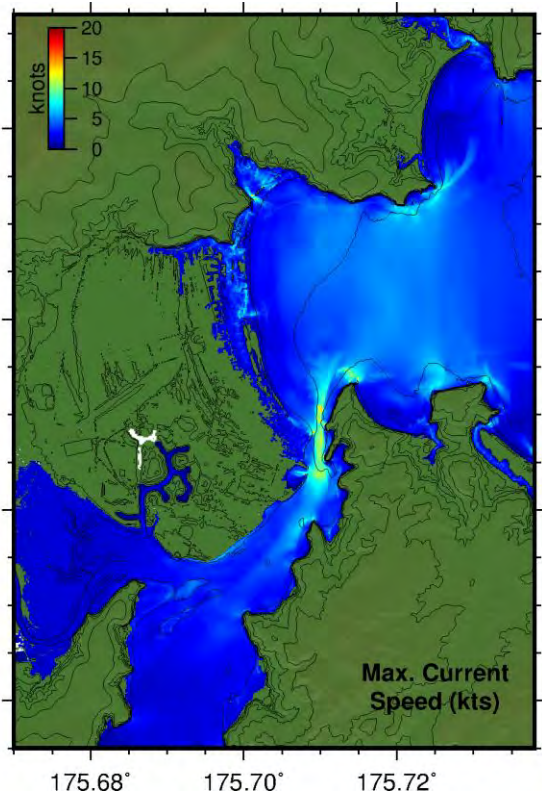
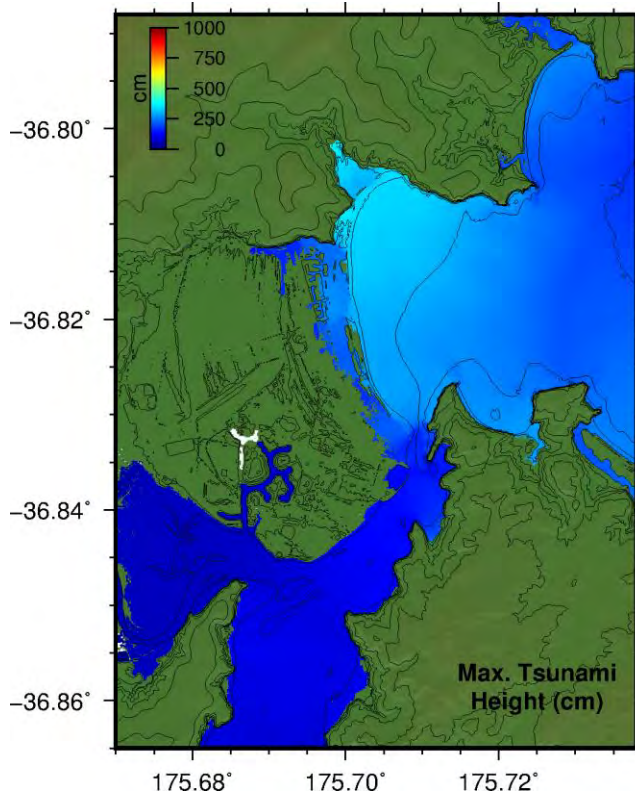
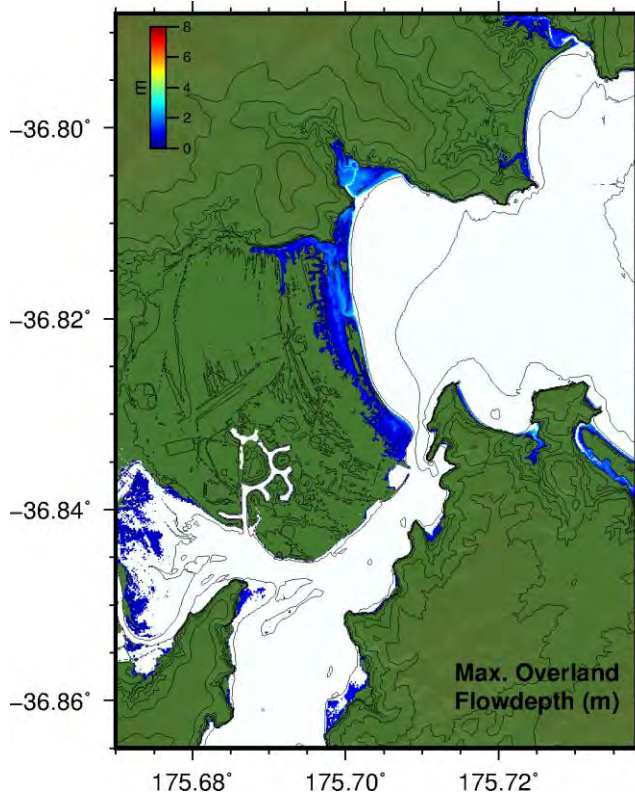
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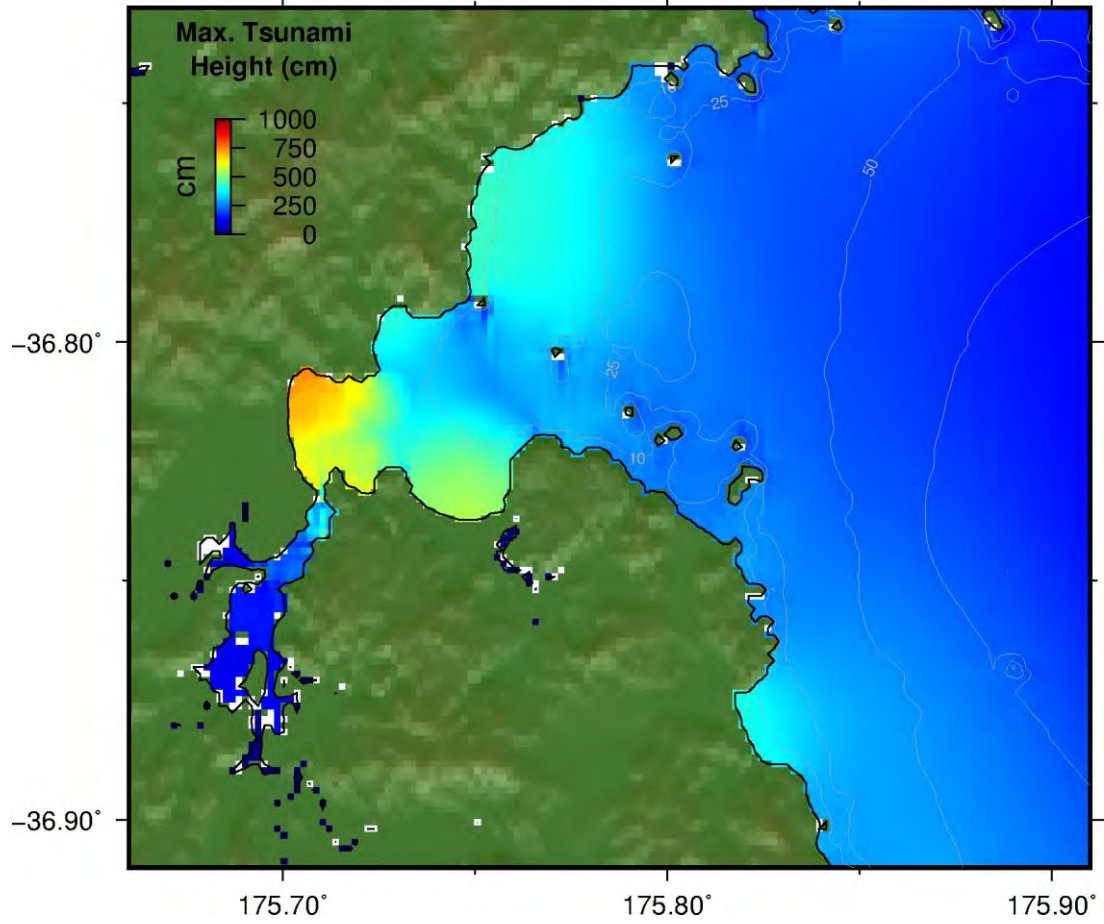
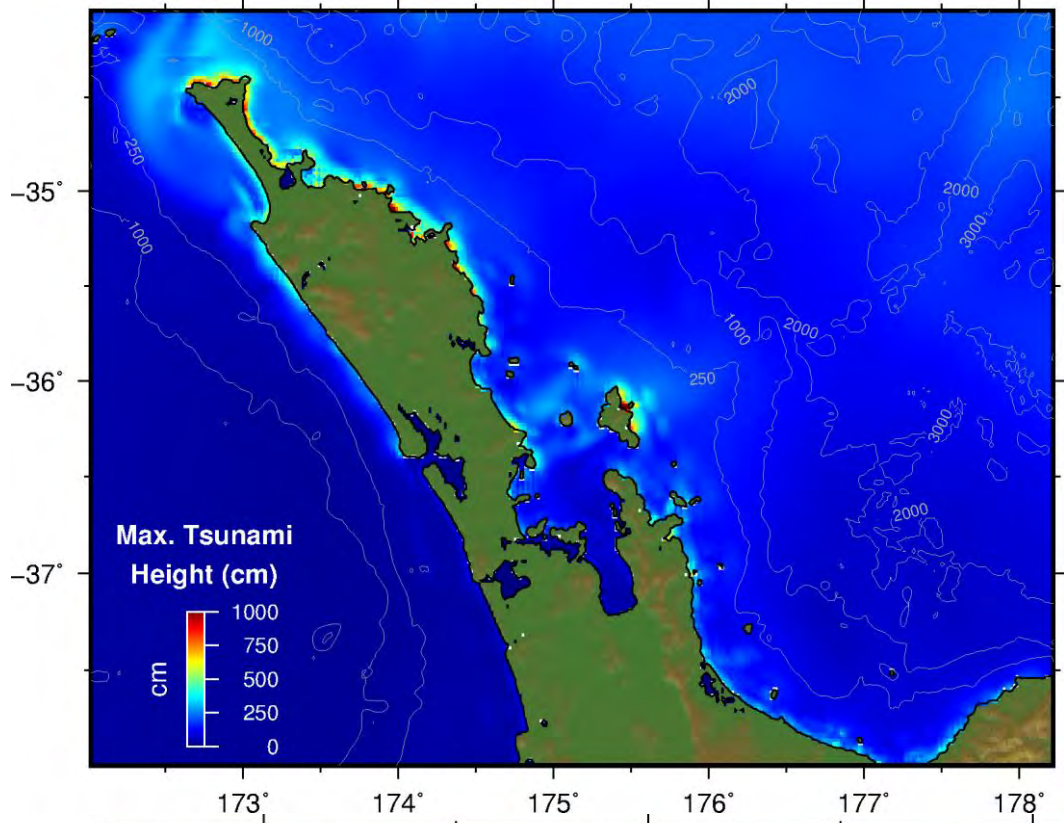


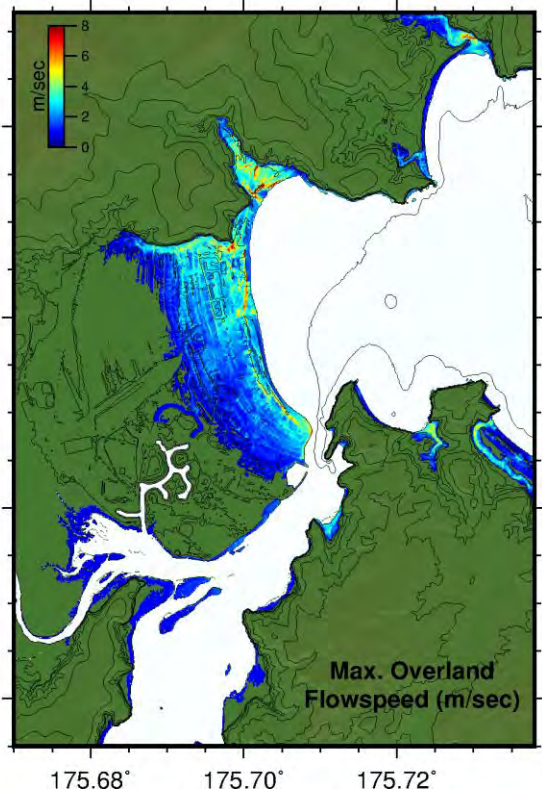
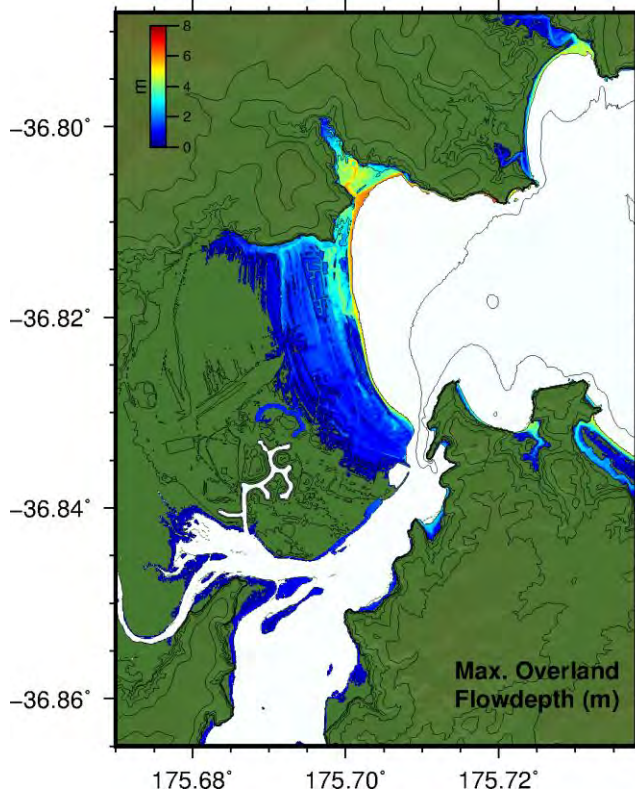
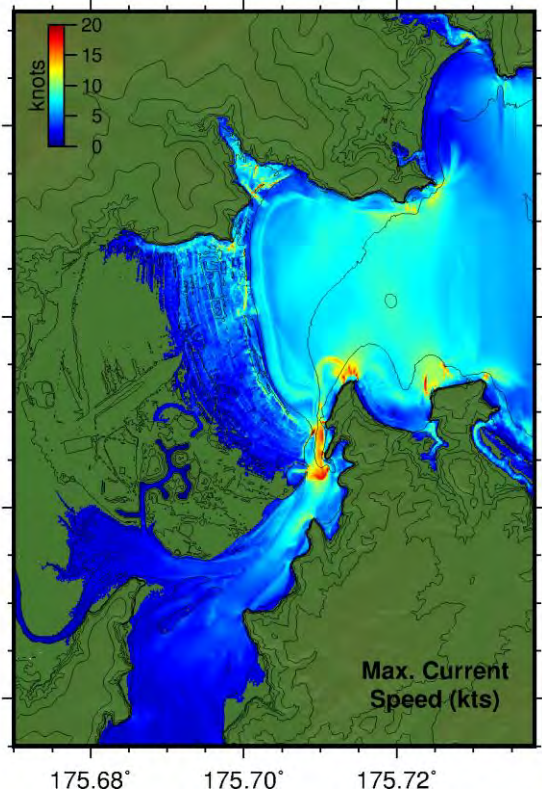
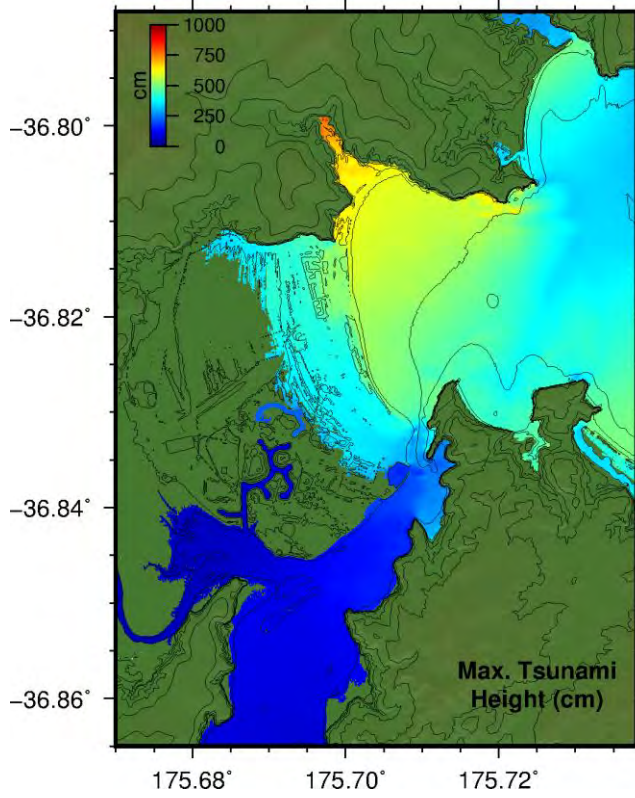
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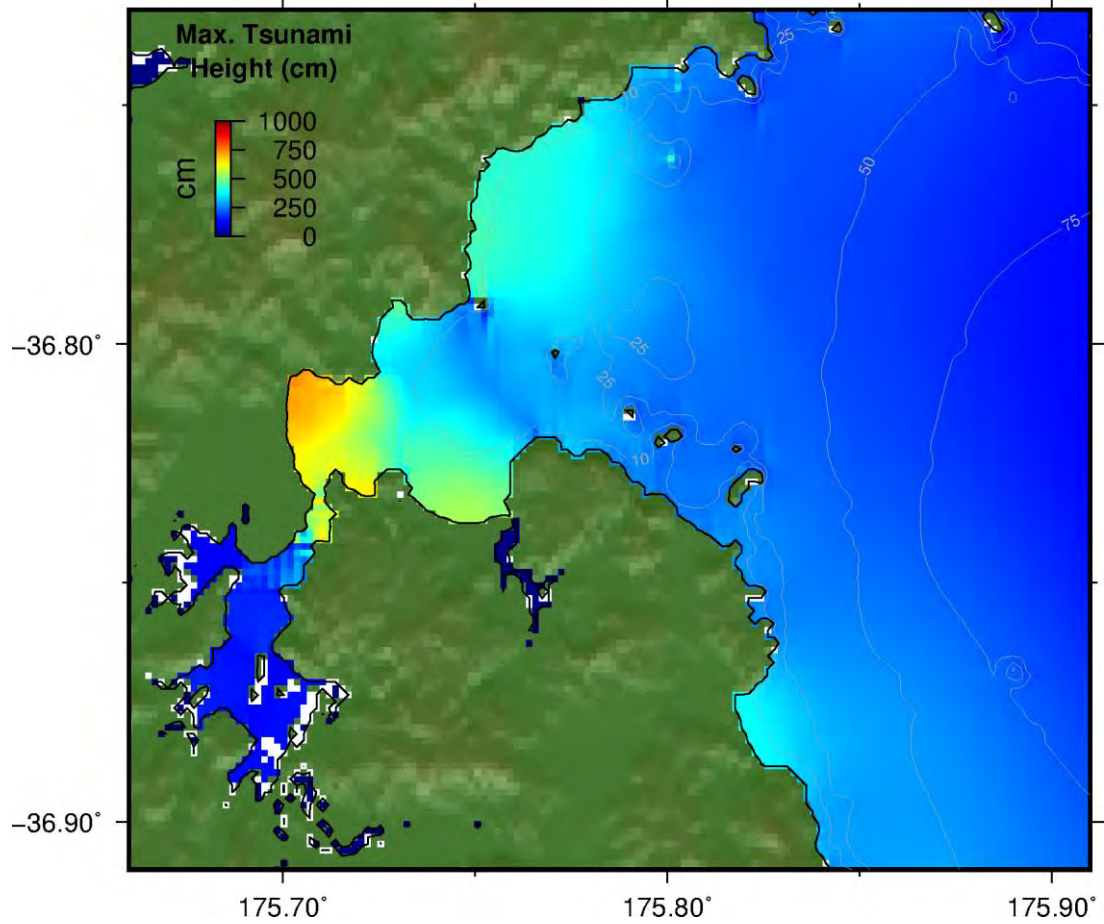
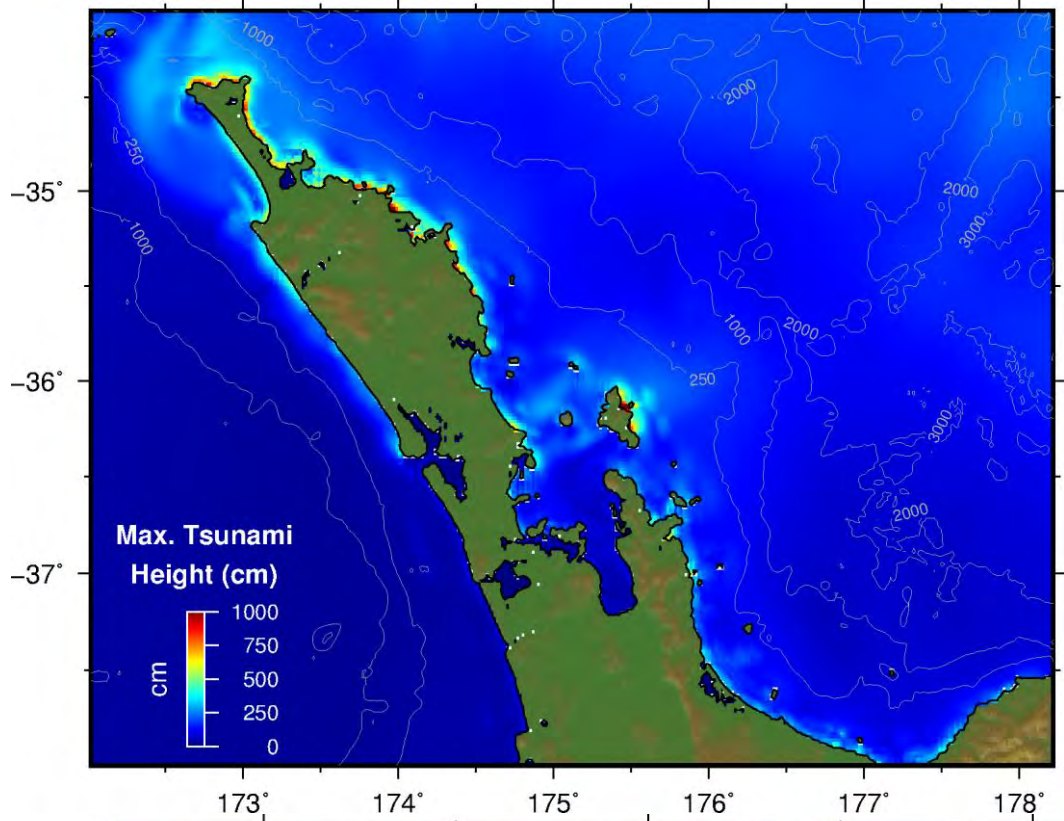


