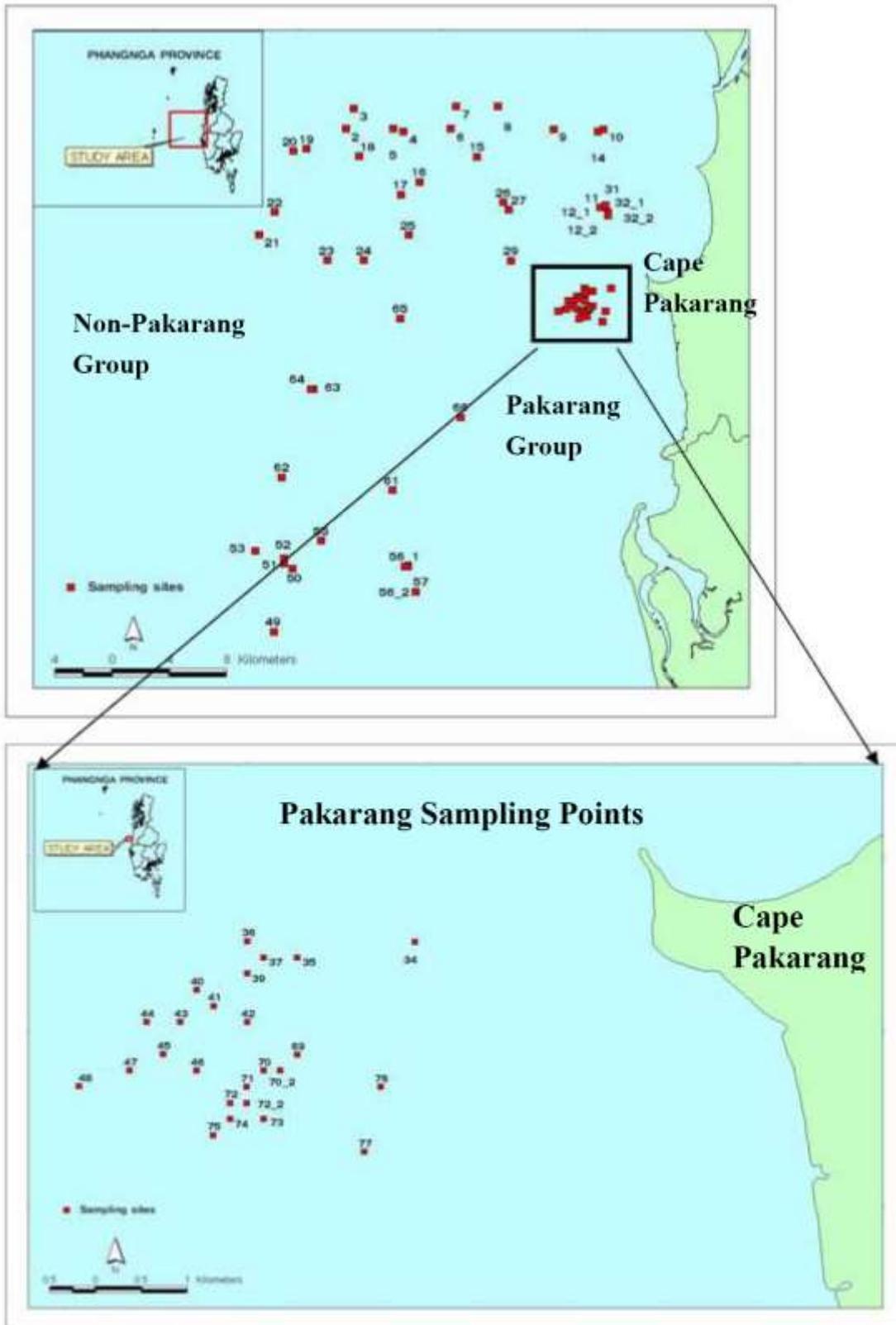
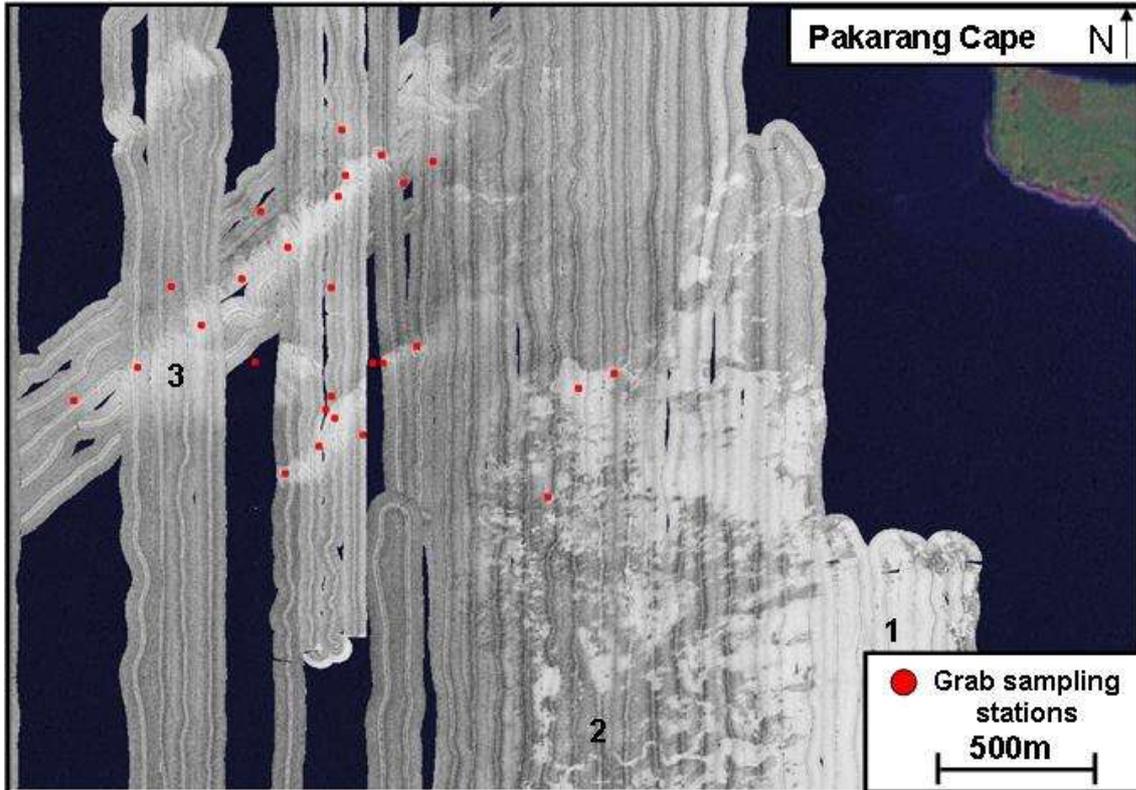


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**Fig. S1.** Overview of multibeam echo sounder data and grab samples obtained during the 2007 cruise with RV CHAKRATONG TONGYAI. Bathymetry based on multibeam echo sounder data. Grab samples were taken during a cruise with RV CHAKRATONG TONGYAI in November and December 2007.



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 12 **Fig. S2.** Sampling site locations at the tsunami-affected coastal areas of Andaman  
 13 Sea.  
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 20 **Fig. S3.** Side Scan Sonar data (taken during the 2008 cruise with RV BOONLERT PASOOK)  
 21 around Pakarang Cape. 1: Fine-grained sediments occur close to the coastline, in water depths  
 22 between 5 and 10 m. 2. One of several small scale channels (width between 25 and 60 m) apparent  
 23 in the side scan sonar data. 3: Area of elevated sediment transport structures. Sediment distribution  
 24 is based on side scan sonar mapping. White colours reflect fine grained sediment, dark colours  
 25 reflects more coarse grained sediment (sand).

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**Fig. S4.** Map of PM<sub>10</sub> sampling sites.