Near real-time forecasting experiment of typhoon in the South China Sea with a high resolution regional fully-coupled model

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forecast over peal-delta rive area.

Figure 6. The ocean-atmosphere coupled model forecast for typhoon Hato. (a)Wind direction, (b) Significant wave height & Peak Direction, (c) Hs, swell Significant wave height & swell wave direction, (d) Wave period & Peak direction, (e) Peak wave period & Peak wave direction, (f) amplitude of tide.



Figure 7. The near-real time forecasts for typhoon Mangkhut.