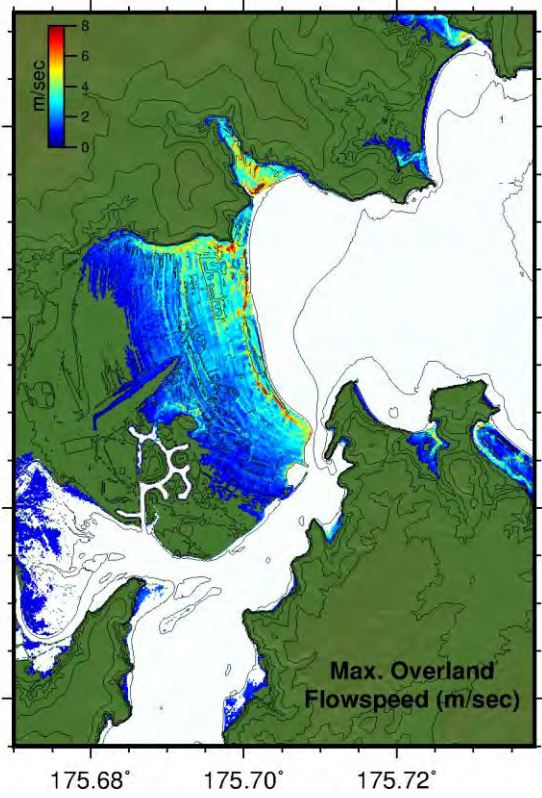
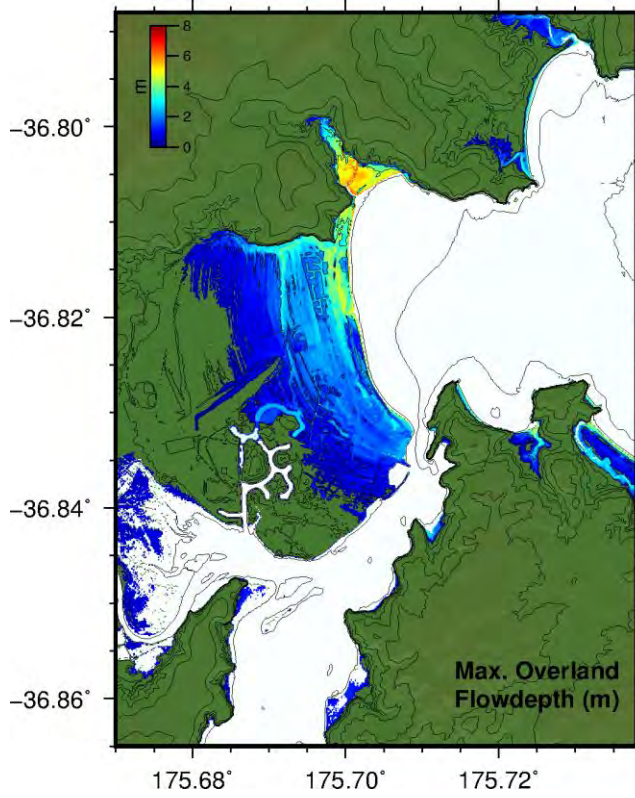
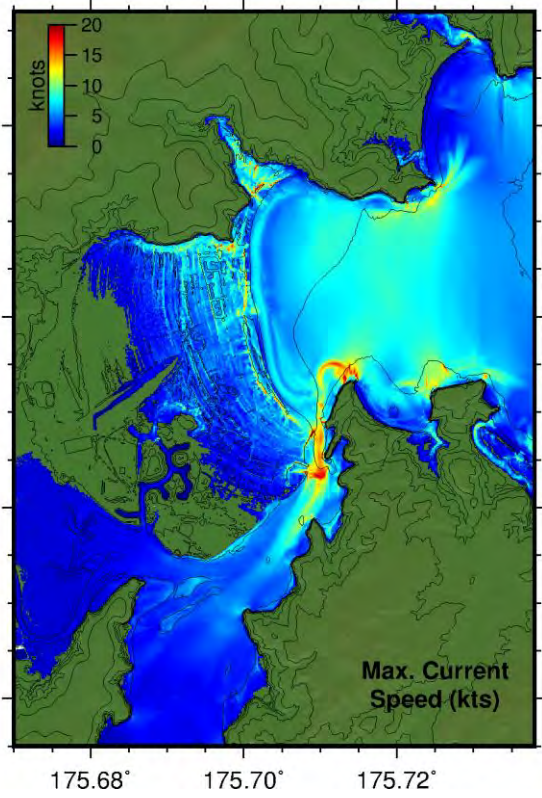
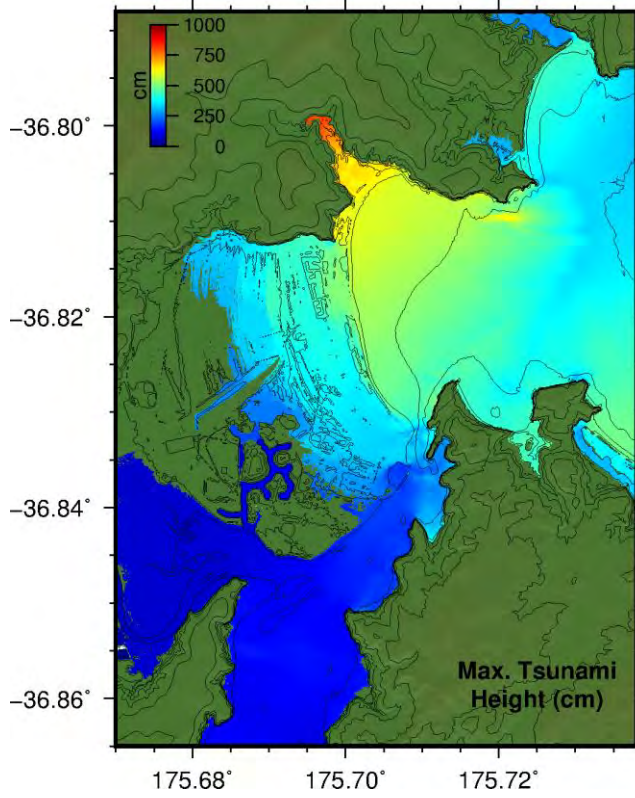
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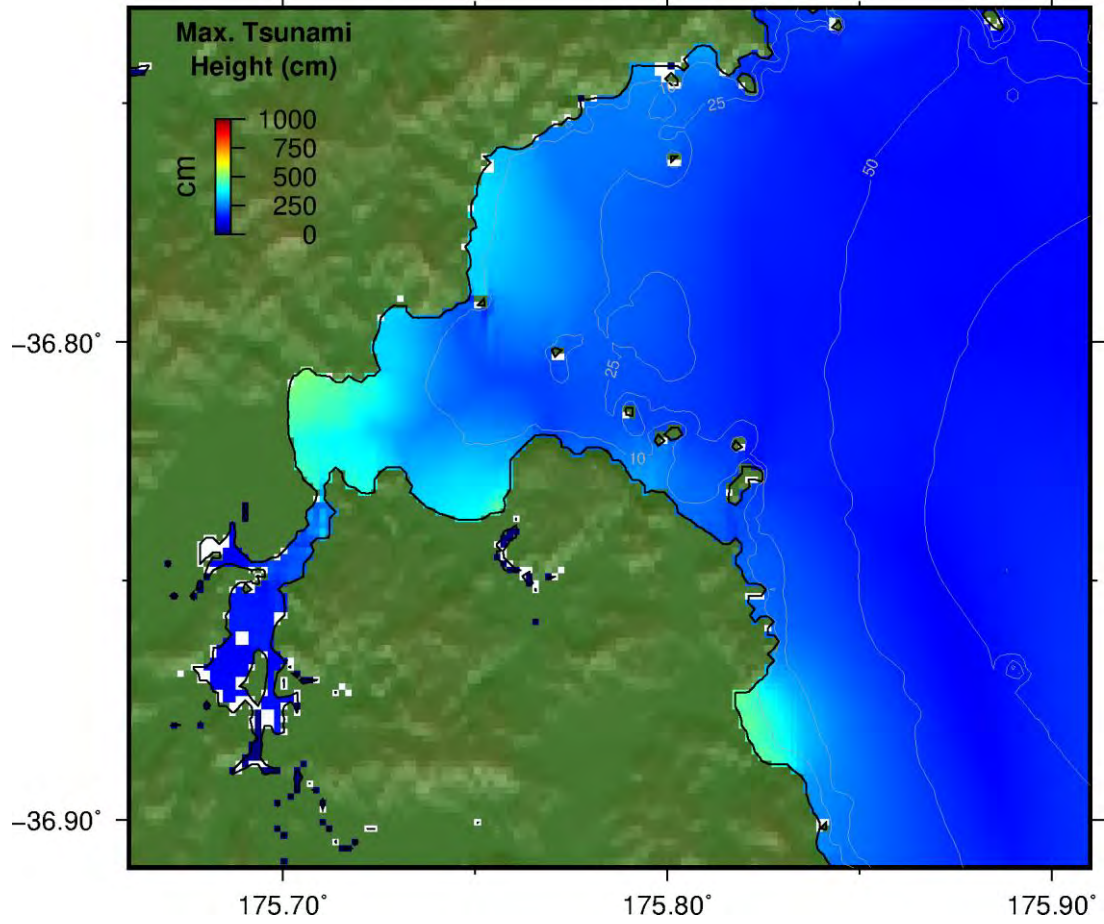
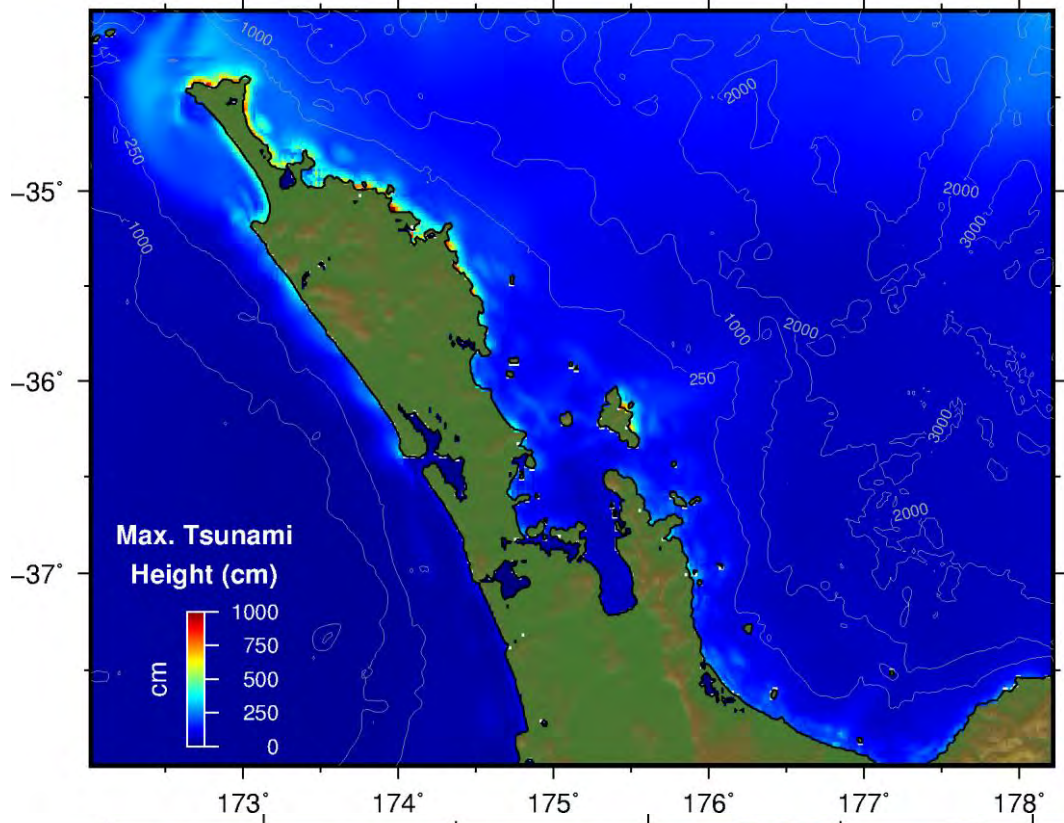


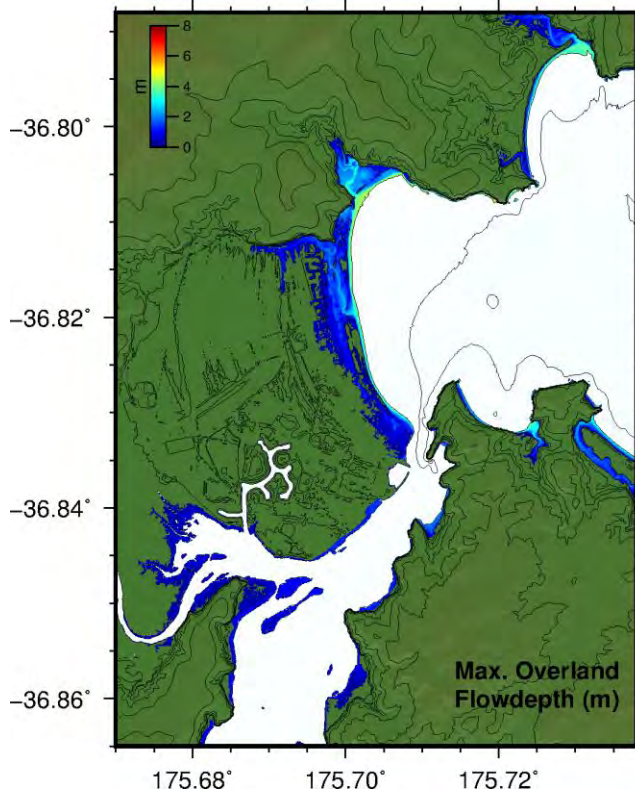
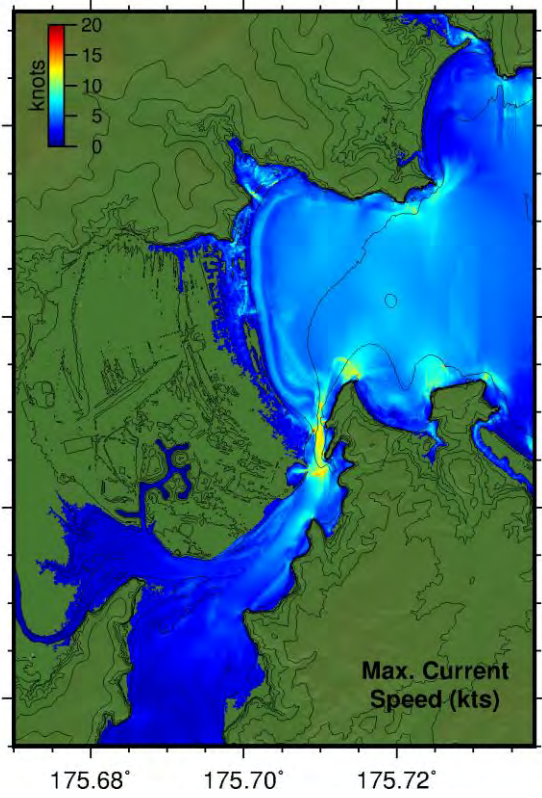
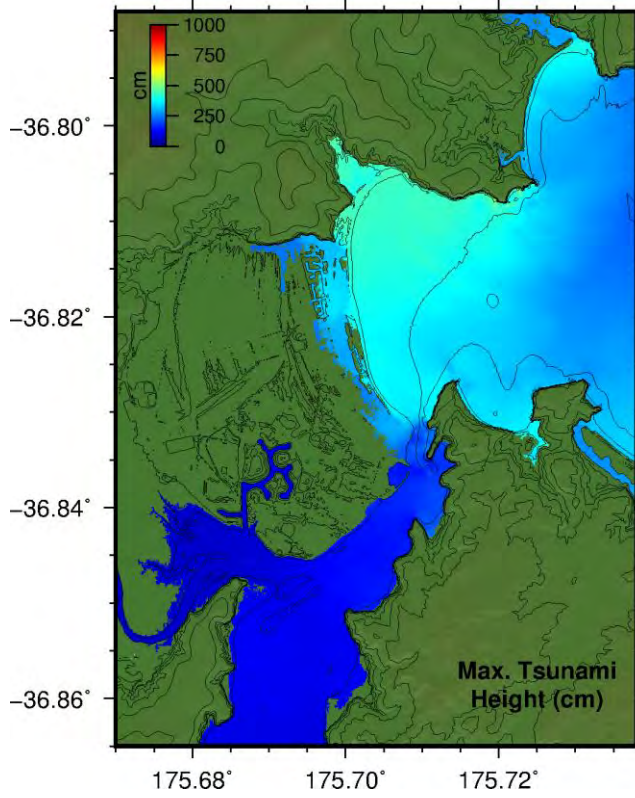
TK 04 HT



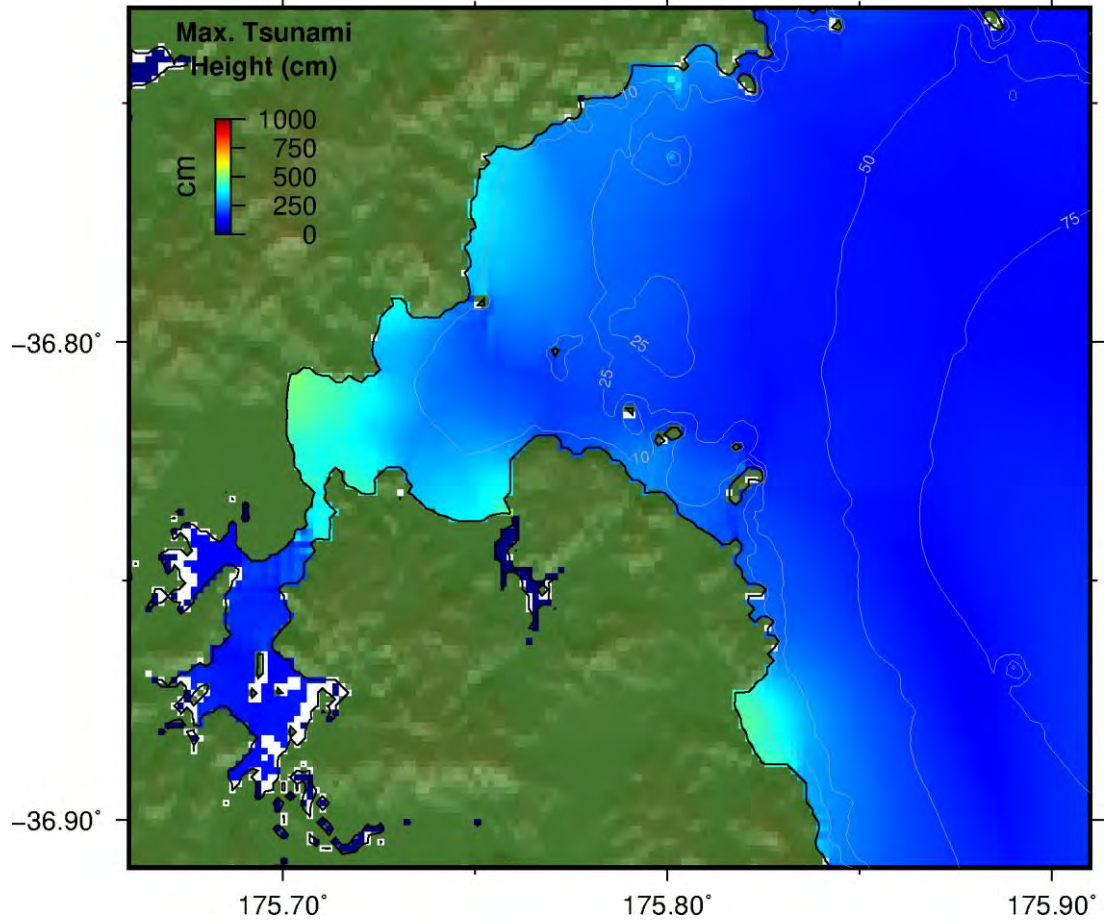
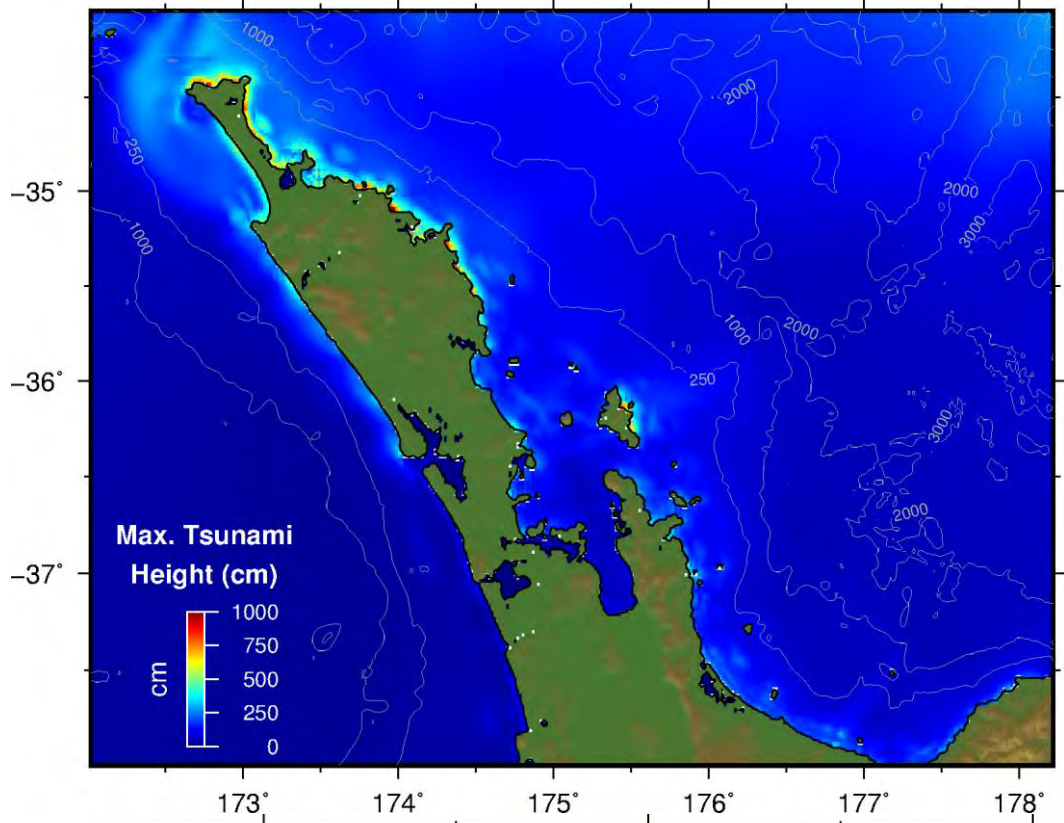


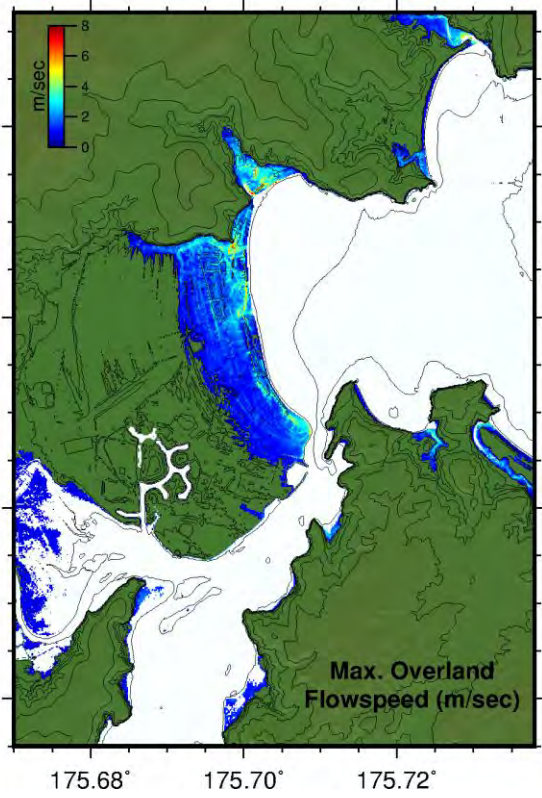
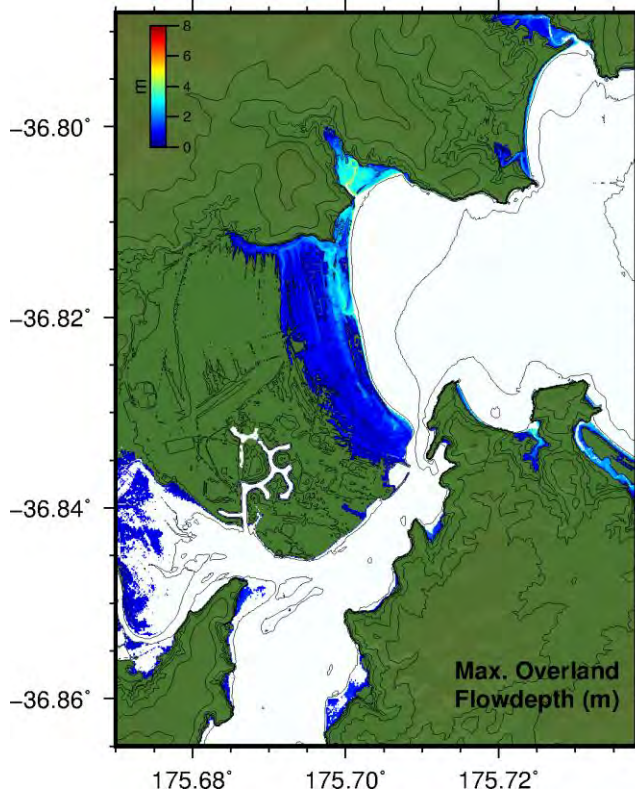
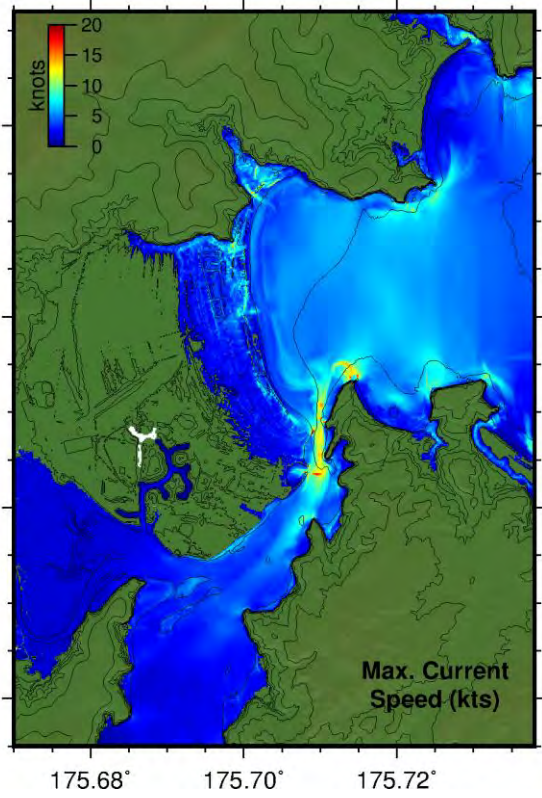
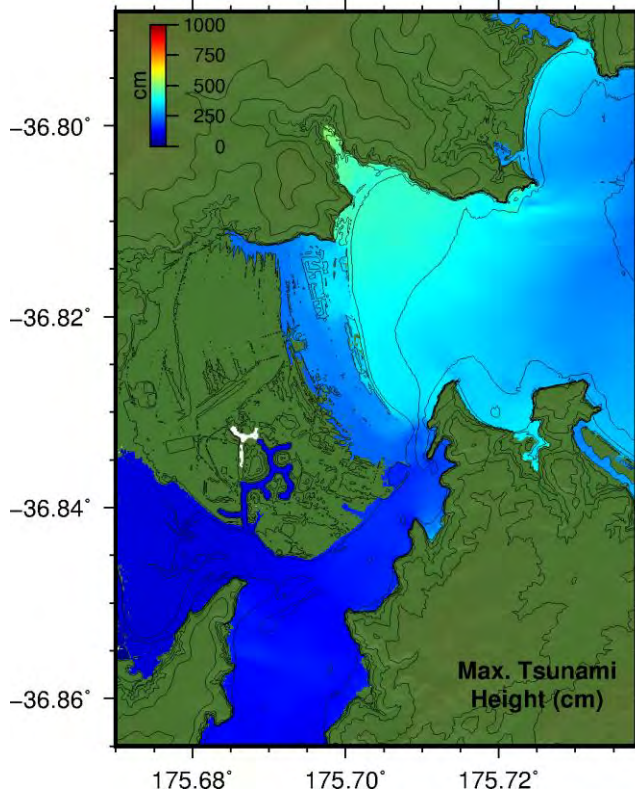
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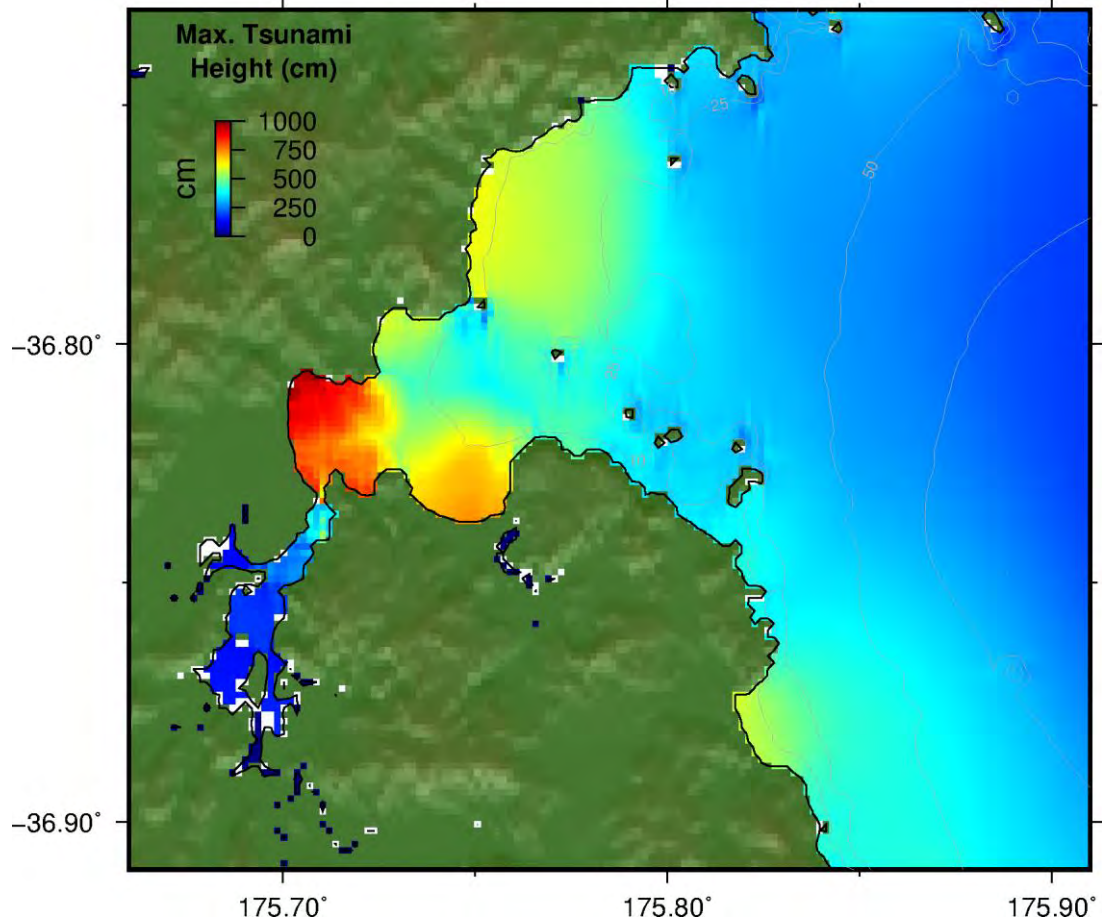
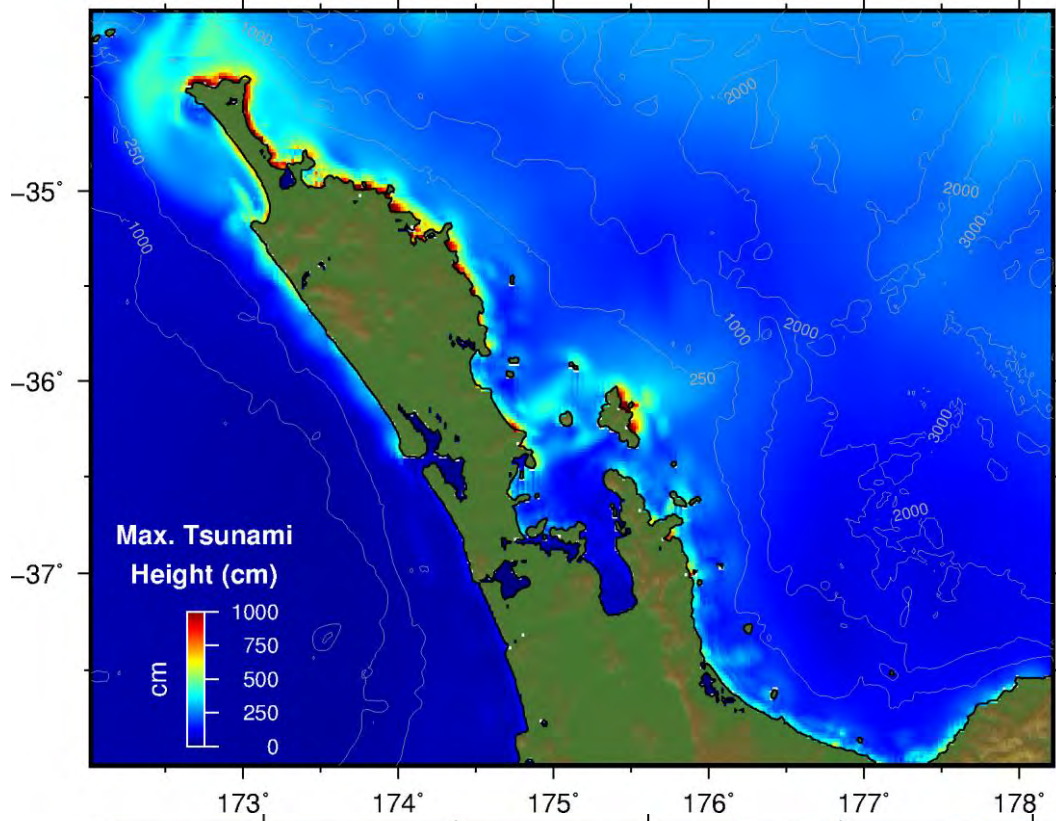


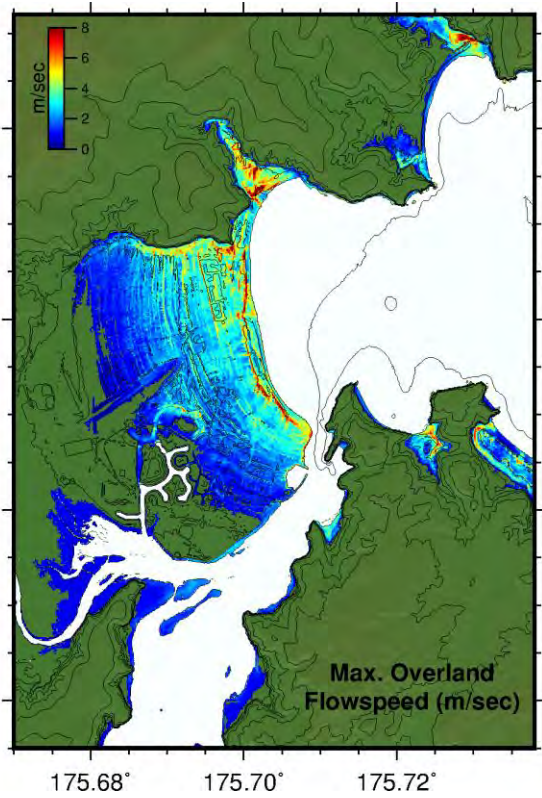
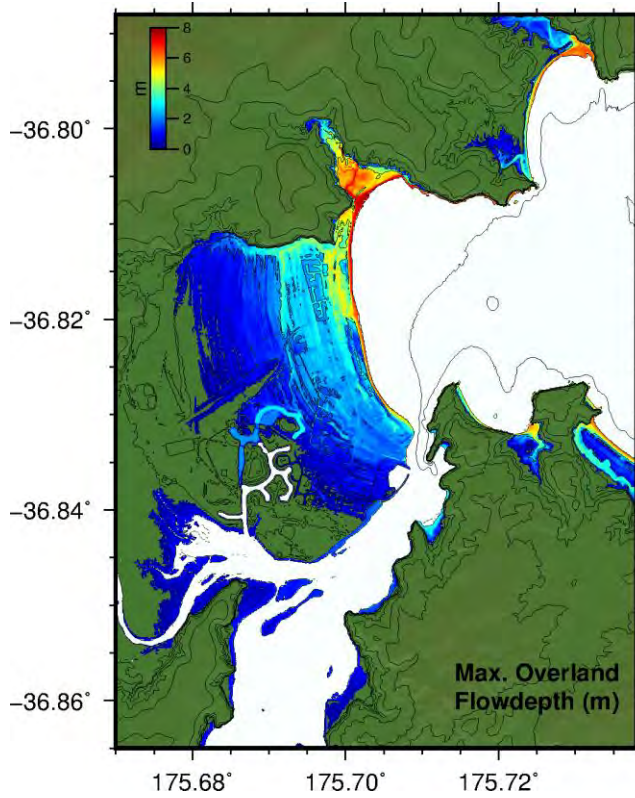
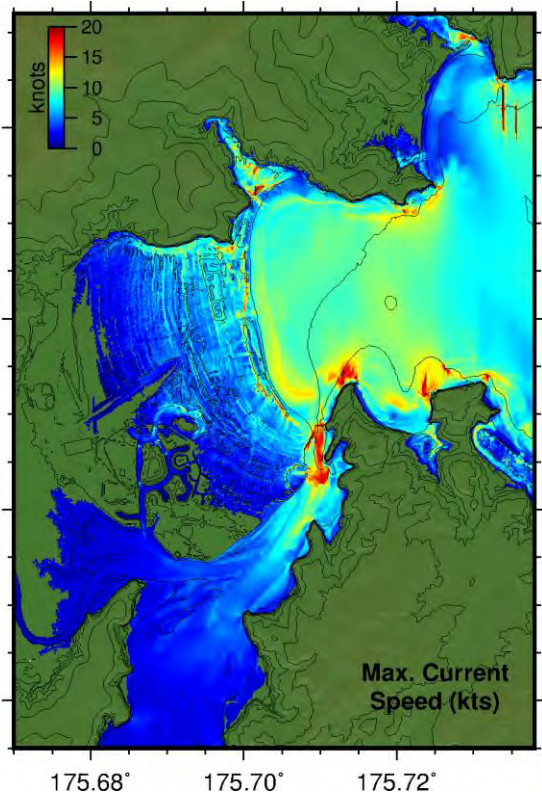
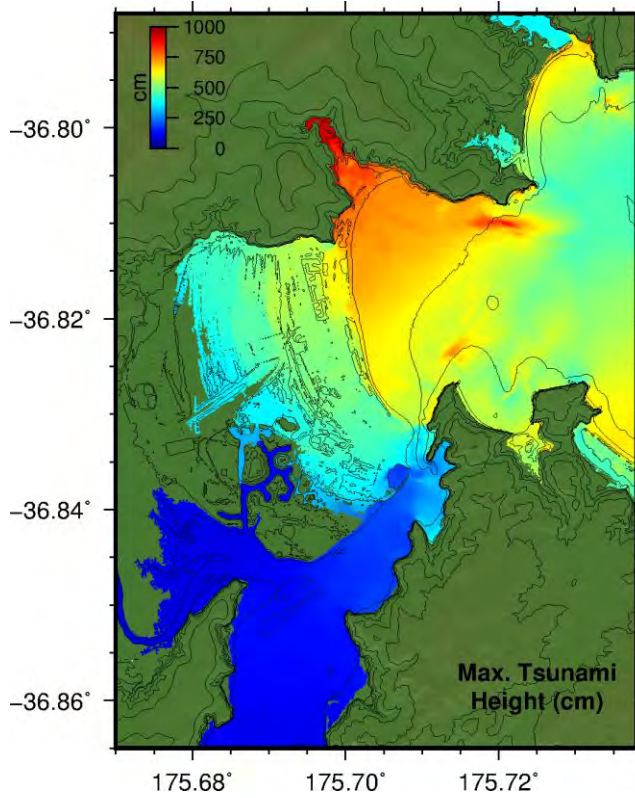
TK 05 HT



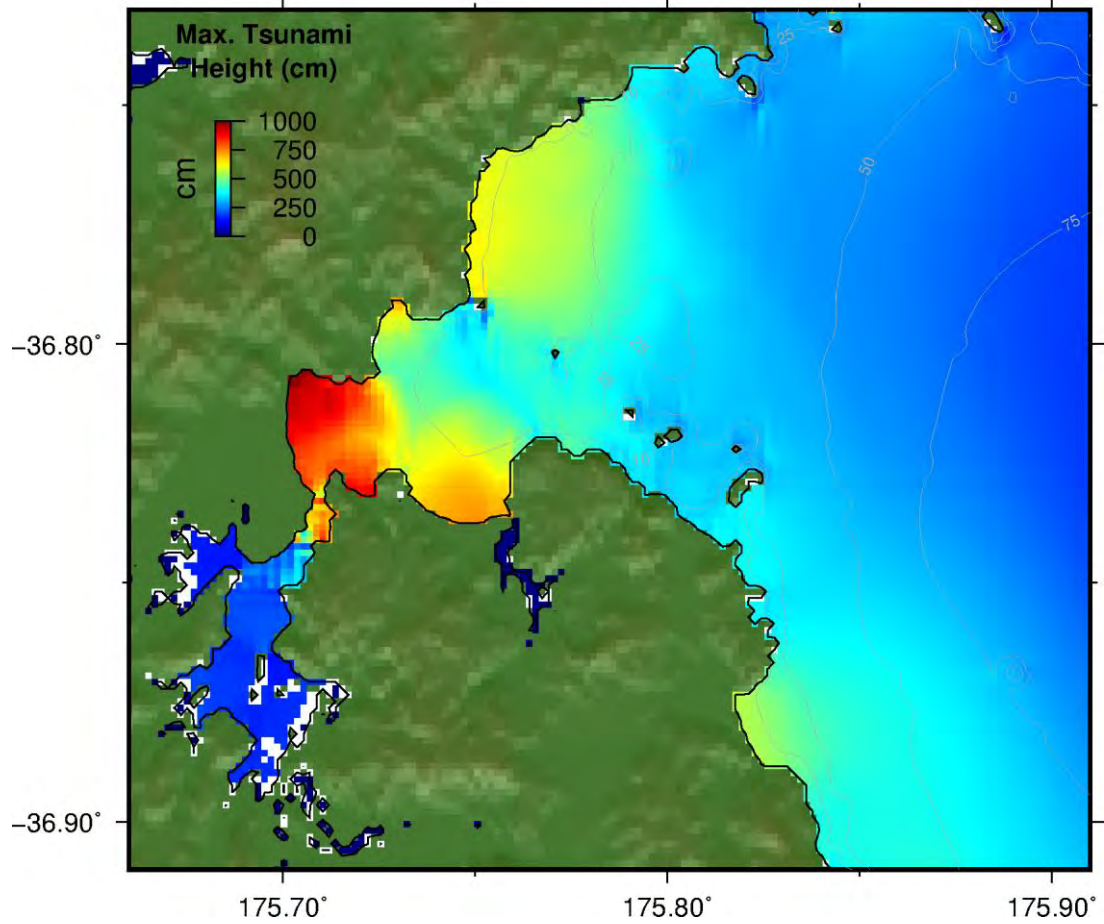
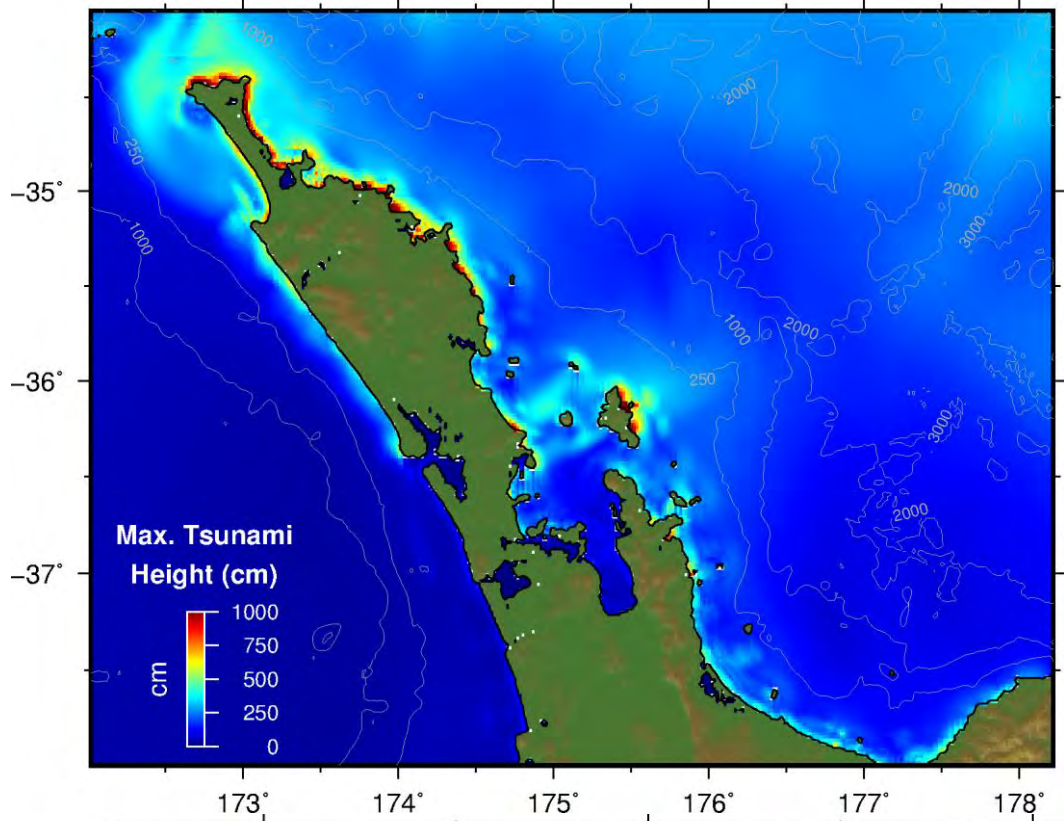


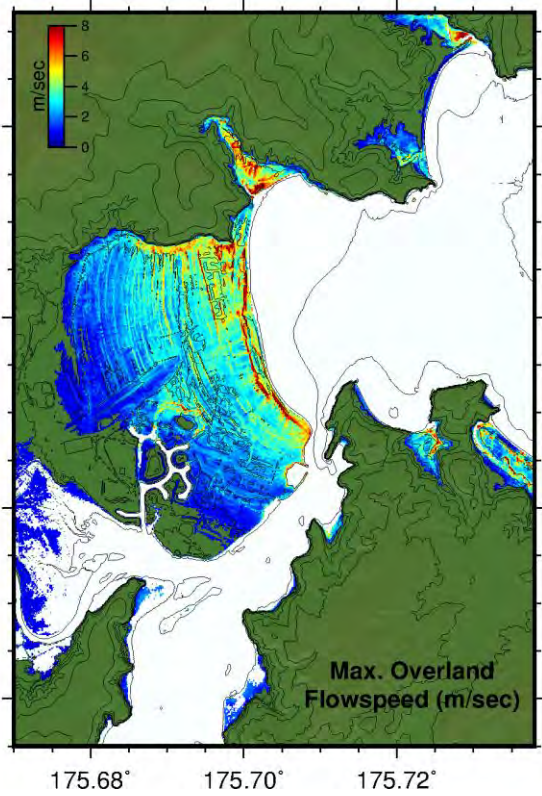
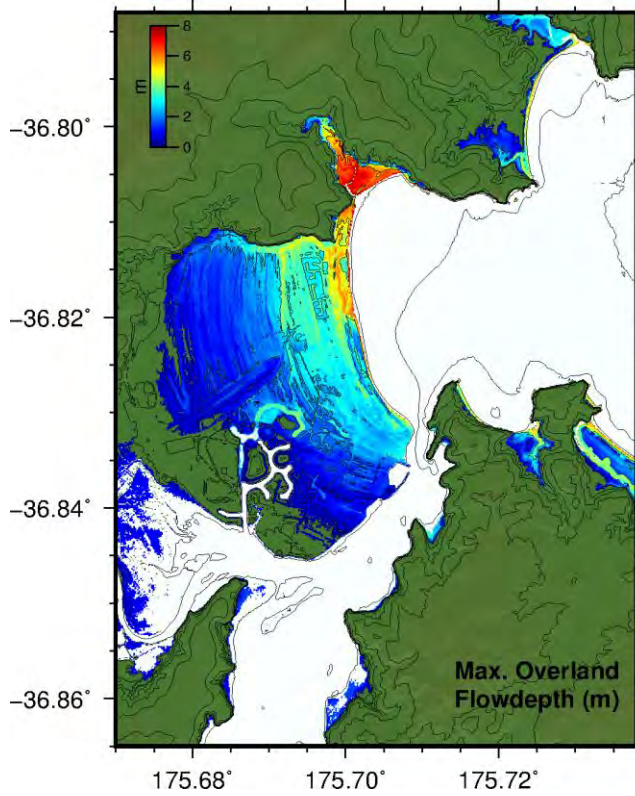
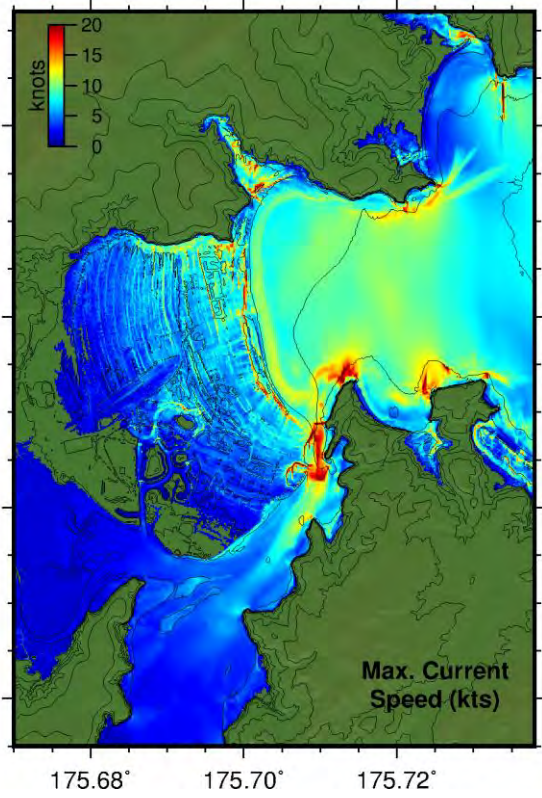
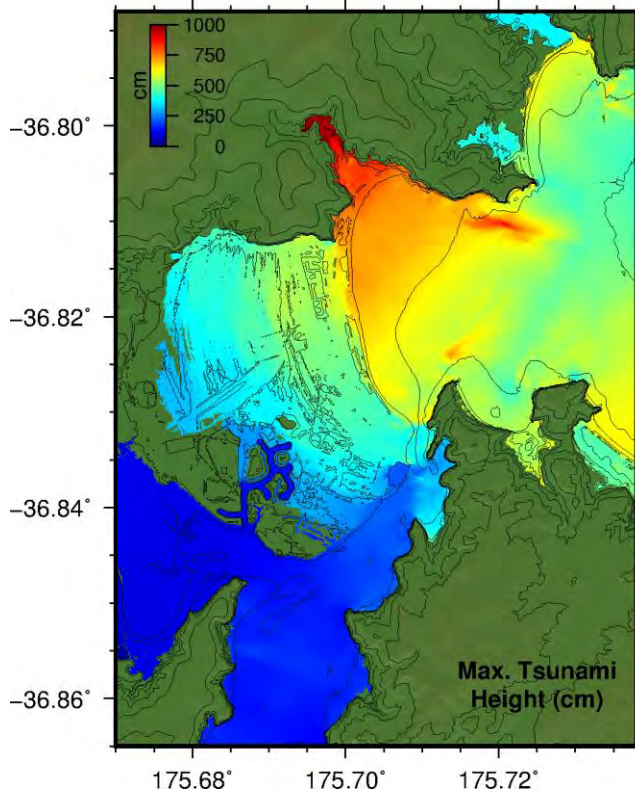
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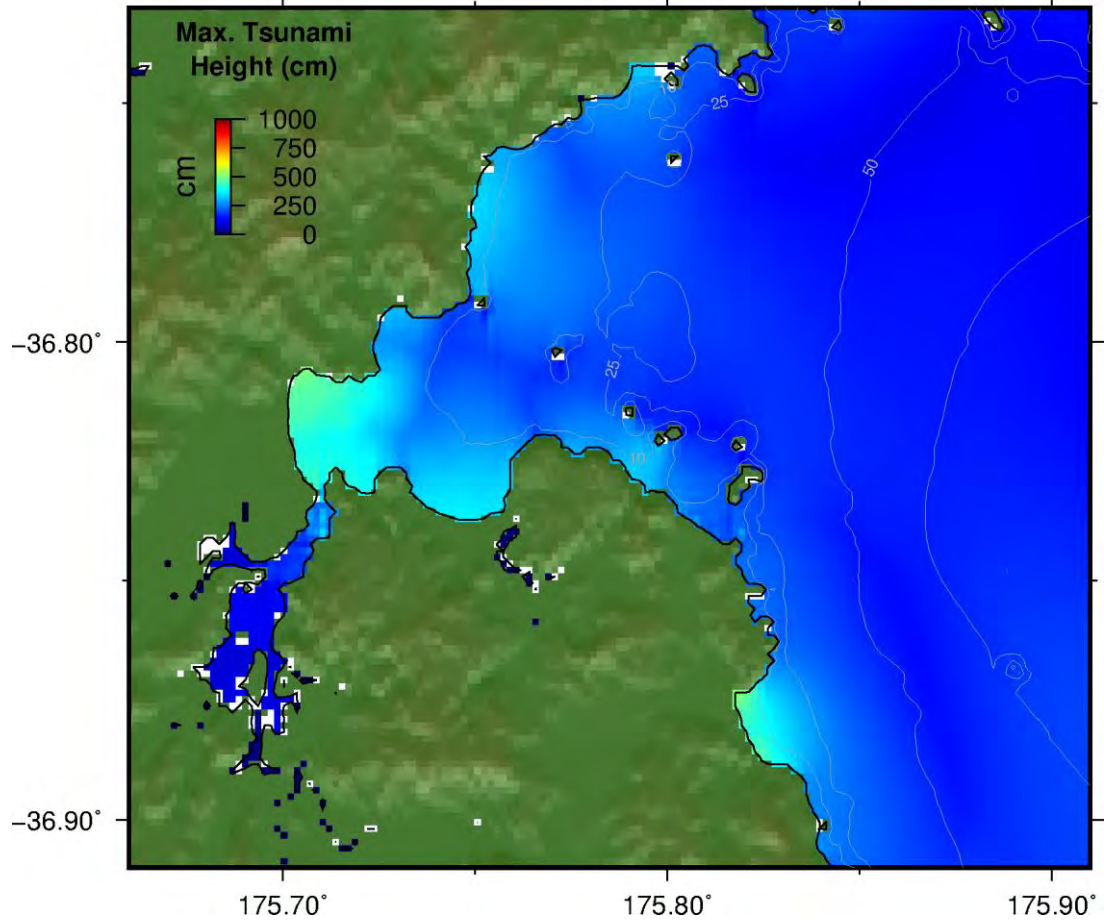
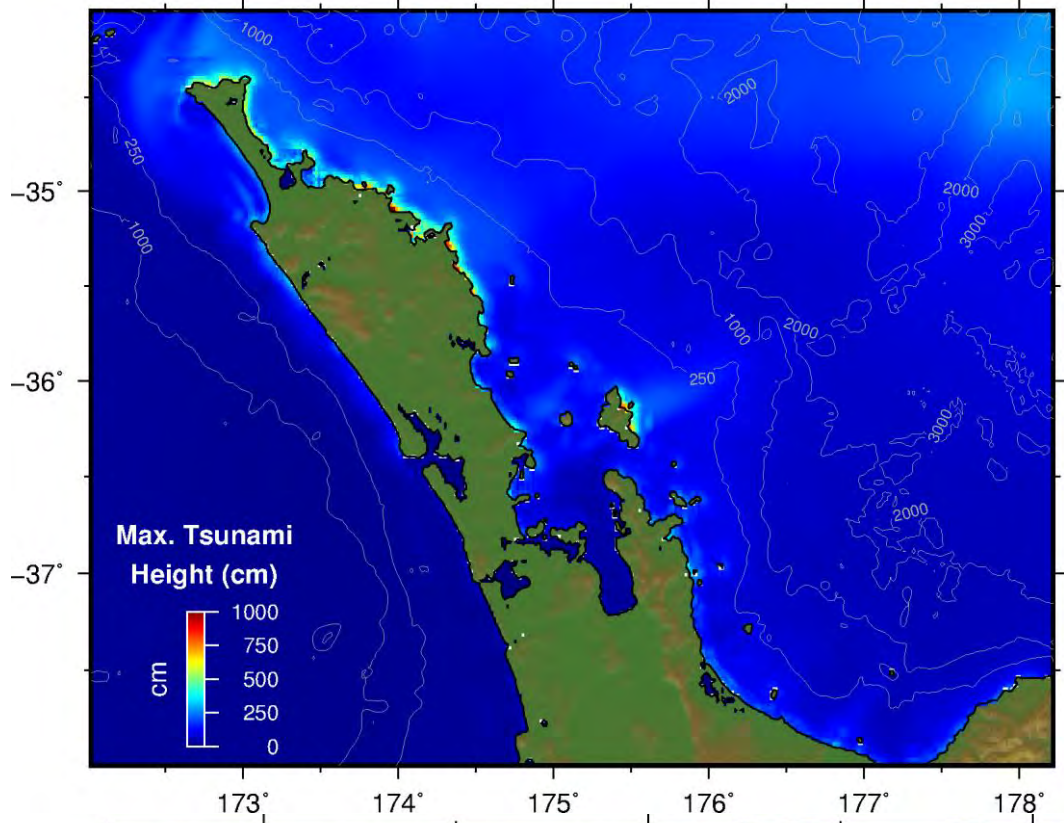


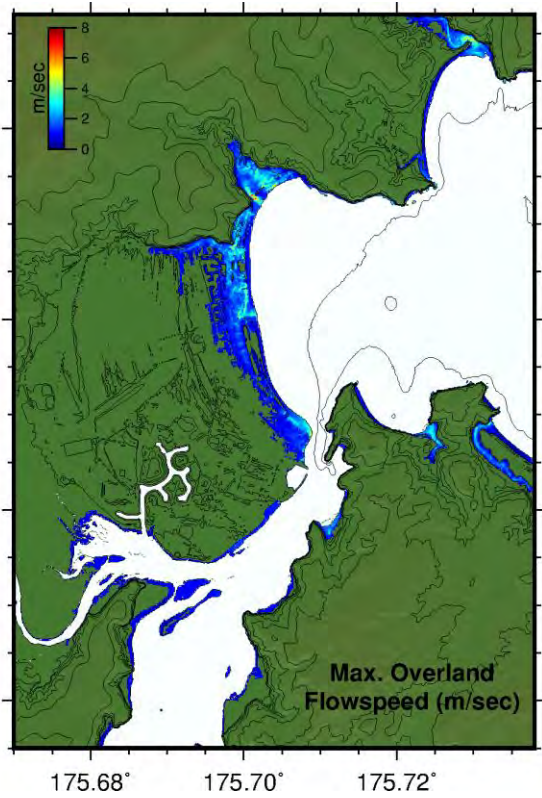
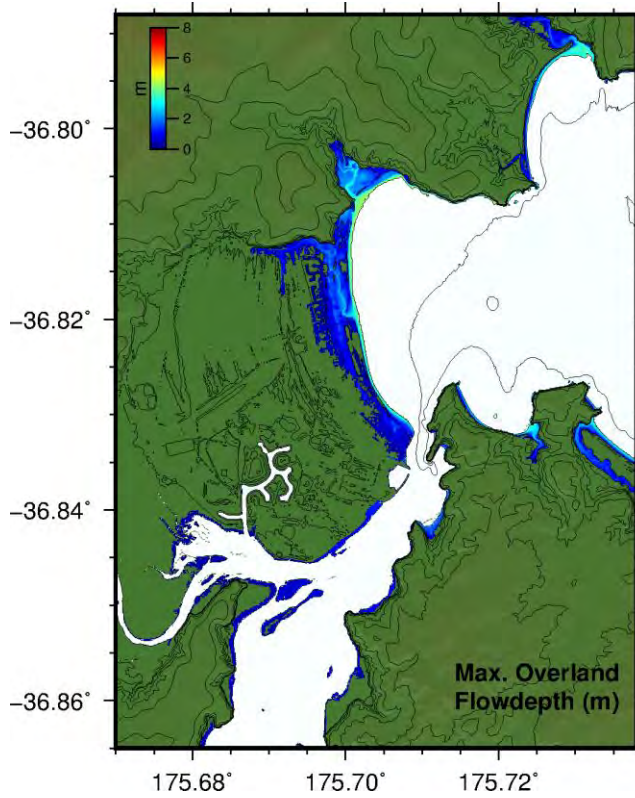
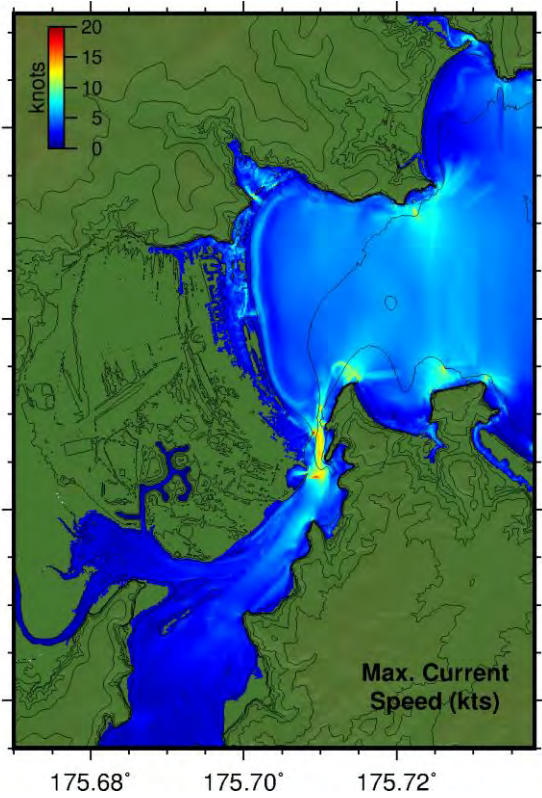
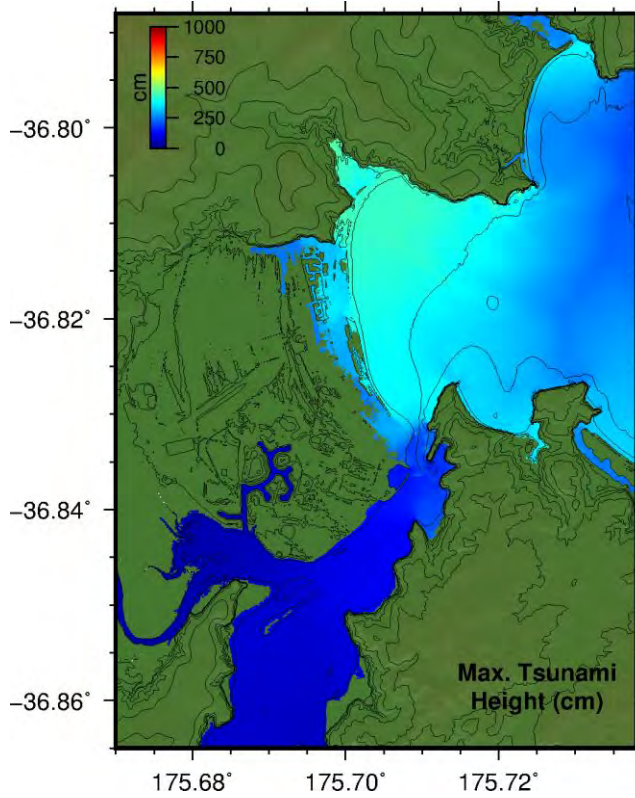
TK 06 HT



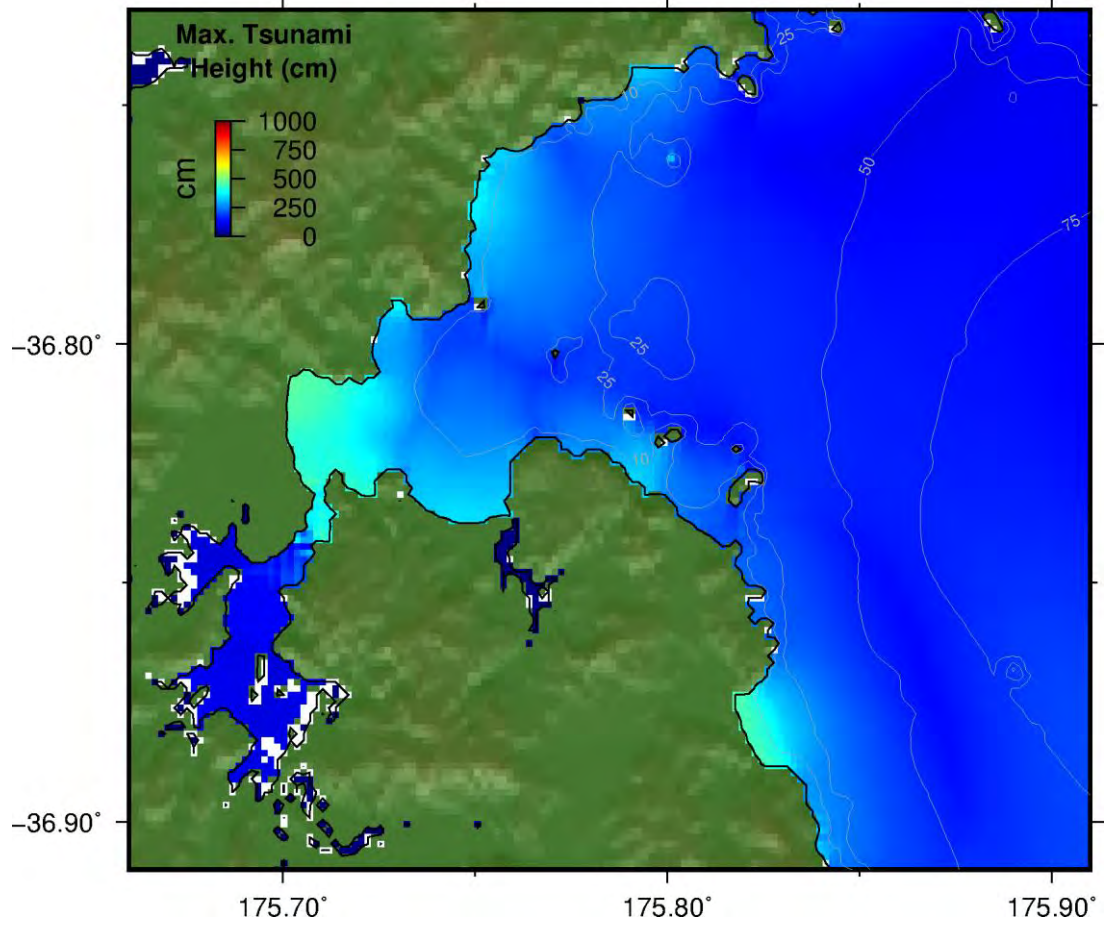
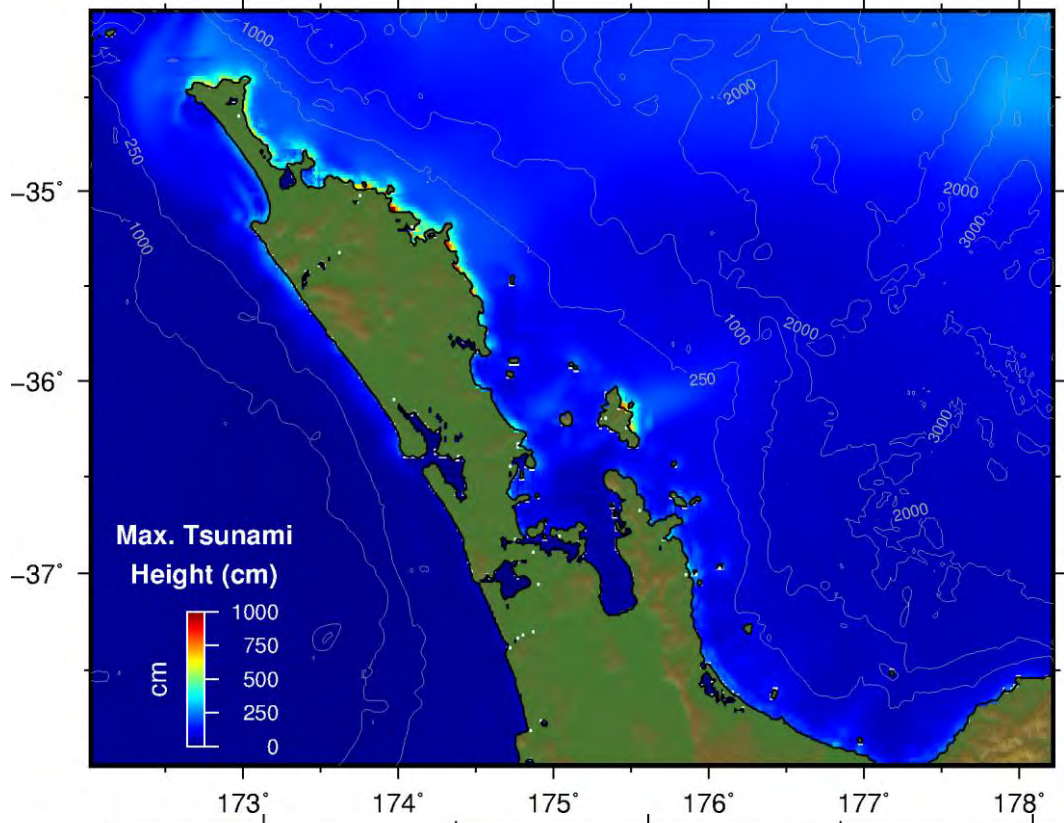


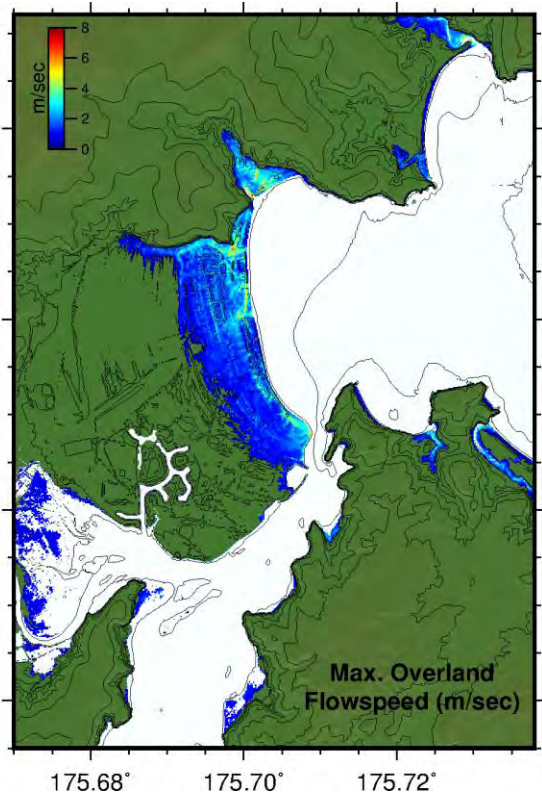
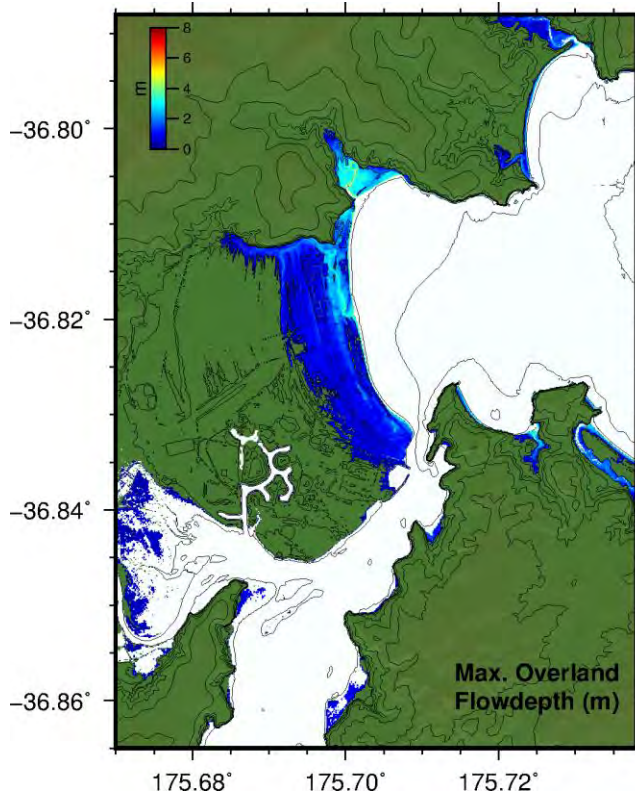
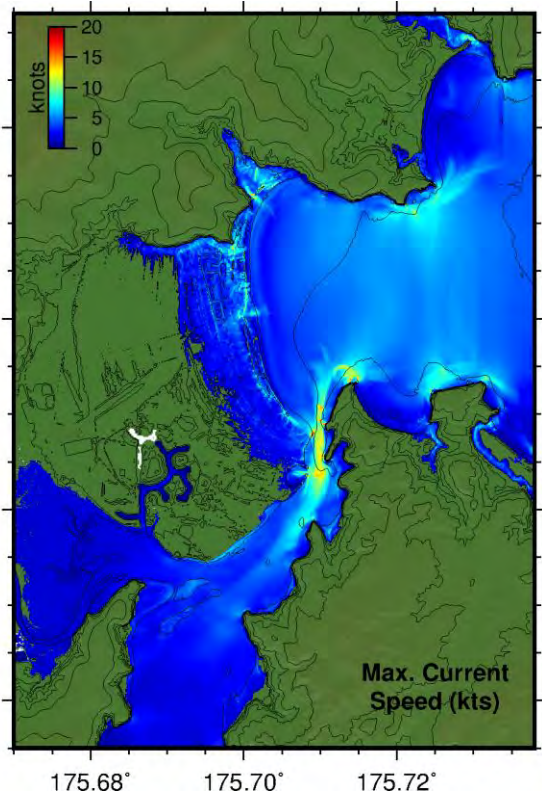
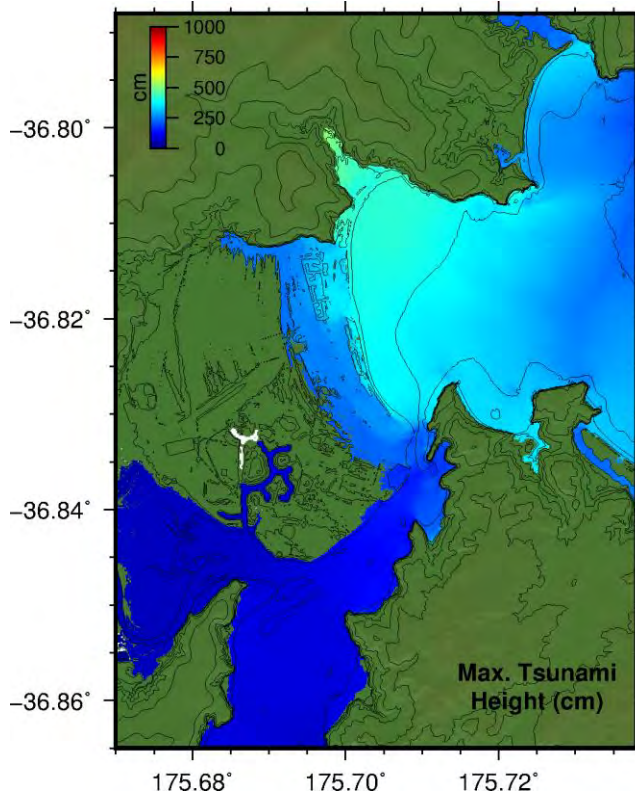
TK 07



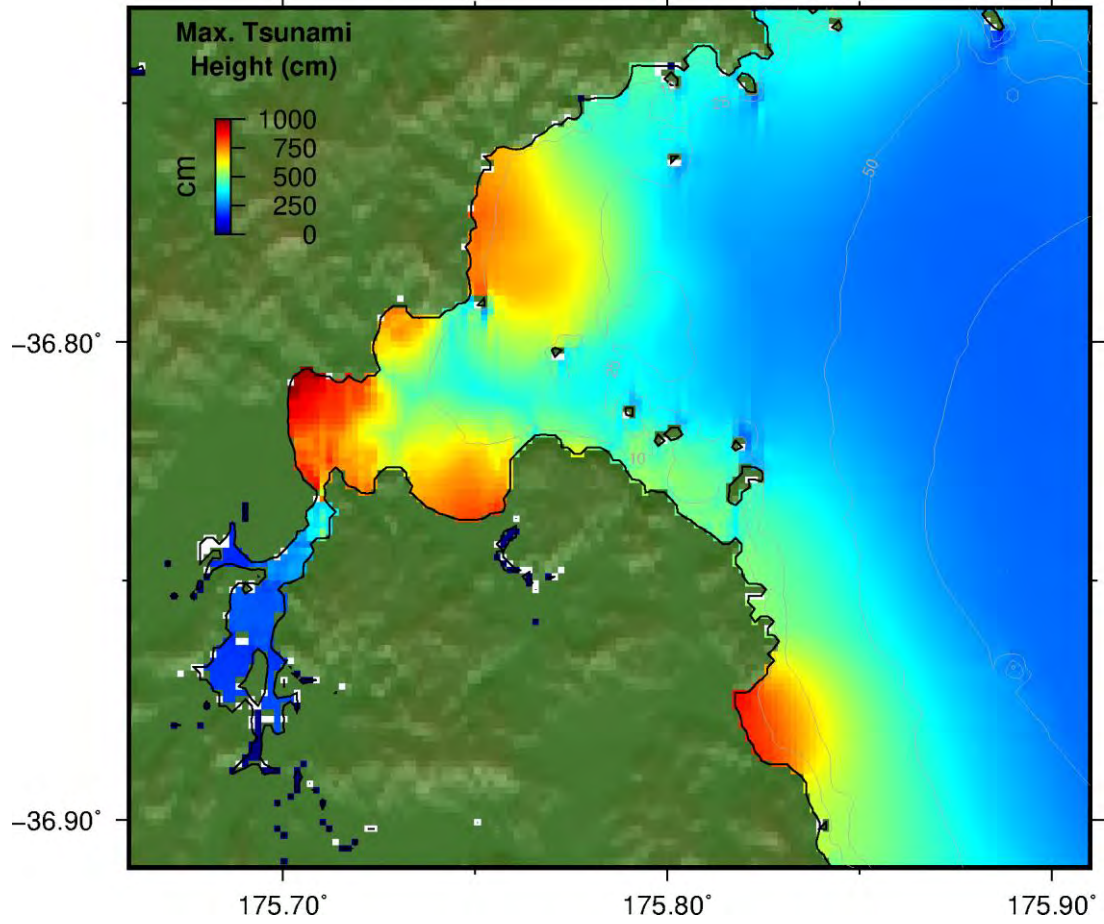
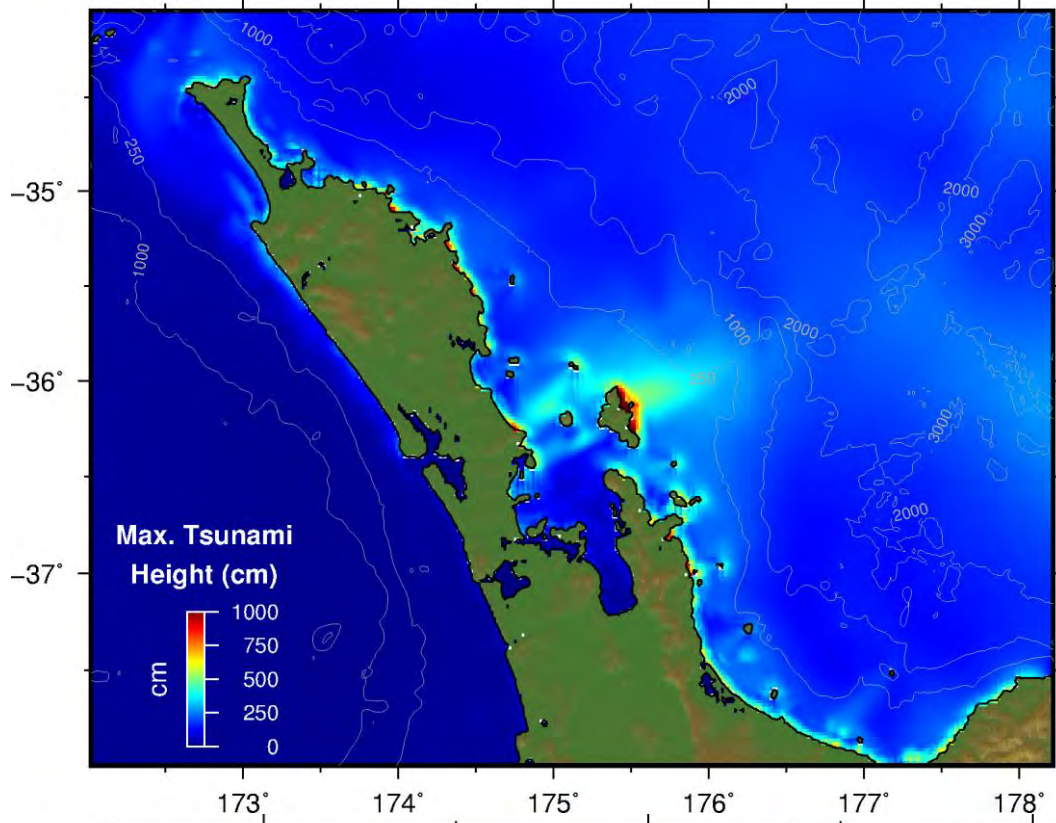


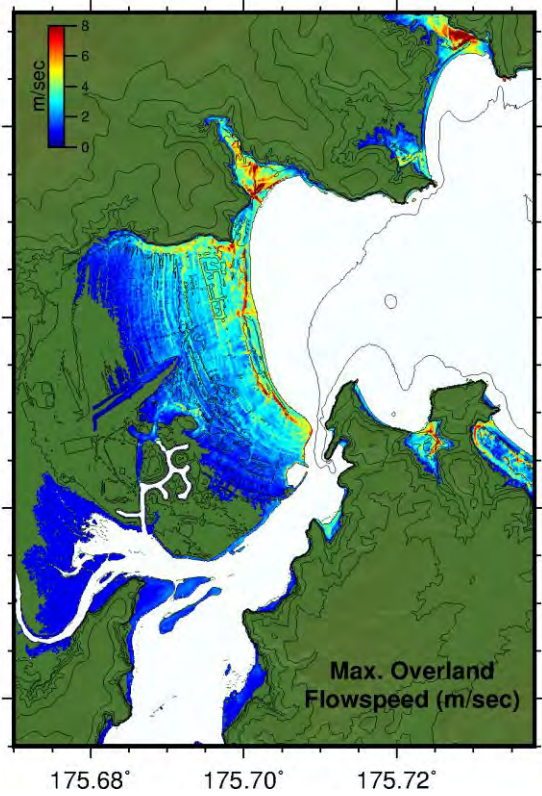
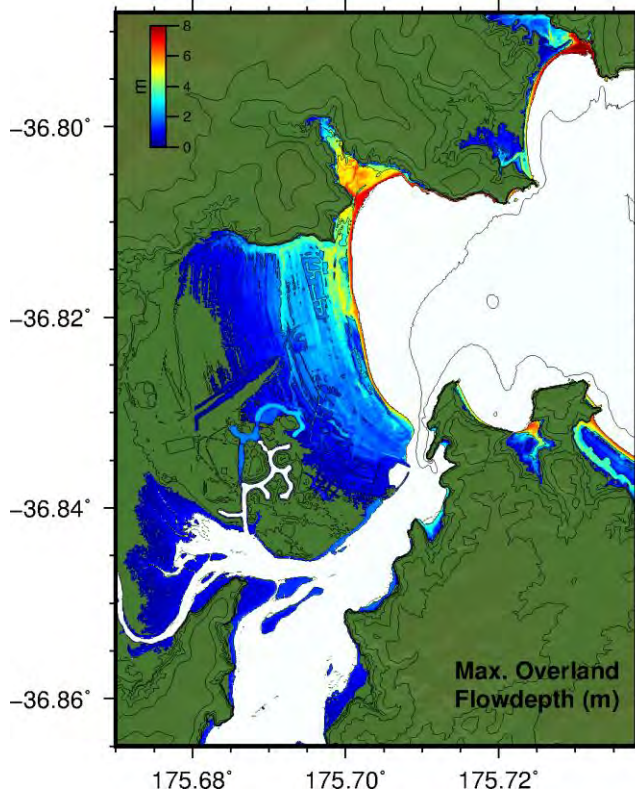
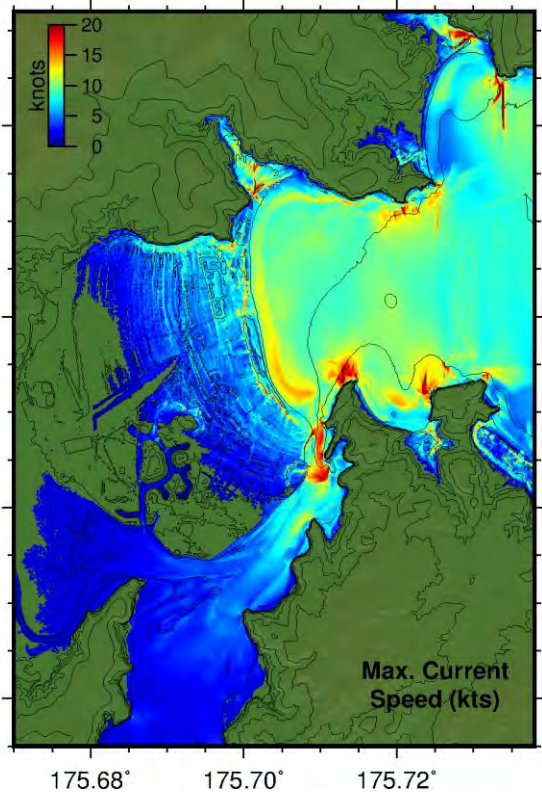
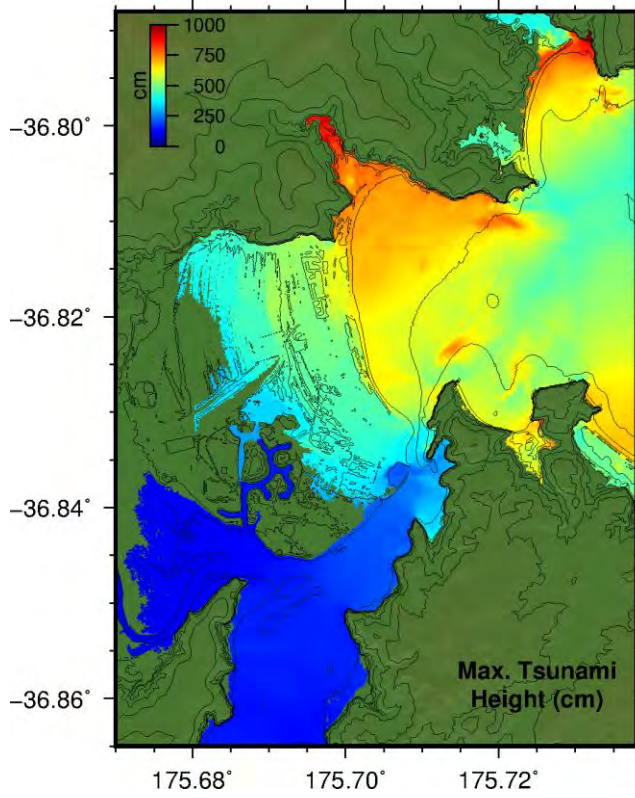
TK 07 HT



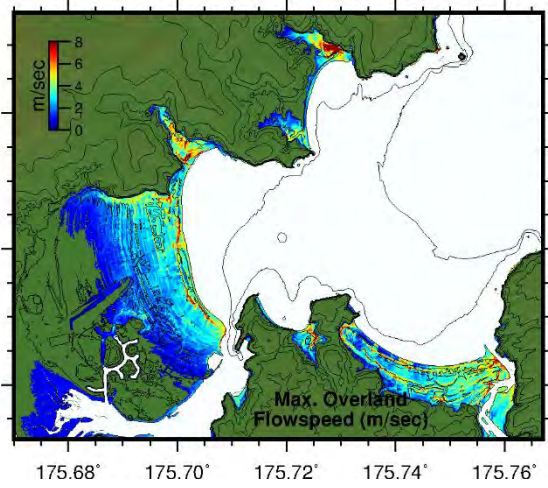
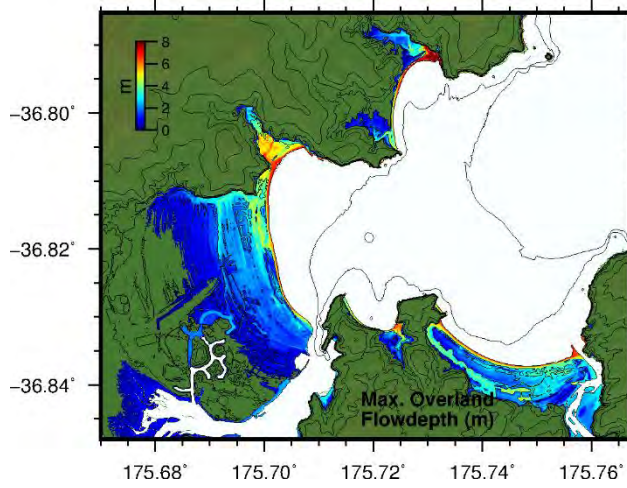
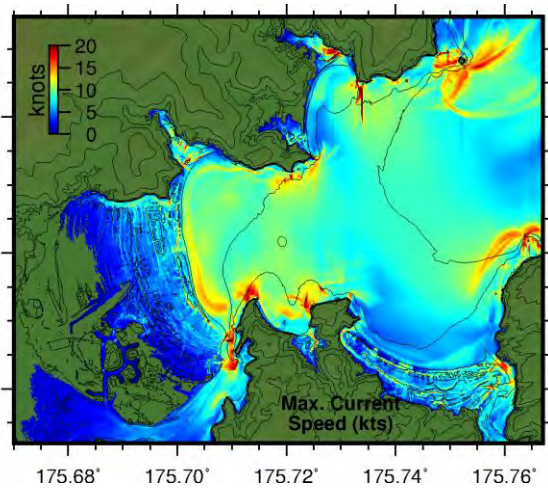
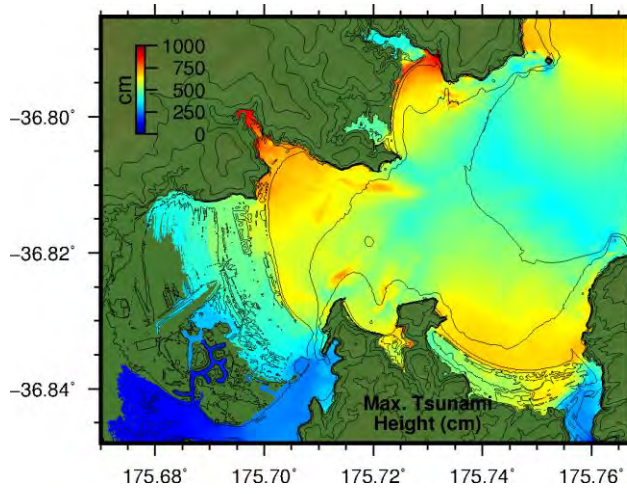


TK_08

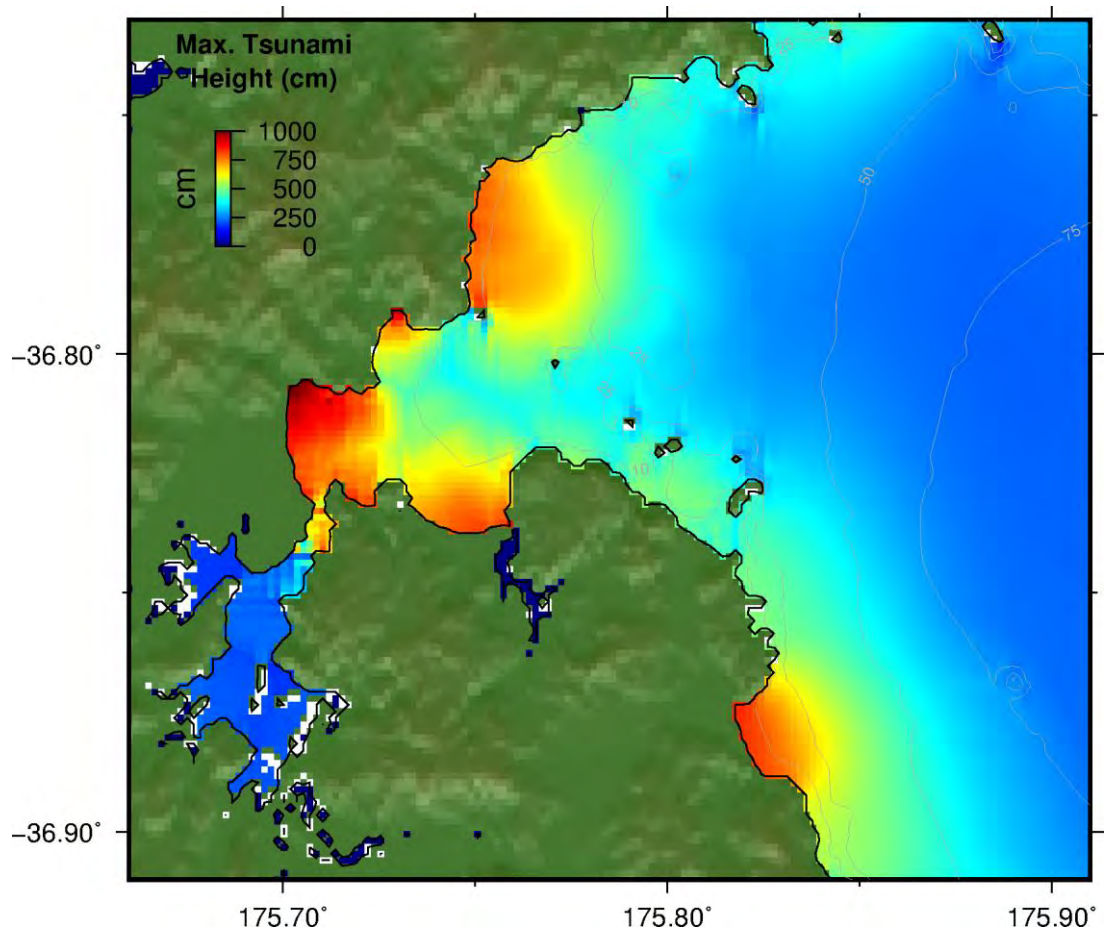
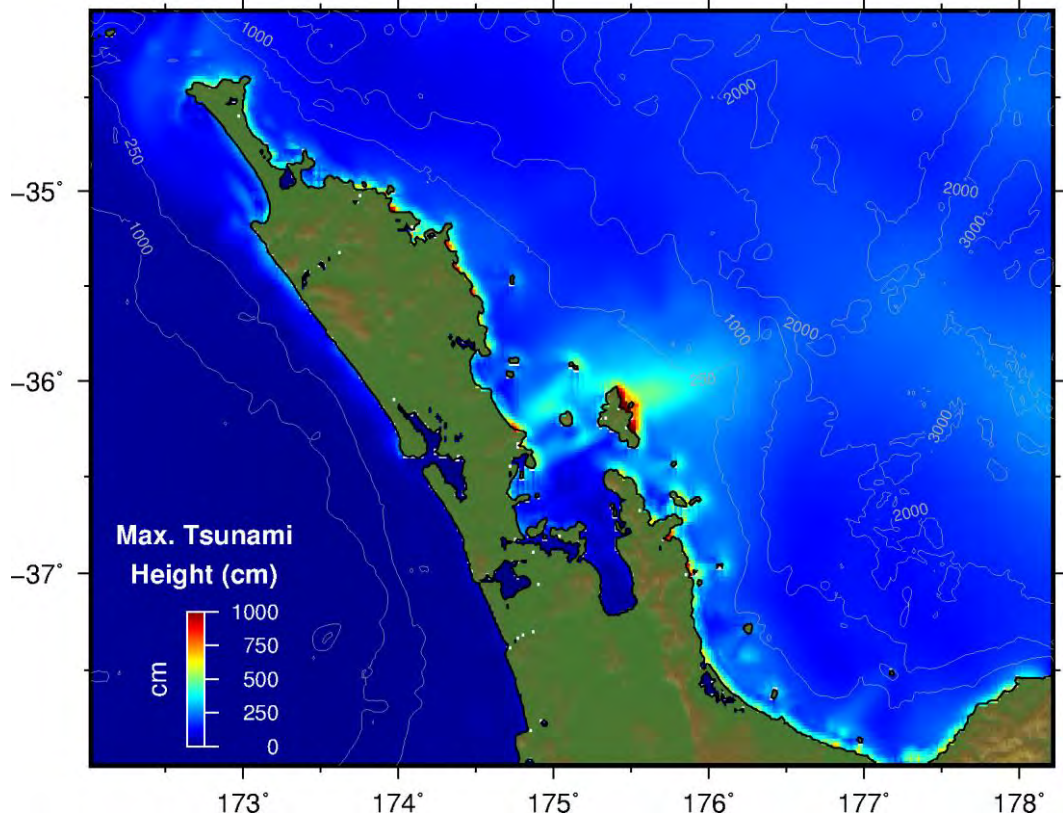


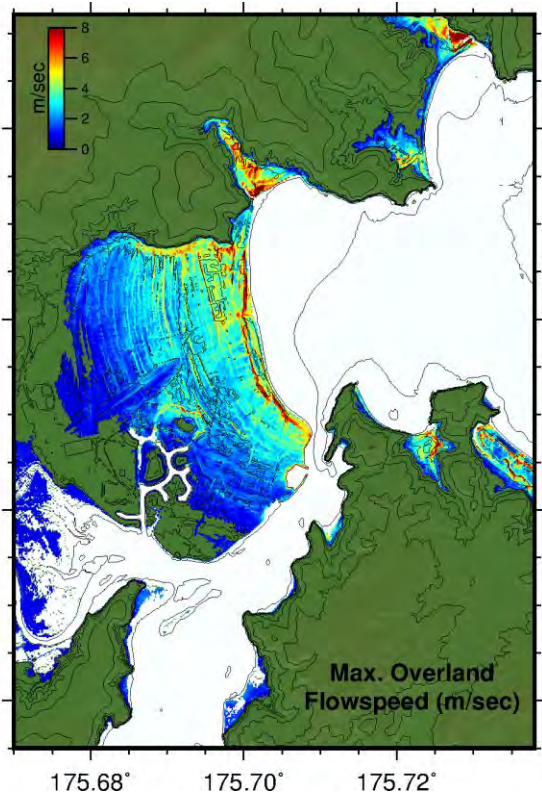
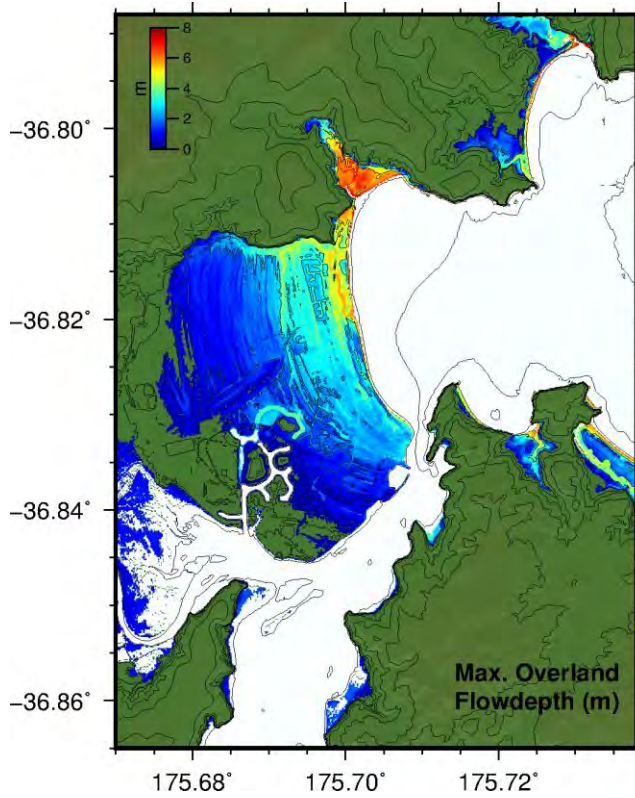
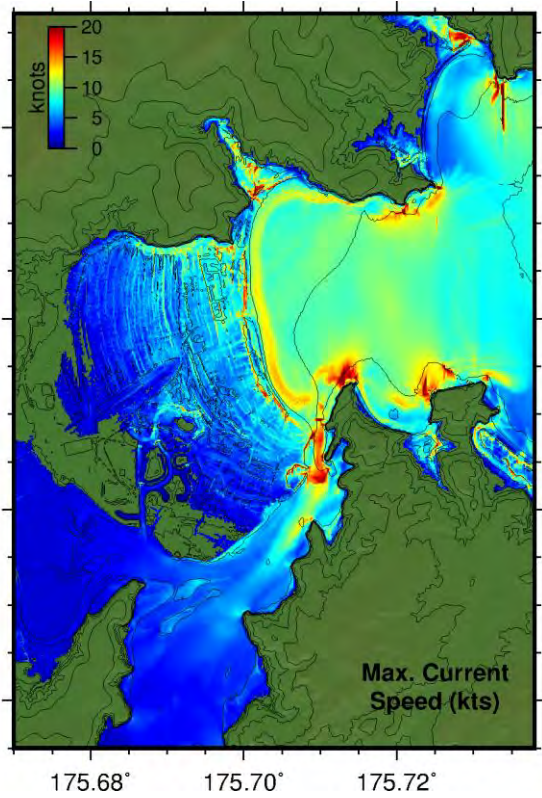
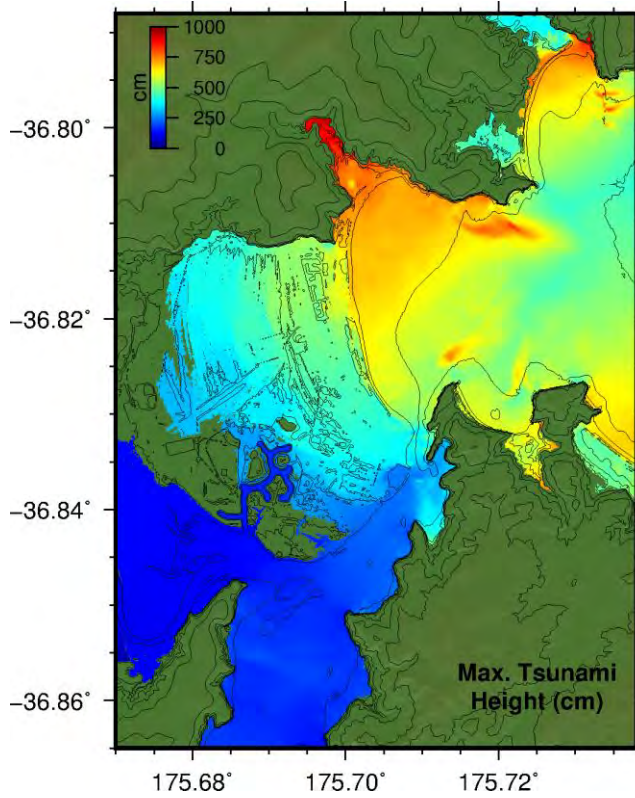


Cook's and Wharekaho

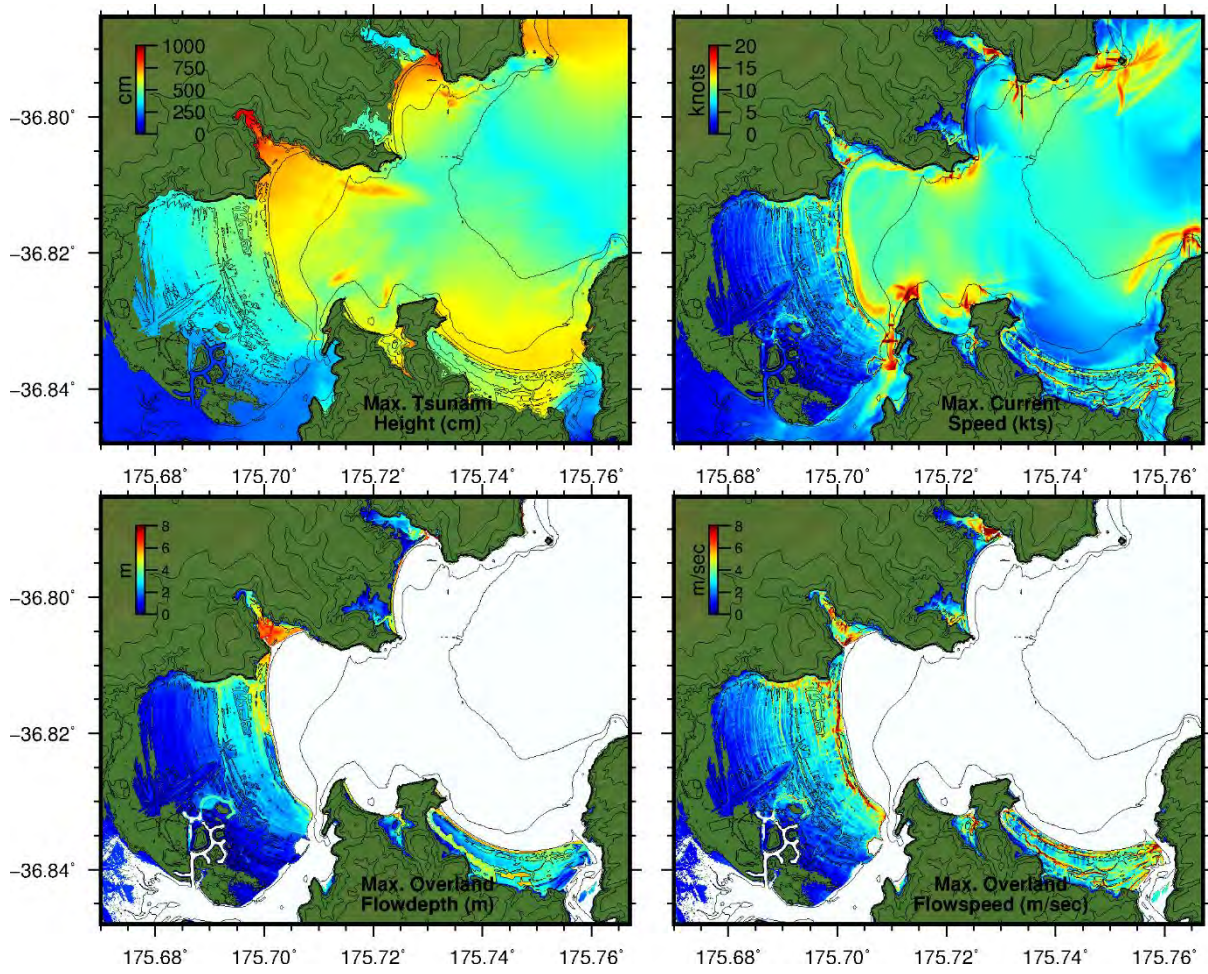


TK_08_HT

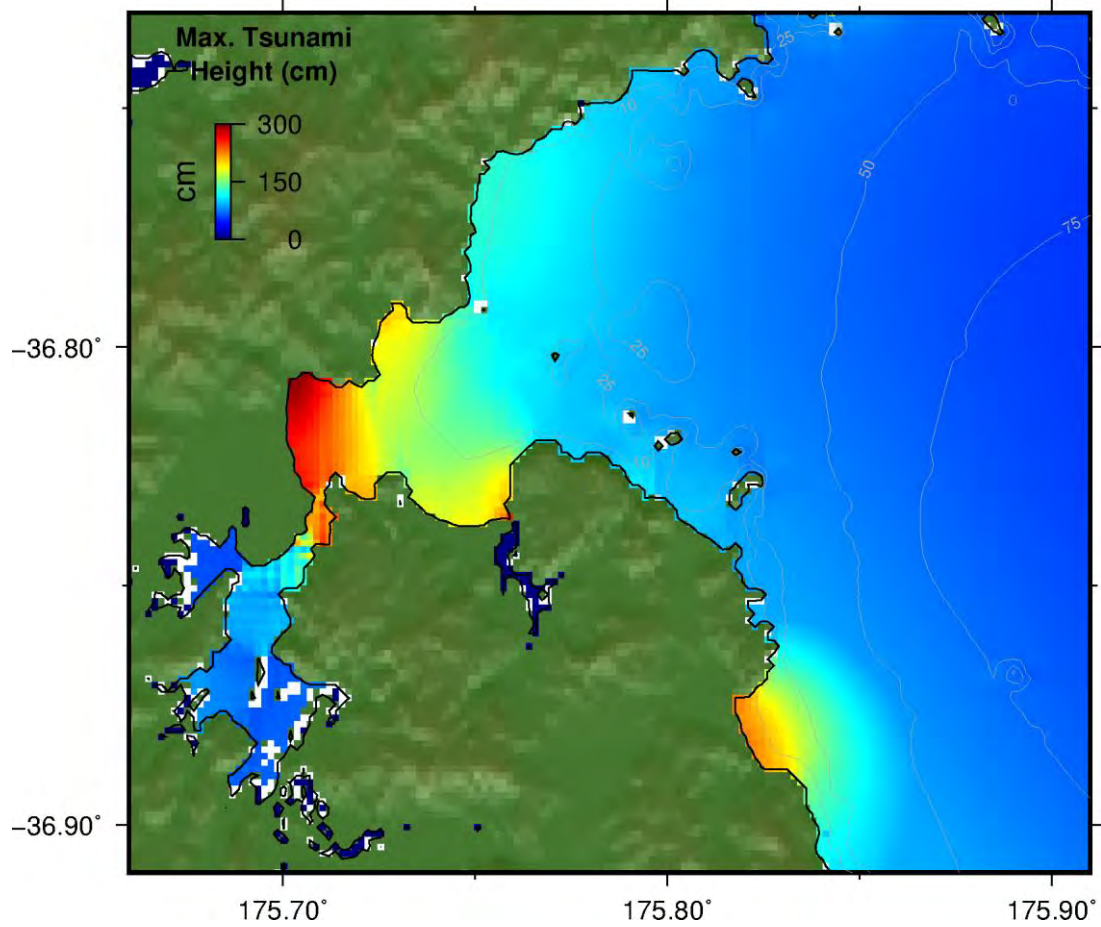
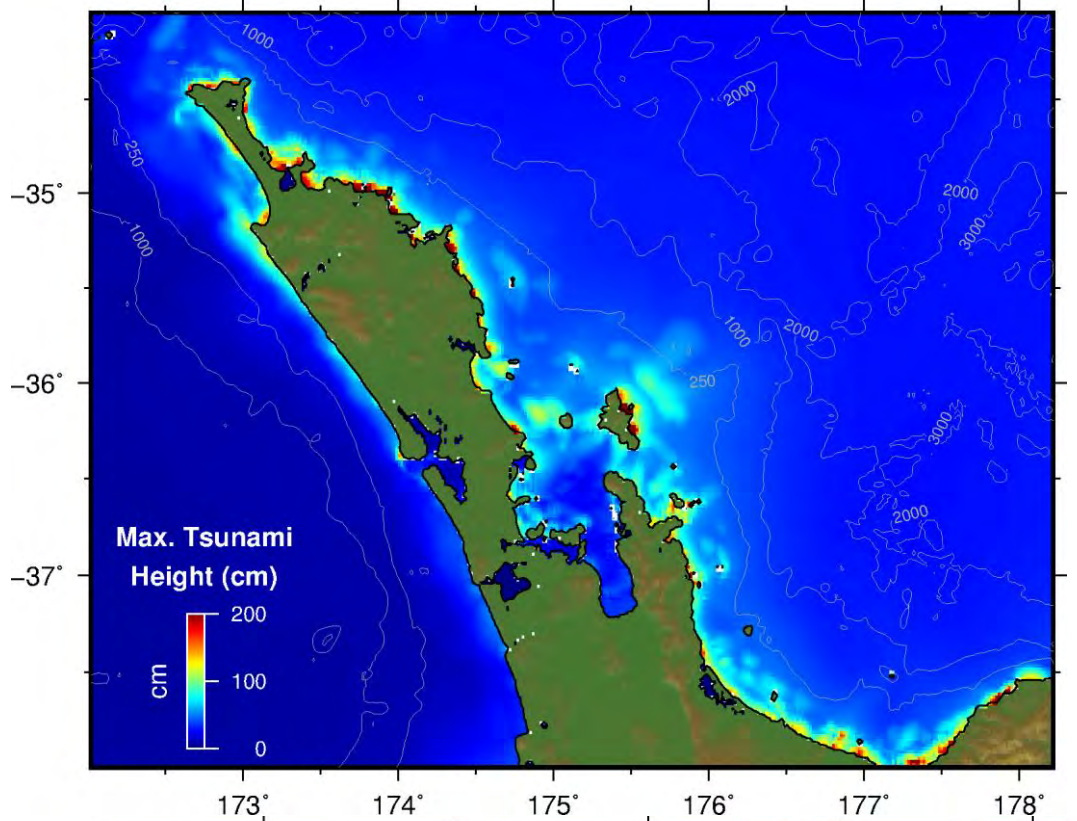


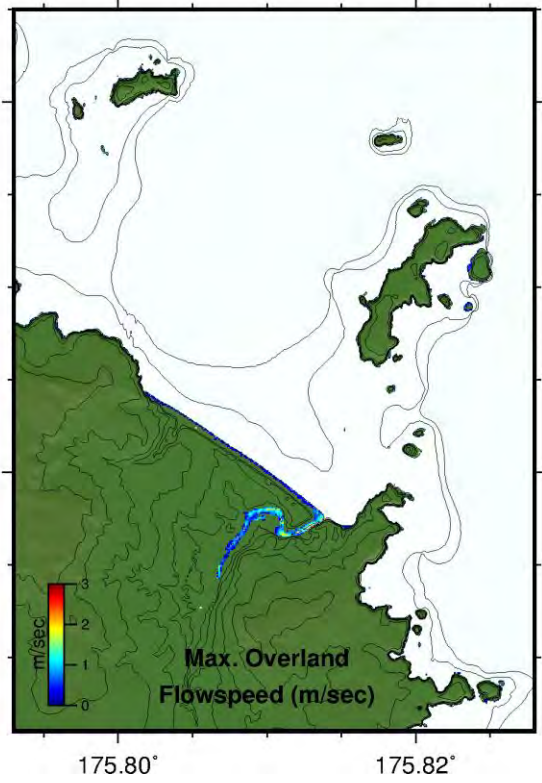
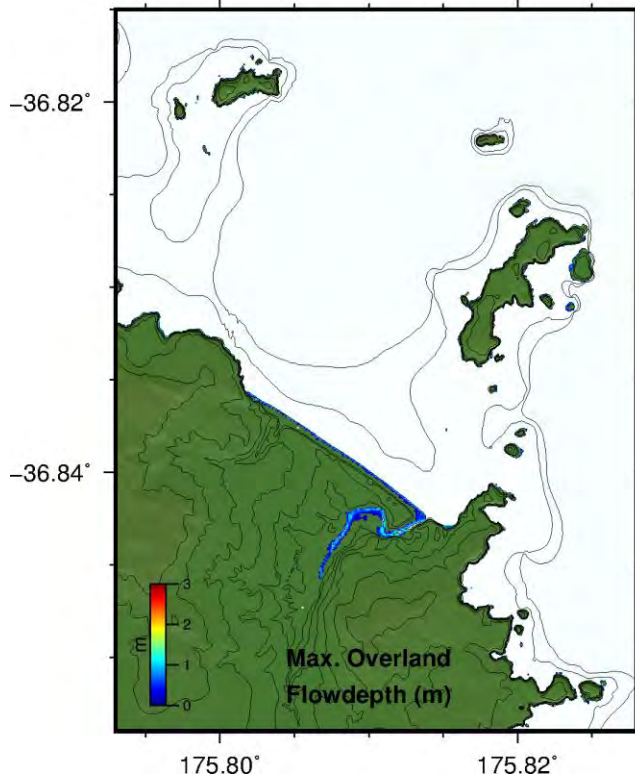
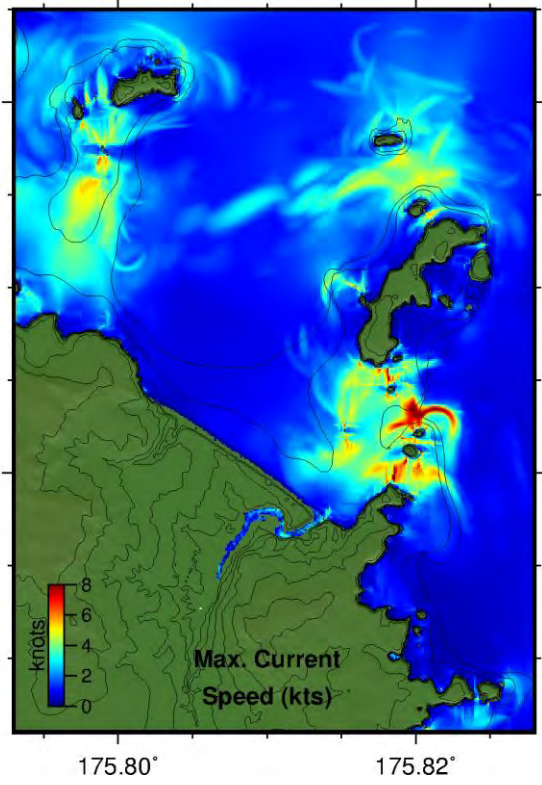
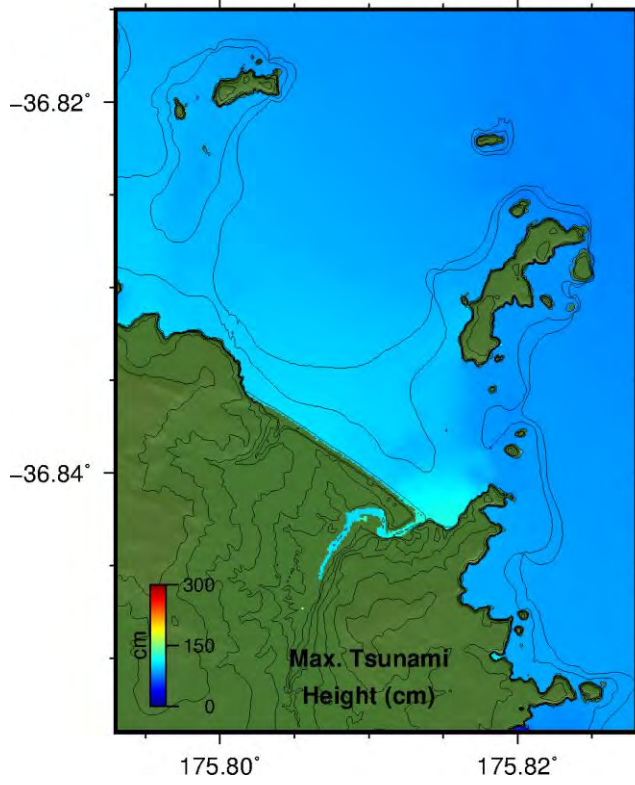


Cook's and Wharekaho

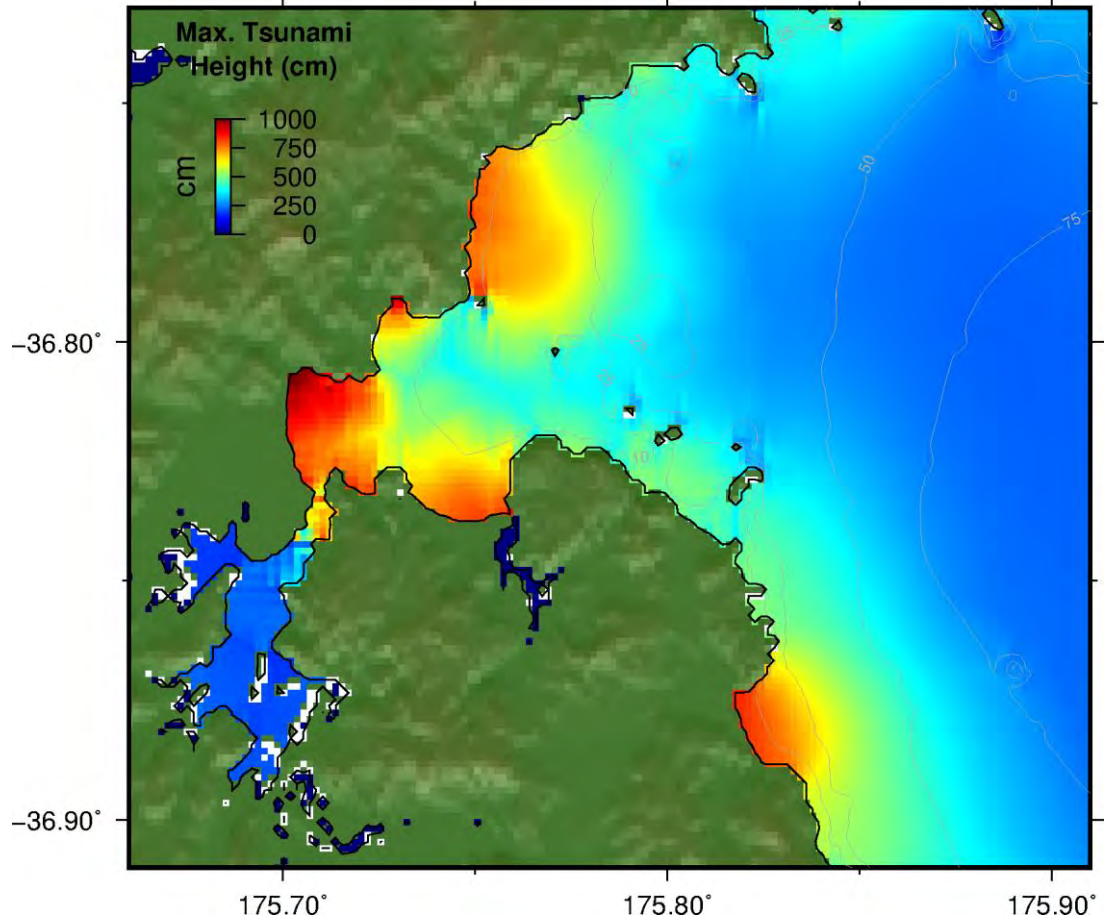
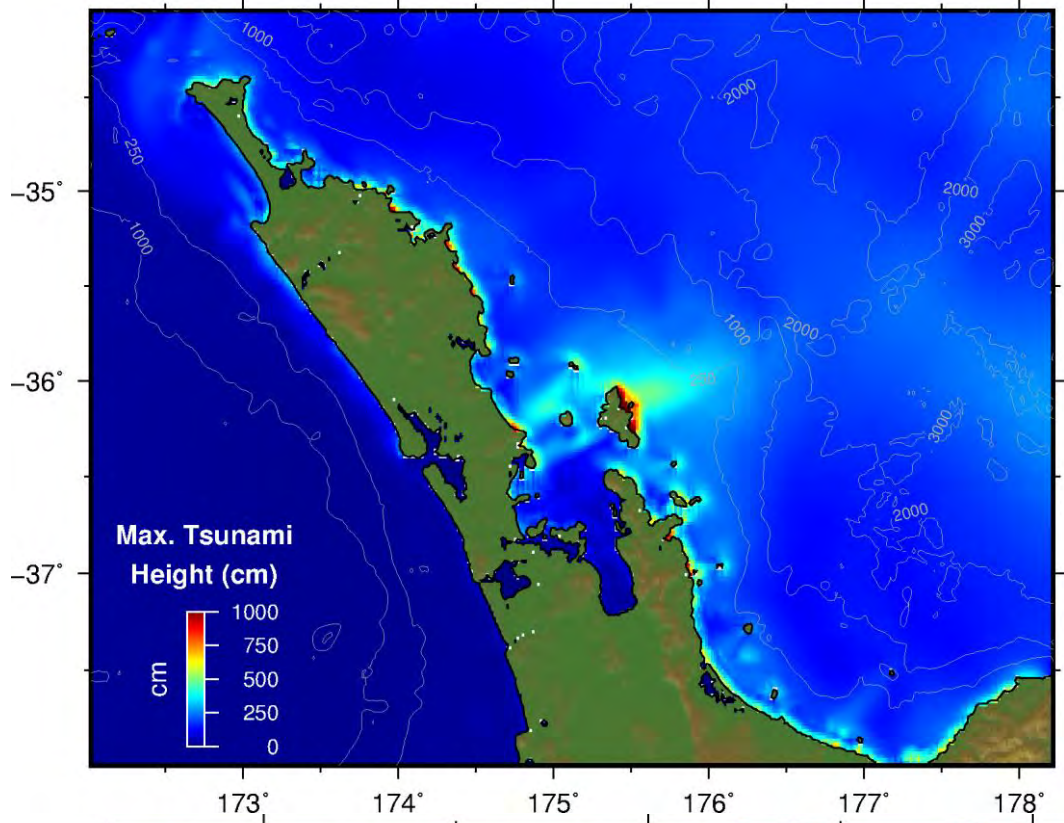


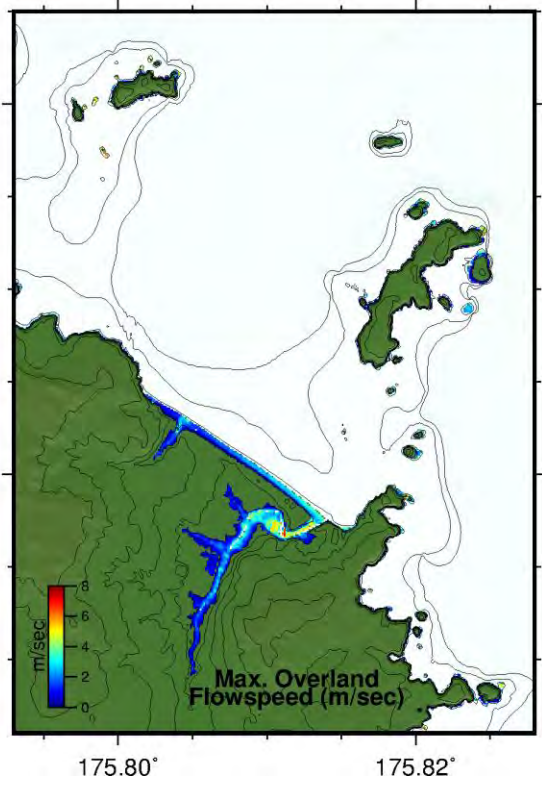
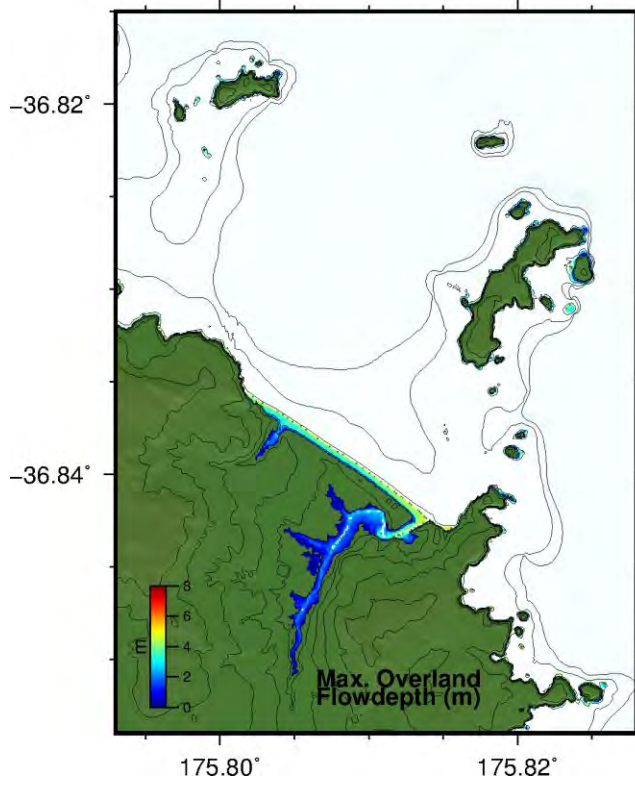
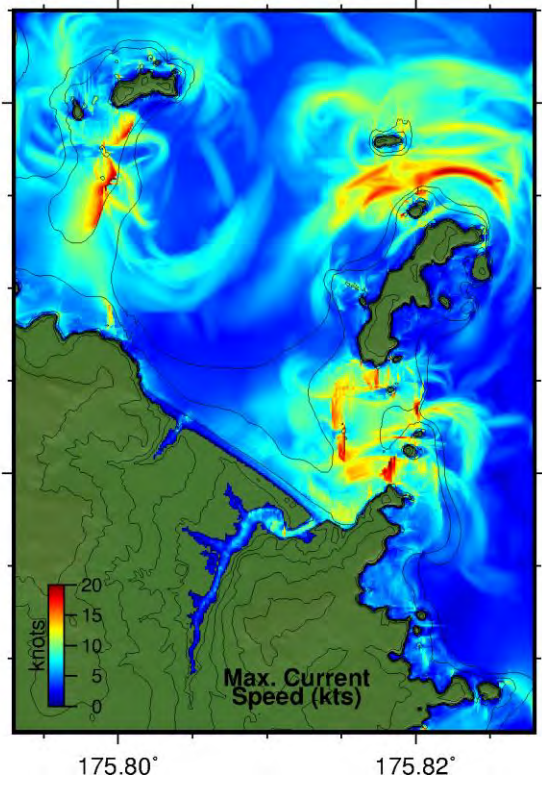
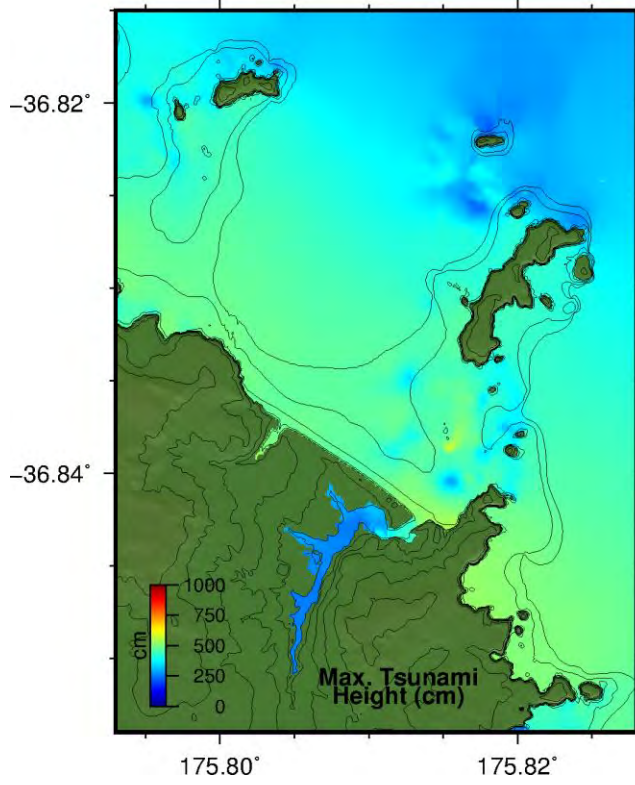
FF 07 HT Hahei



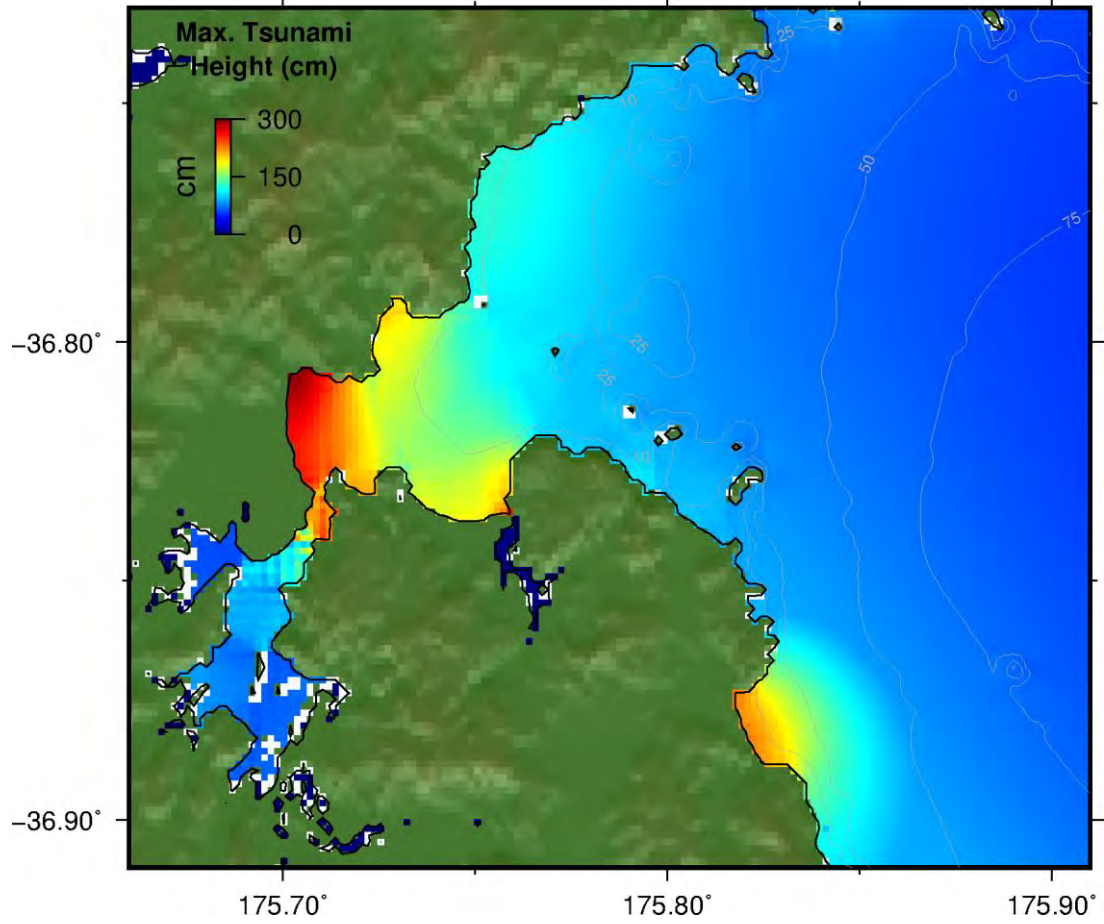
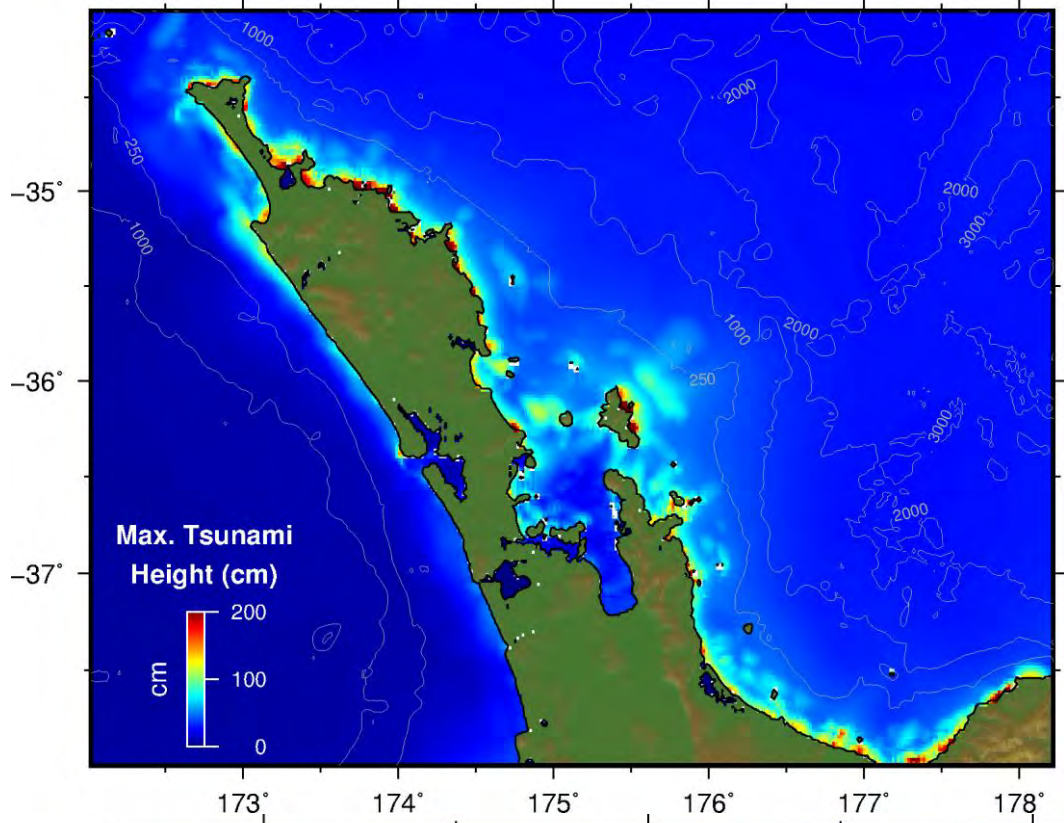


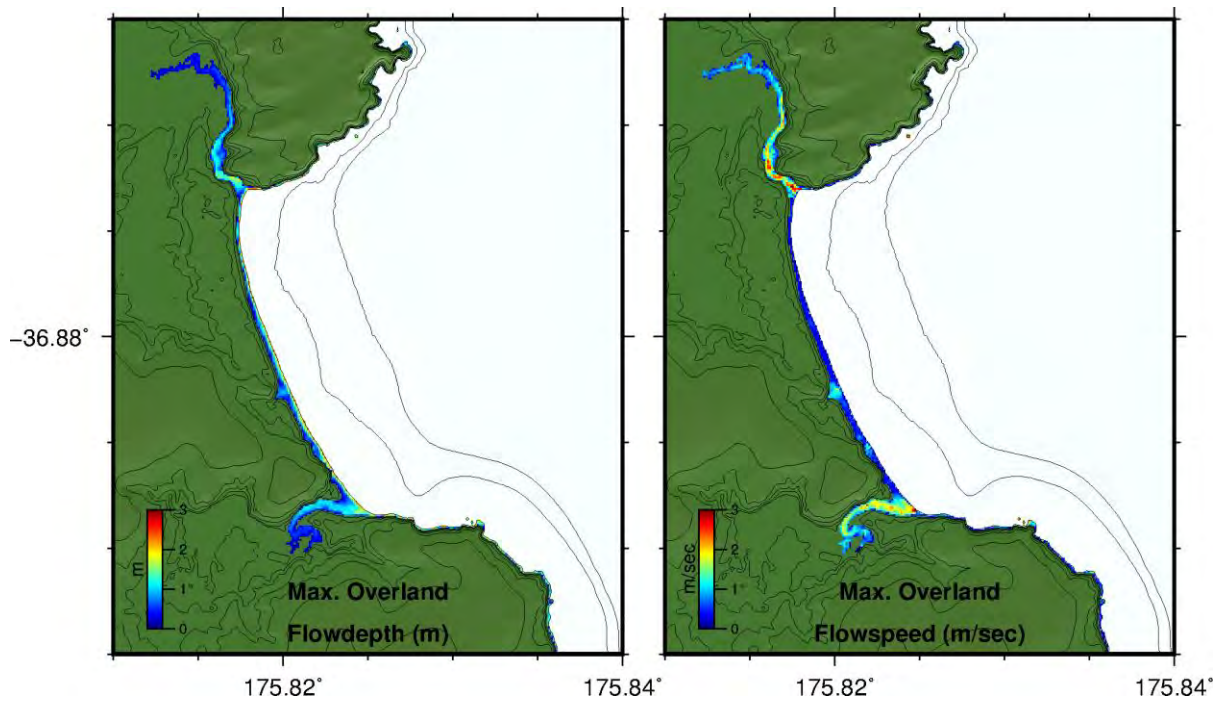
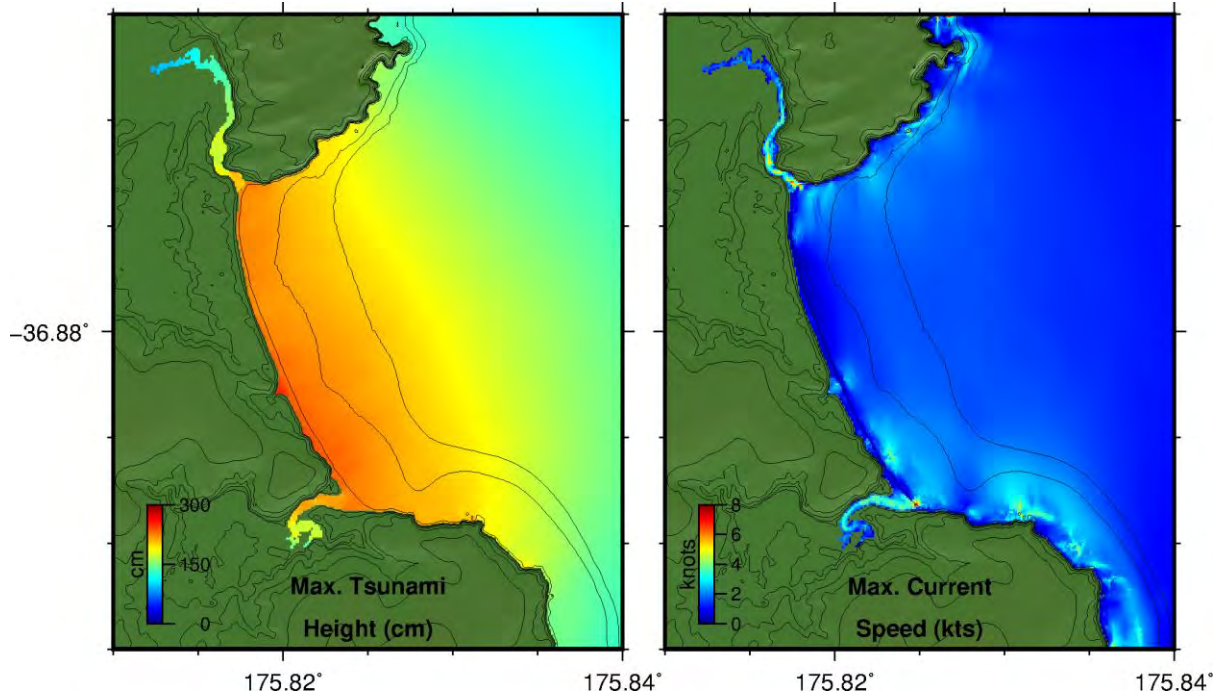
TK 08 HT Hahei



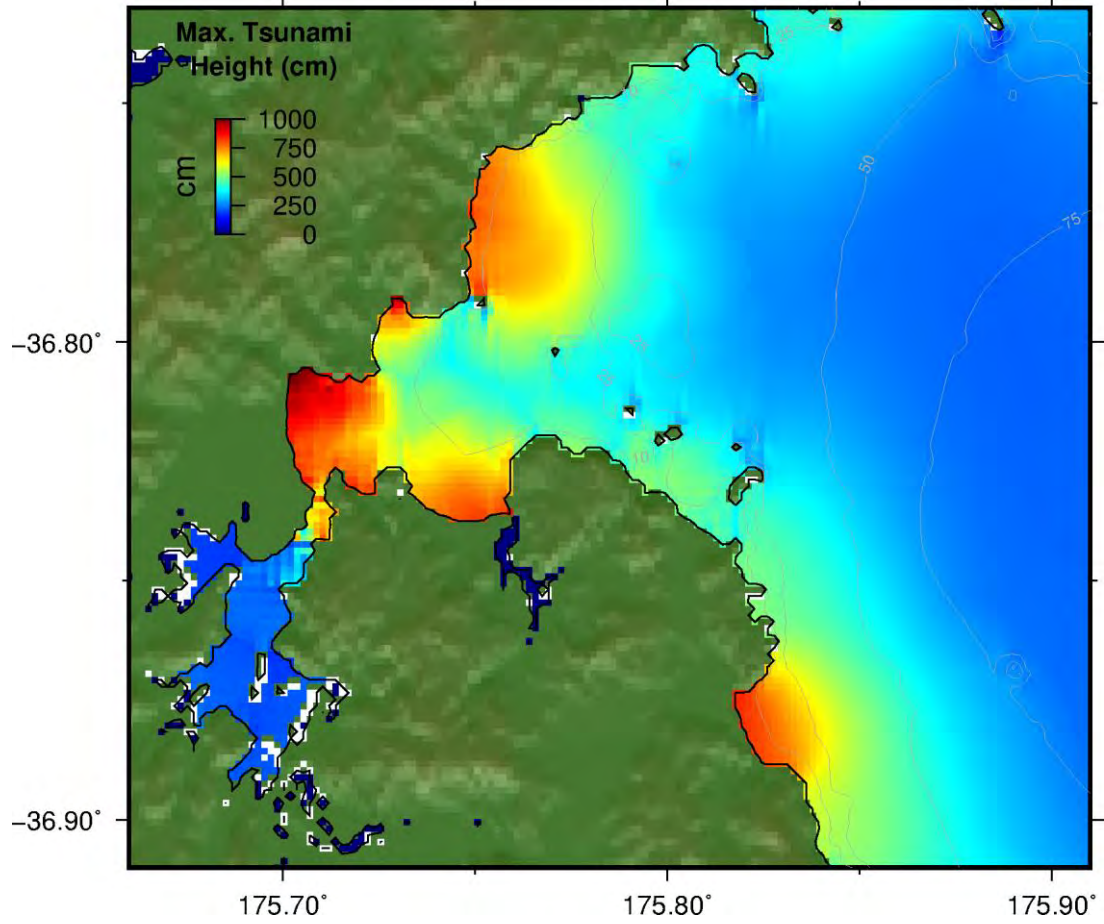
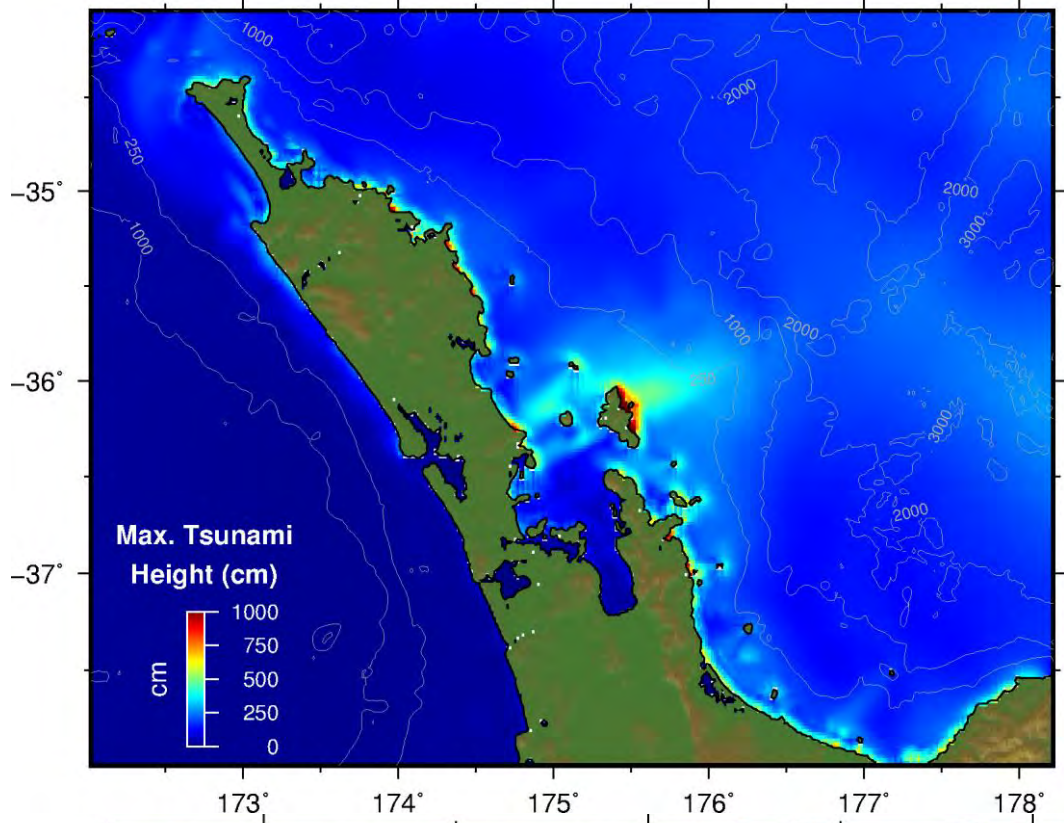


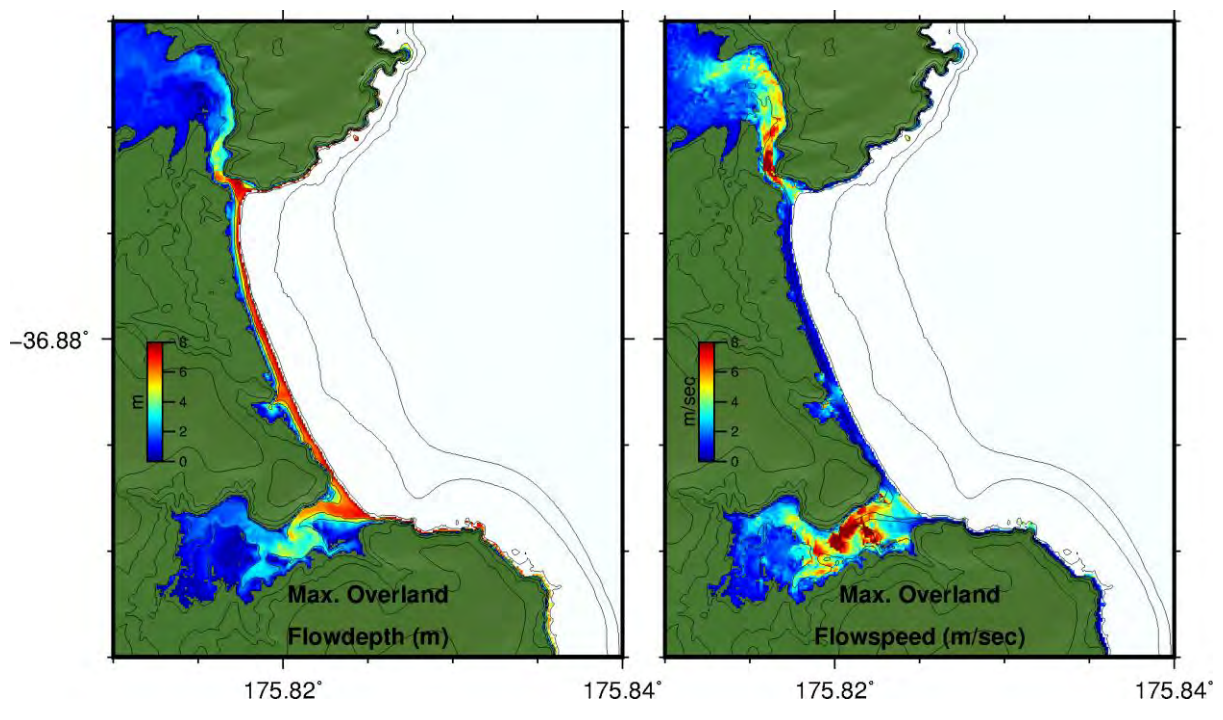
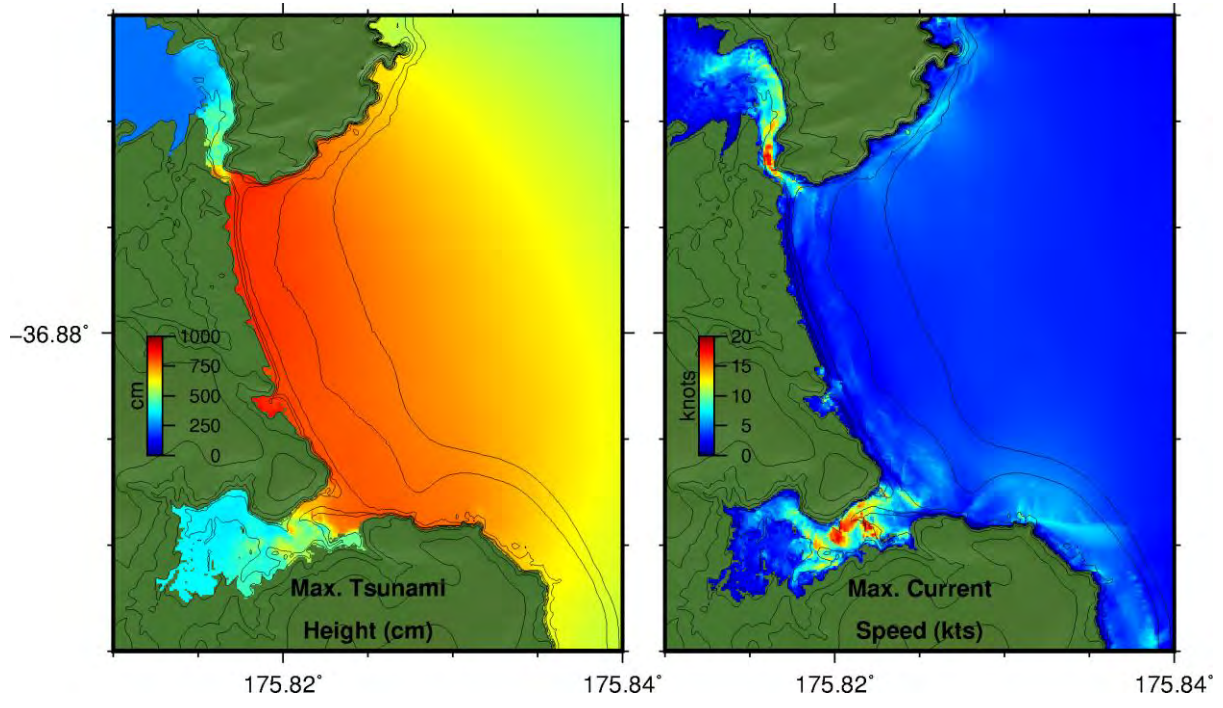
FF 07 HT Hot Water





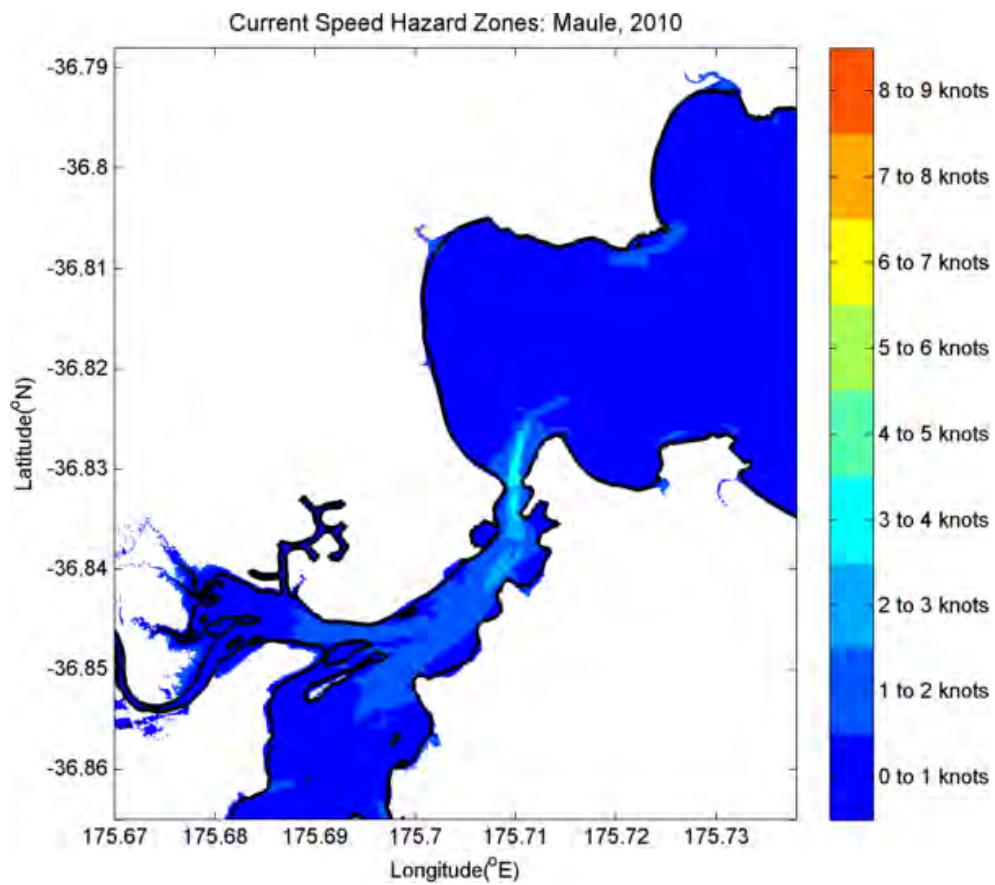
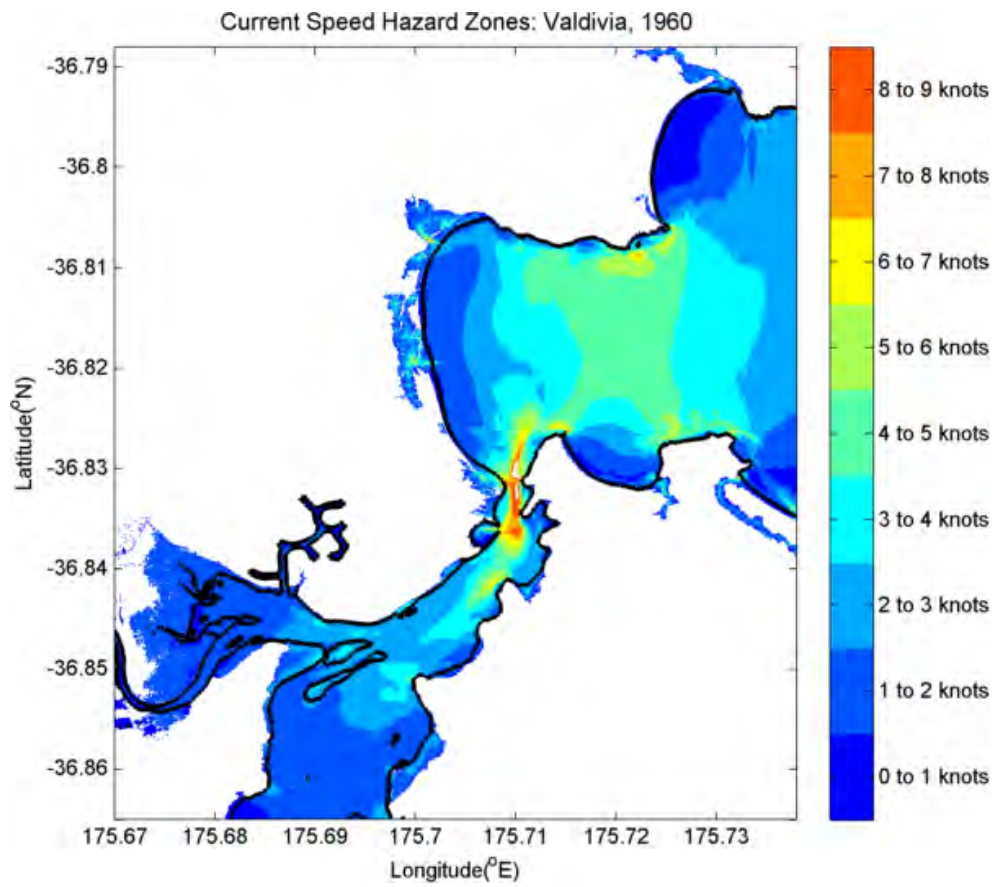
TK 08 HT Hot Water



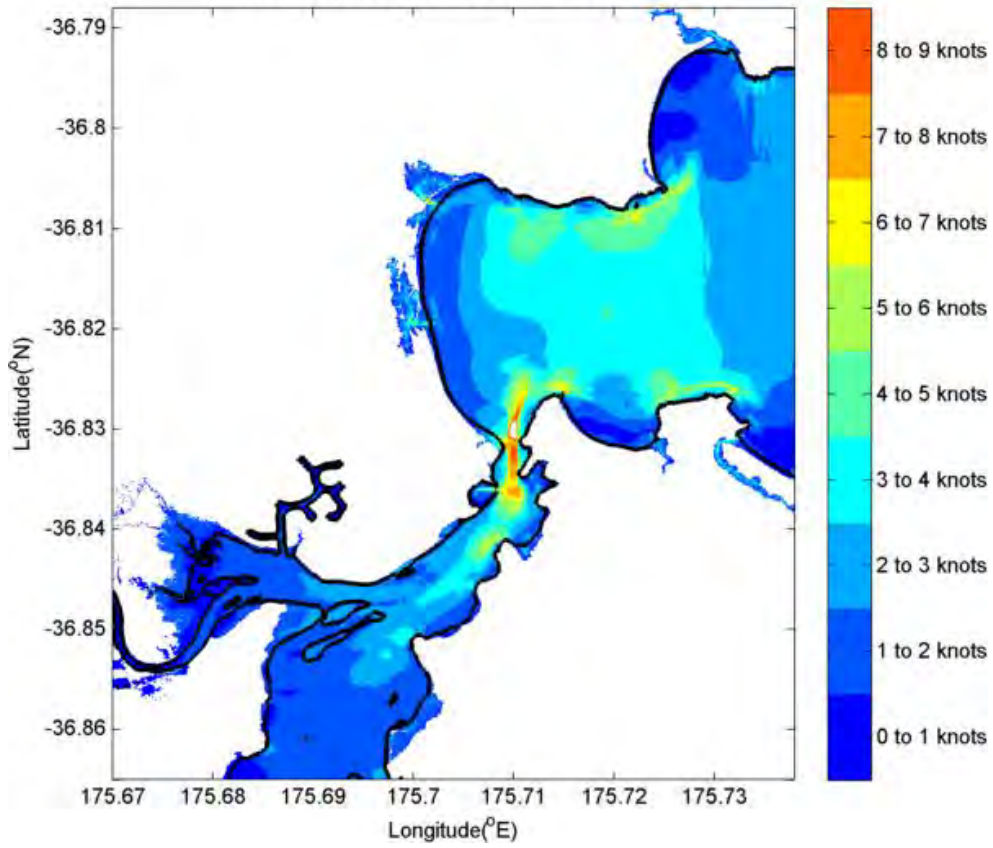


Appendix 2

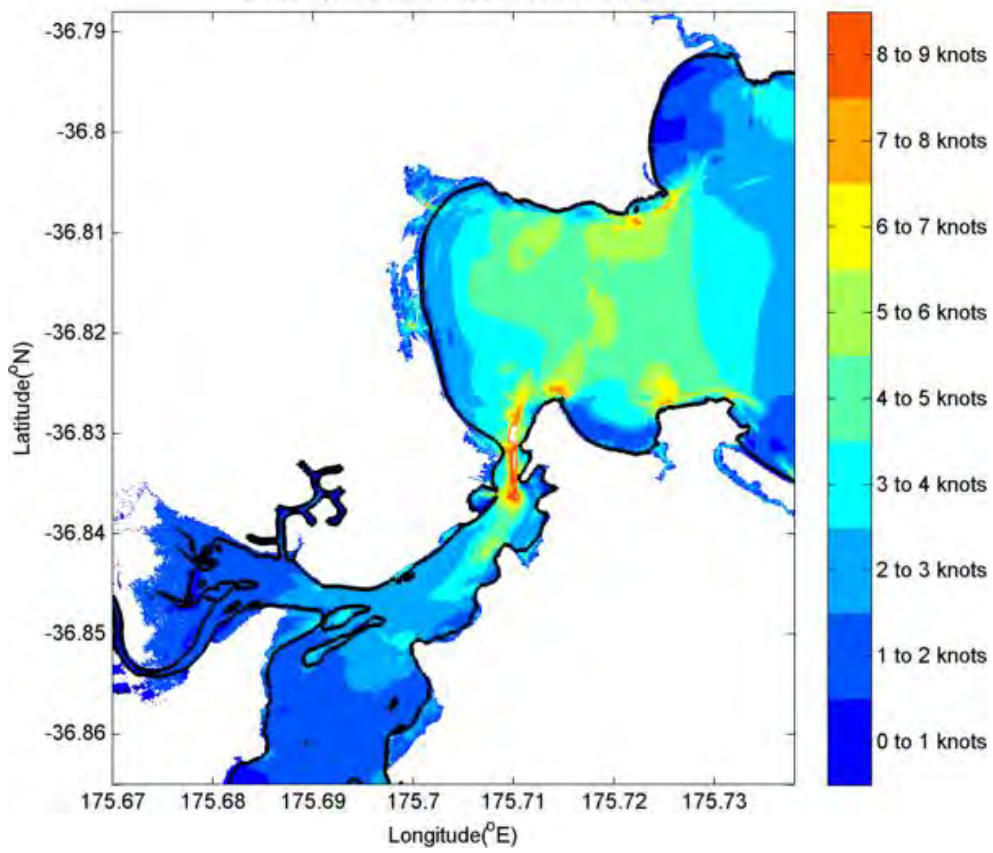
Current Hazard Zones



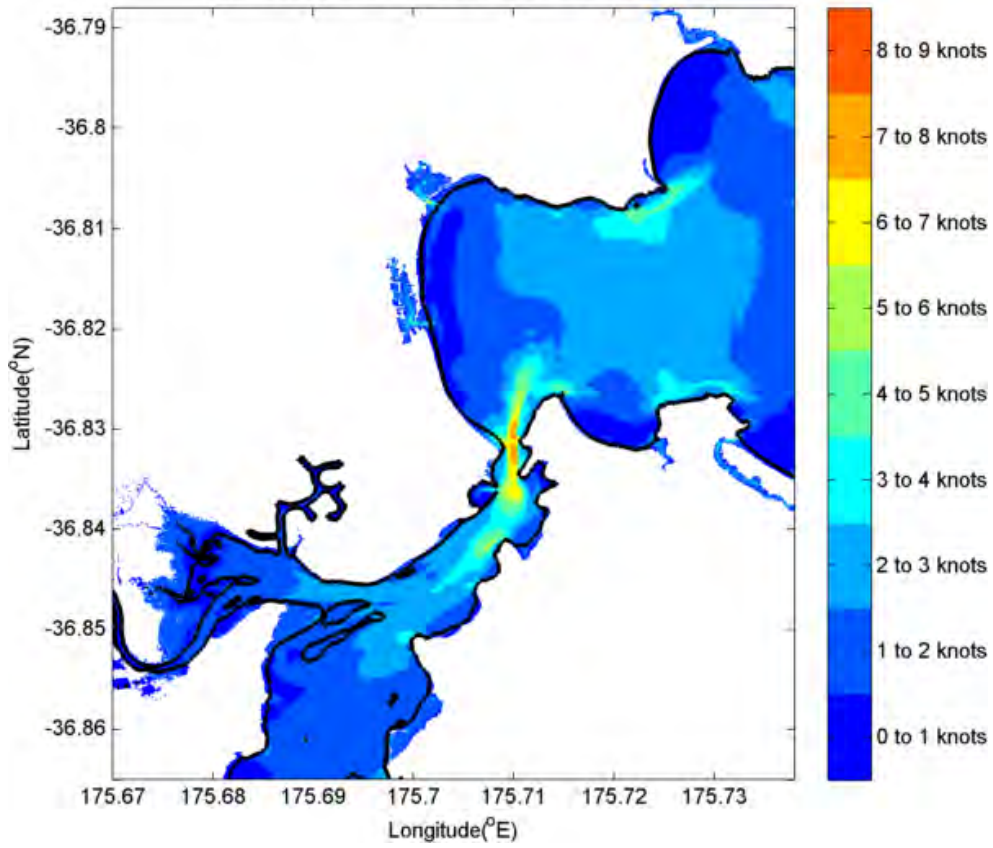
Current Speed Hazard Zones: Arica, 1868



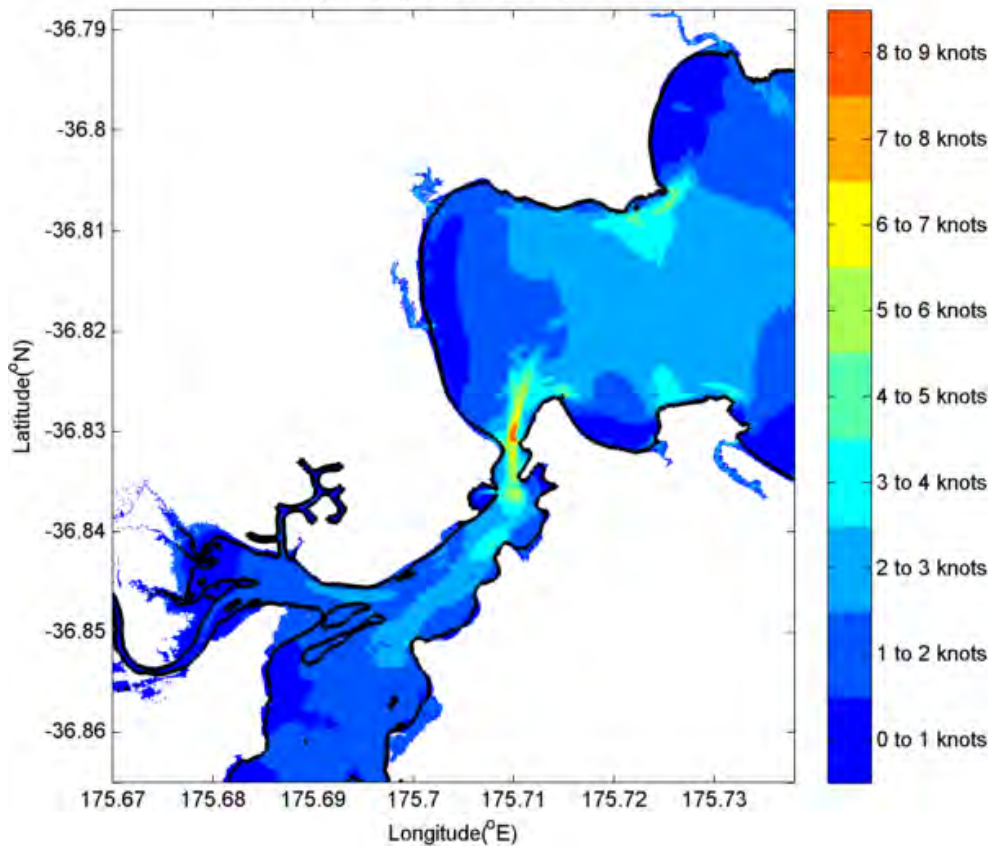
Current Speed Hazard Zones: North Chile 1



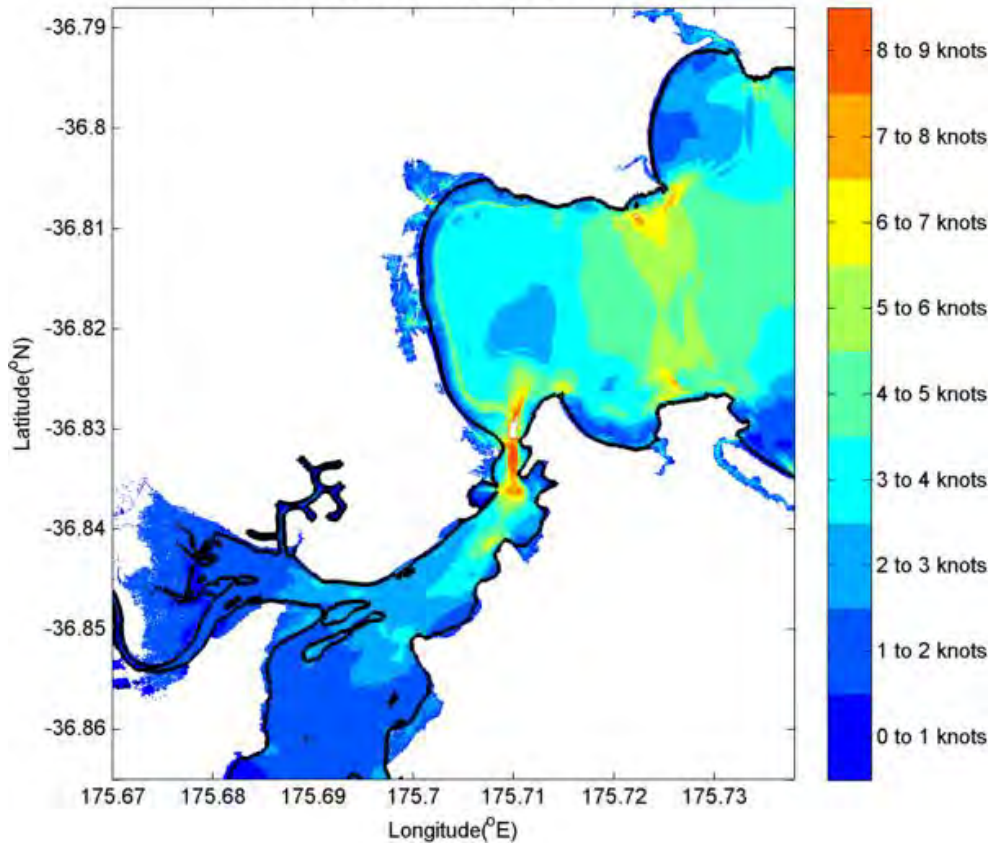
Current Speed Hazard Zones: North Chile 2



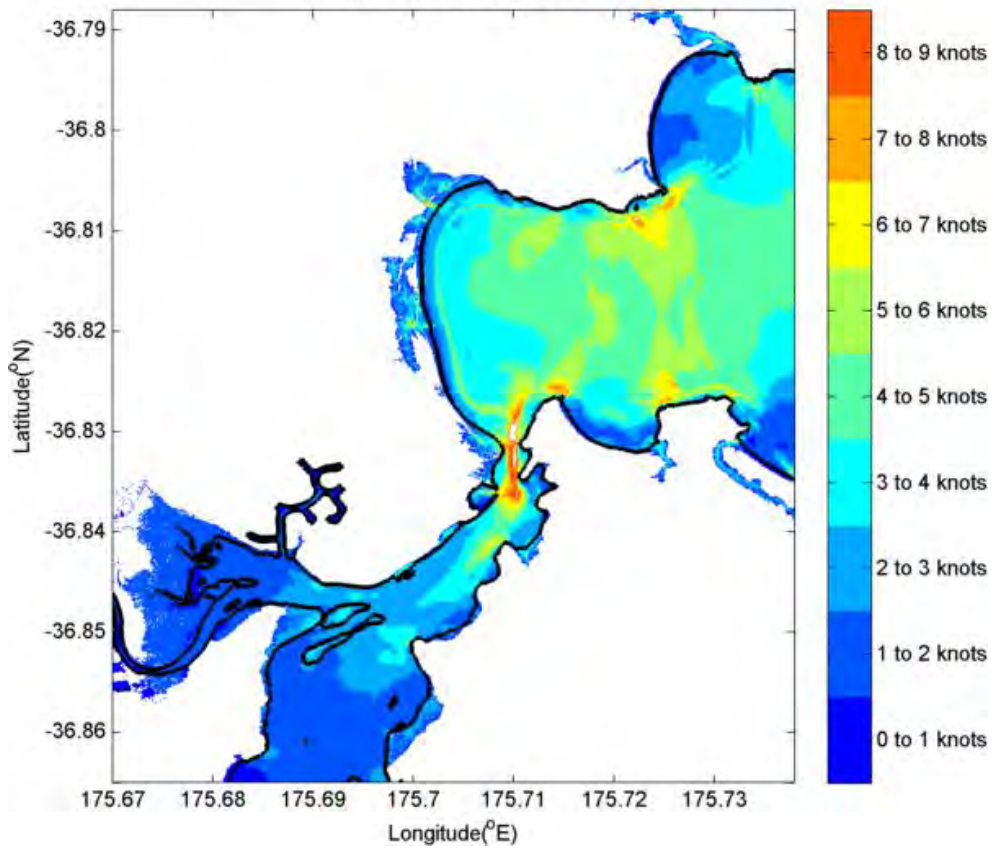
Current Speed Hazard Zones: North Chile 3



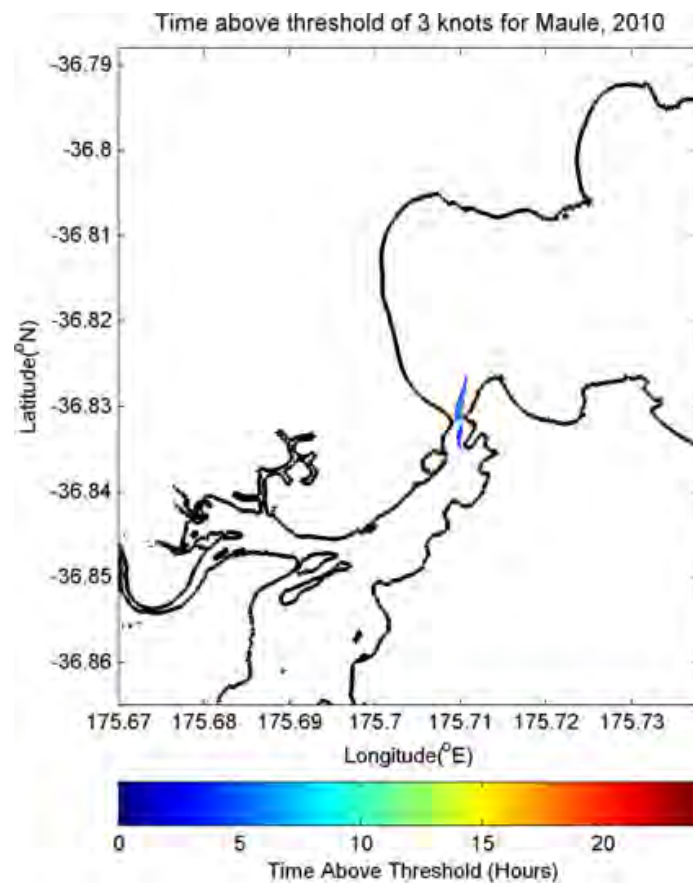
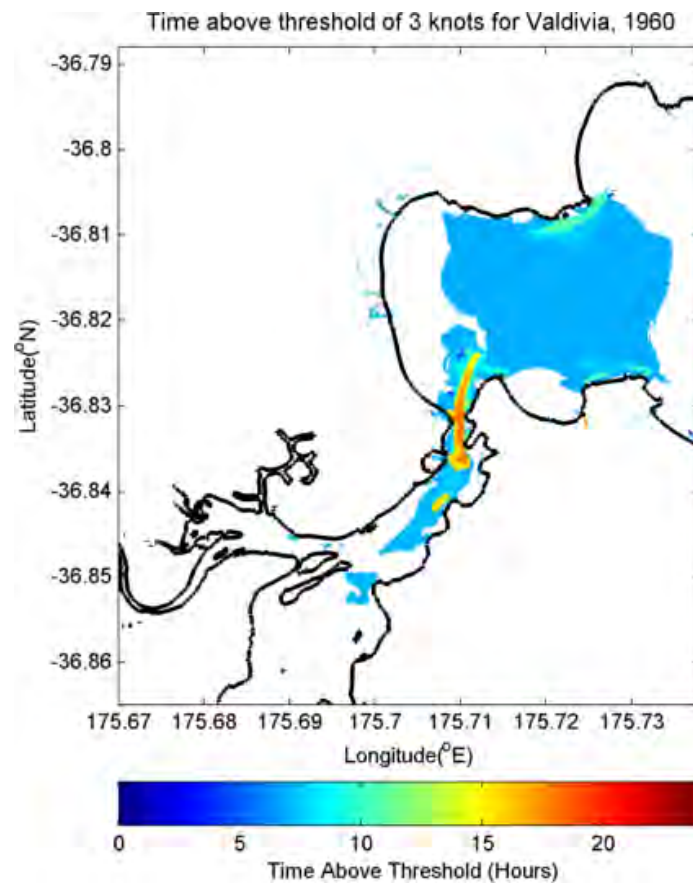
Current Speed Hazard Zones: Central Peru



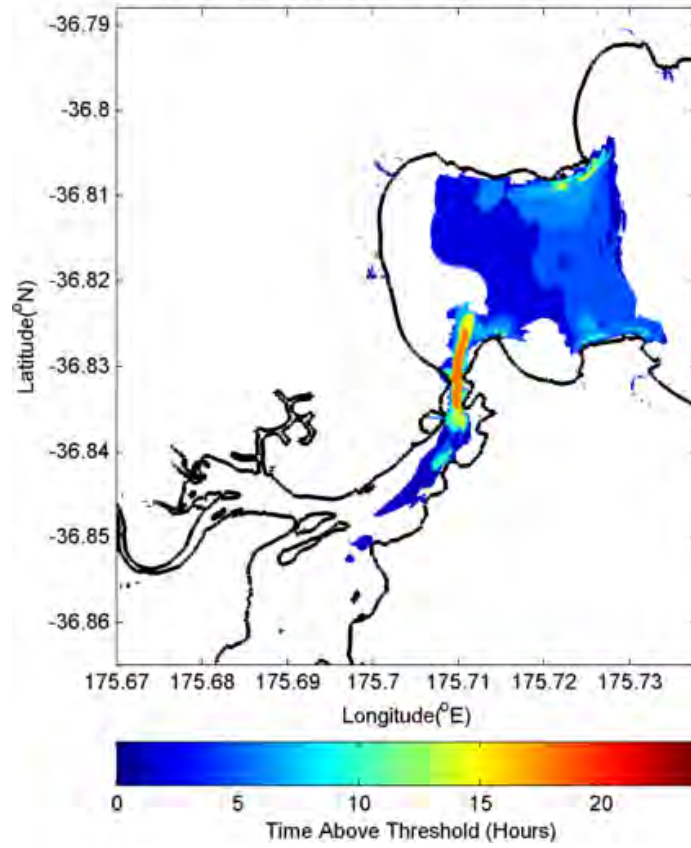
Hazard plot all sources



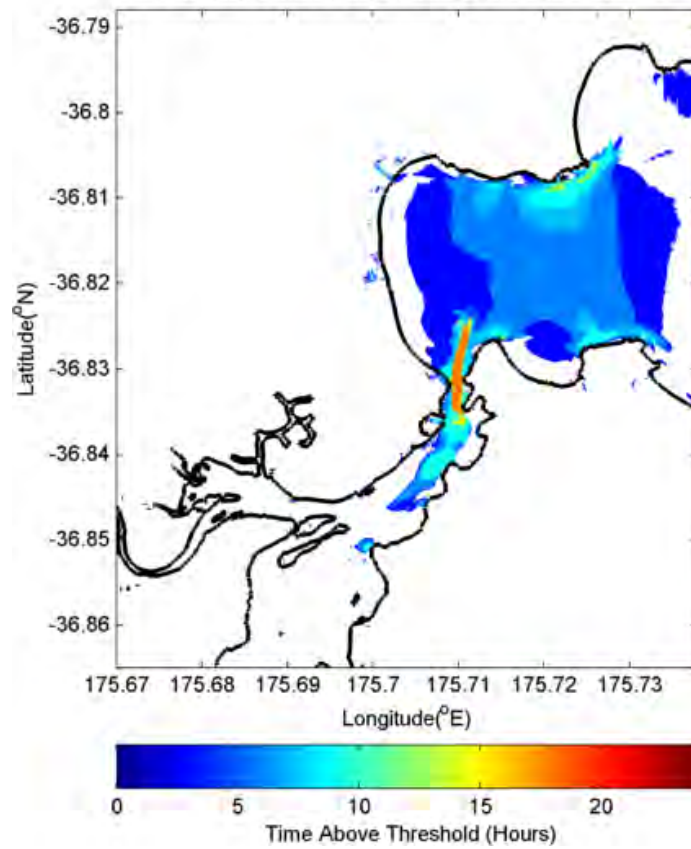
Current Speed/Time Threshold Plots



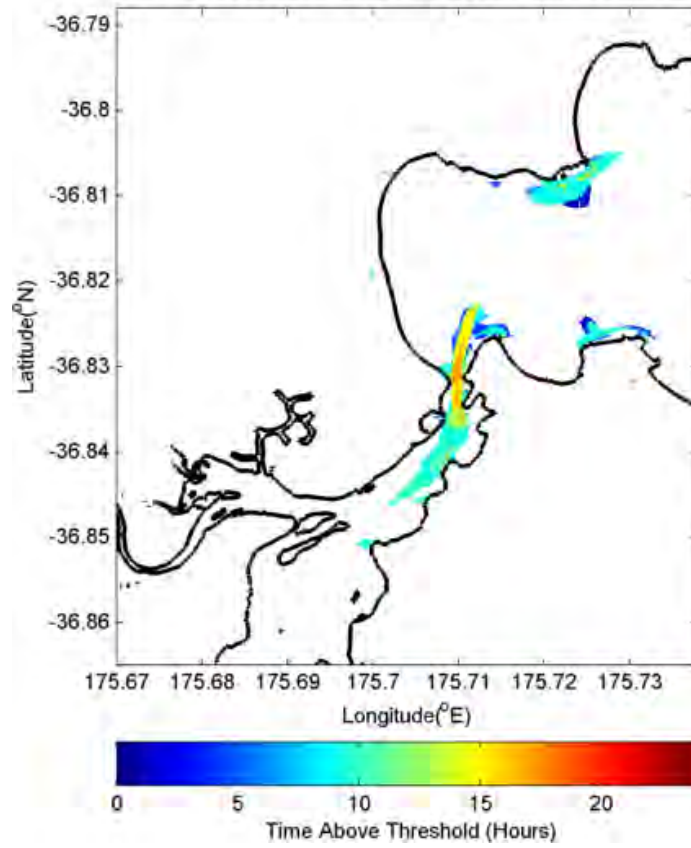
Time above threshold of 3 knots for Arica, 1868



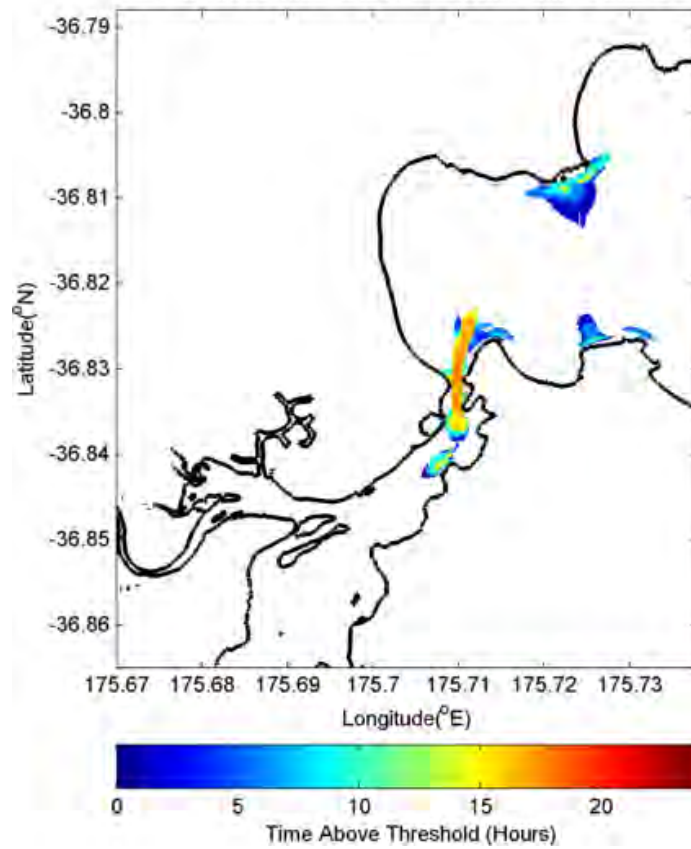
Time above threshold of 3 knots for North Chile 1



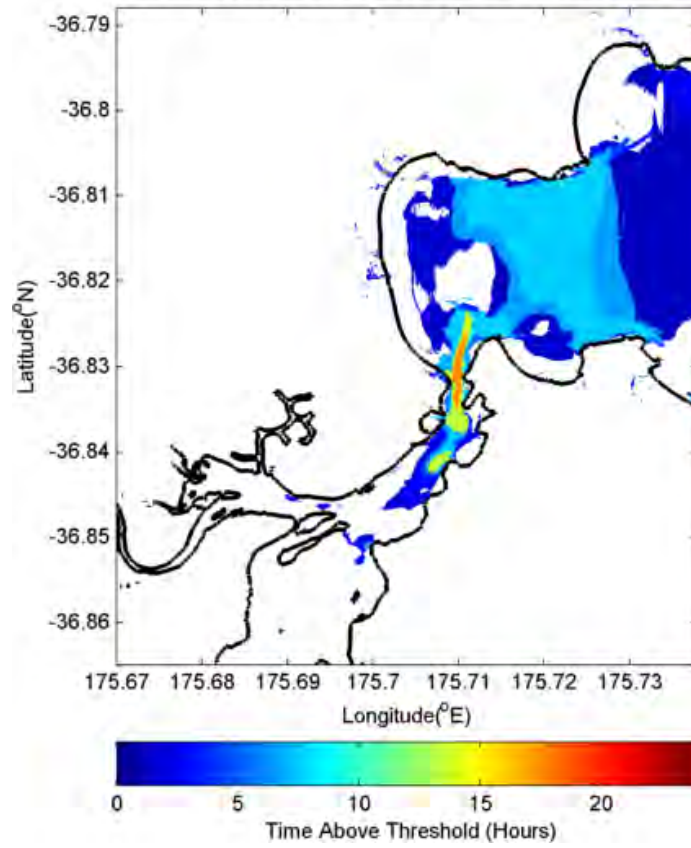
Time above threshold of 3 knots for North Chile 2



Time above threshold of 3 knots for North Chile 3

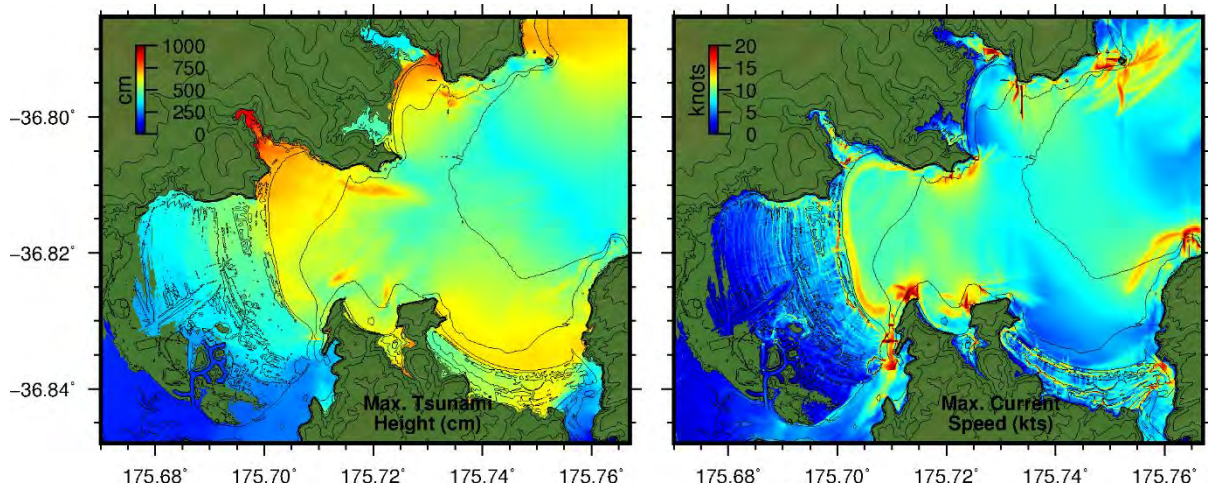


Time above threshold of 3 knots for Central Peru

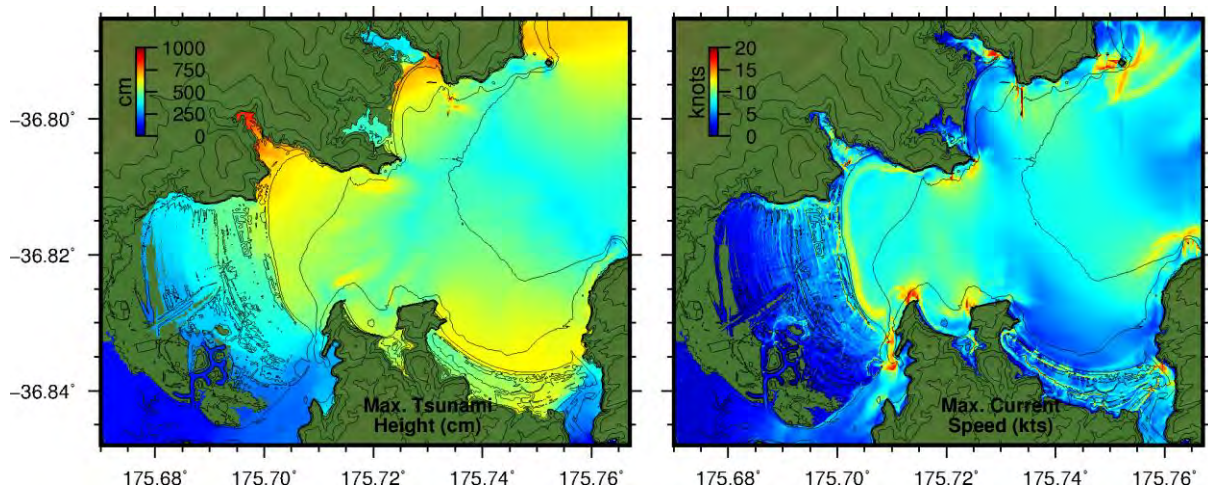


Appendix 3

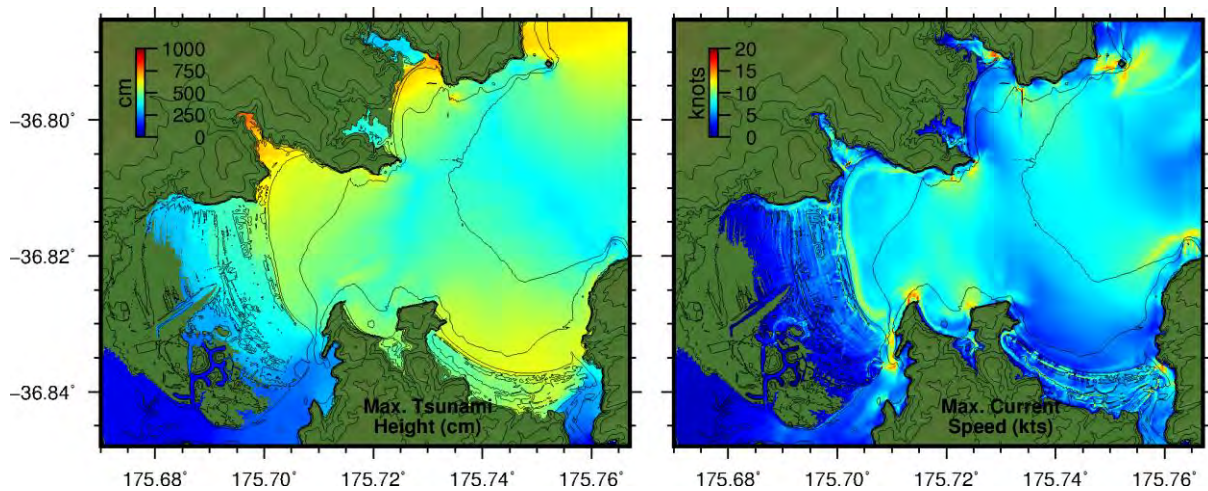
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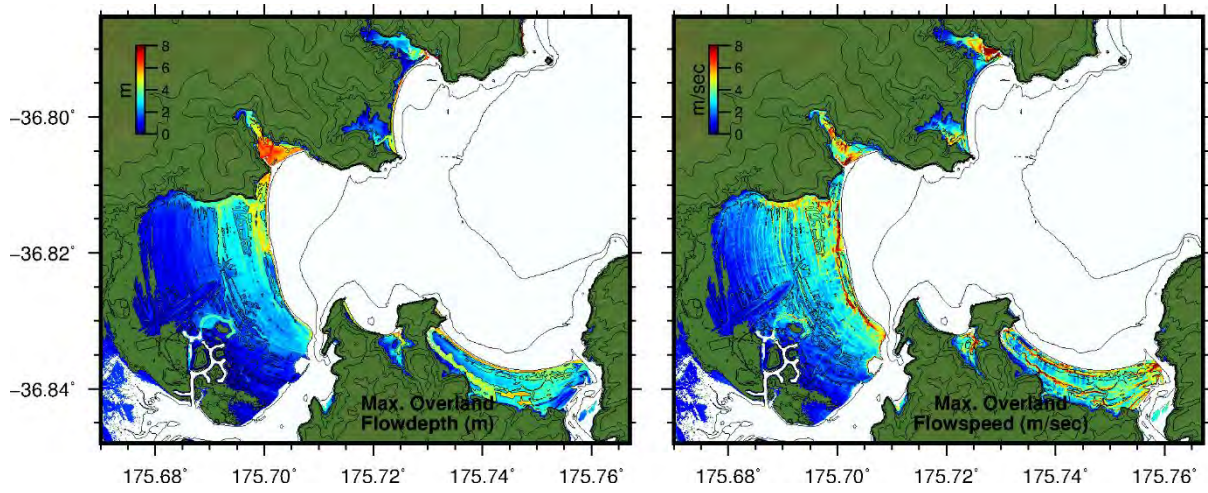
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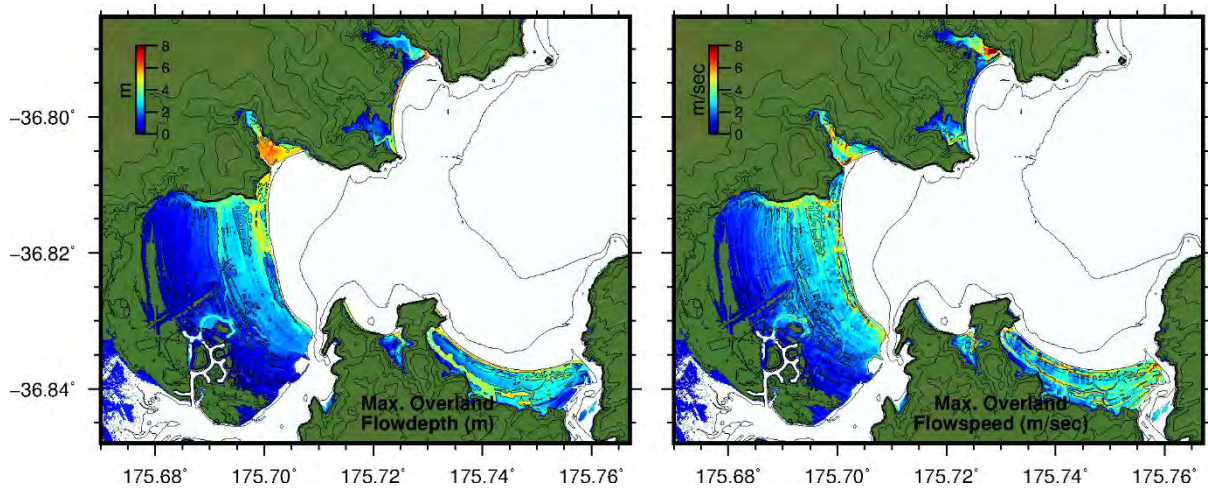
n = 0.040



n = 0.030



n = 0.035



n = 0.040

