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CORRECTION

Correction to: Northerly wind trends along the Portuguese marine coast since 1950

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The original version of this article unfortunately contained mistakes. All figure captions are not accurate. Also, there is a repeated error in most figures because the vertical scales incorrectly show "Wind Strenght" instead of "Wind Strength" and in Fig. 4 (mid-panel) "2003" instead of "2004". The corrected figures are given below.

The online version of the original article can be found at https://doi.org/10.1007/s00704-018-2466-9

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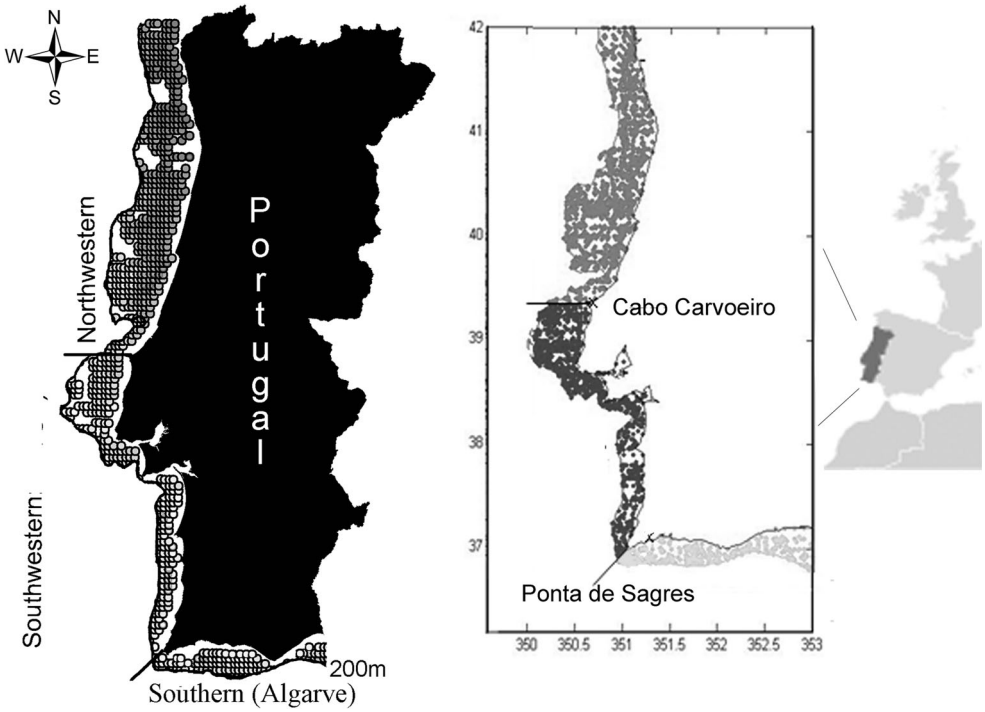

Fig. 1 Map of the Portuguese coast, showing the areas studied and information on the satellite (left panel) and ICOADS (right panel) observation points used to extract the mean wind velocity between the surface and 200 m height for each area. The delimitation of each area (Northwestern - NW, Southwestern - SW and Southern - S) was adopted according to oceanographic studies and fisheries stocks division (ICES subdivision)

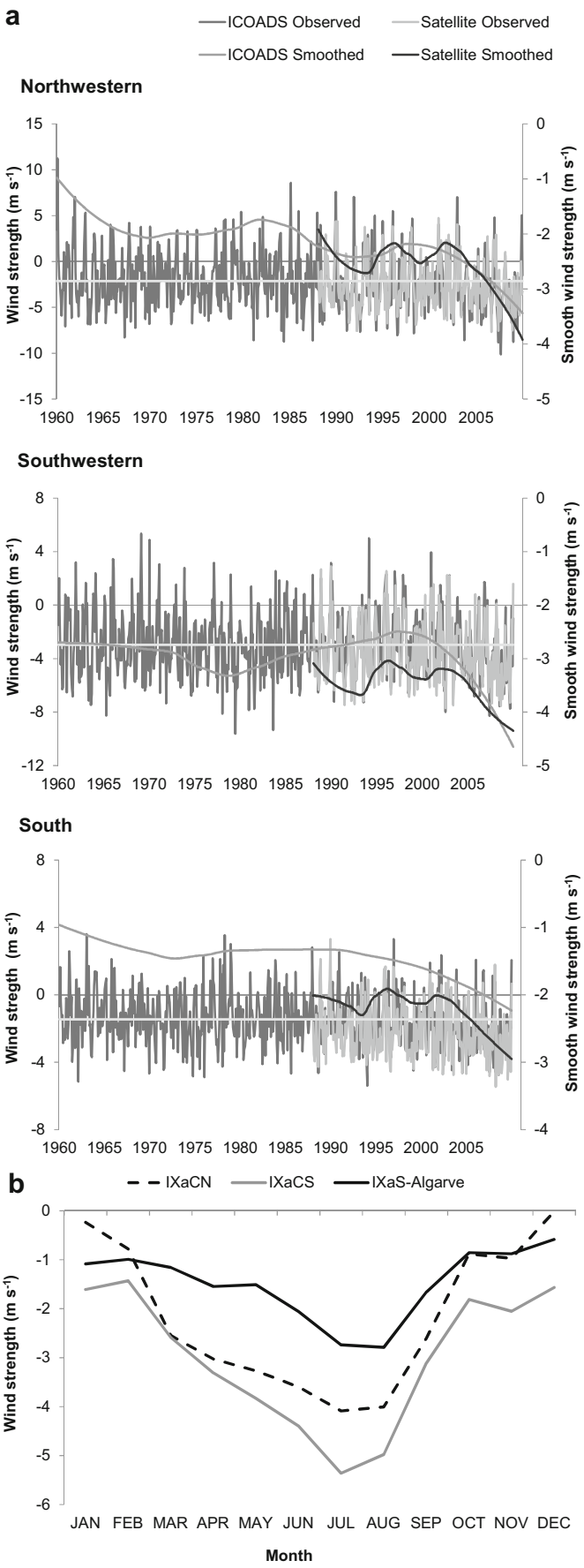

Fig. 2 **a** Observed and smoothed values (after LOESS) of monthly northerly wind time series intensity (v-wind) for both ICOADS and Satellite data by study area: Northwestern (NW), Southwestern (SW) and Southern (S). The horizontal line represents the average monthly v-wind values between 1960 and 2010 (ICOADS data). **b** Observed mean monthly v-wind values for ICOADS data between 1960 and 2010

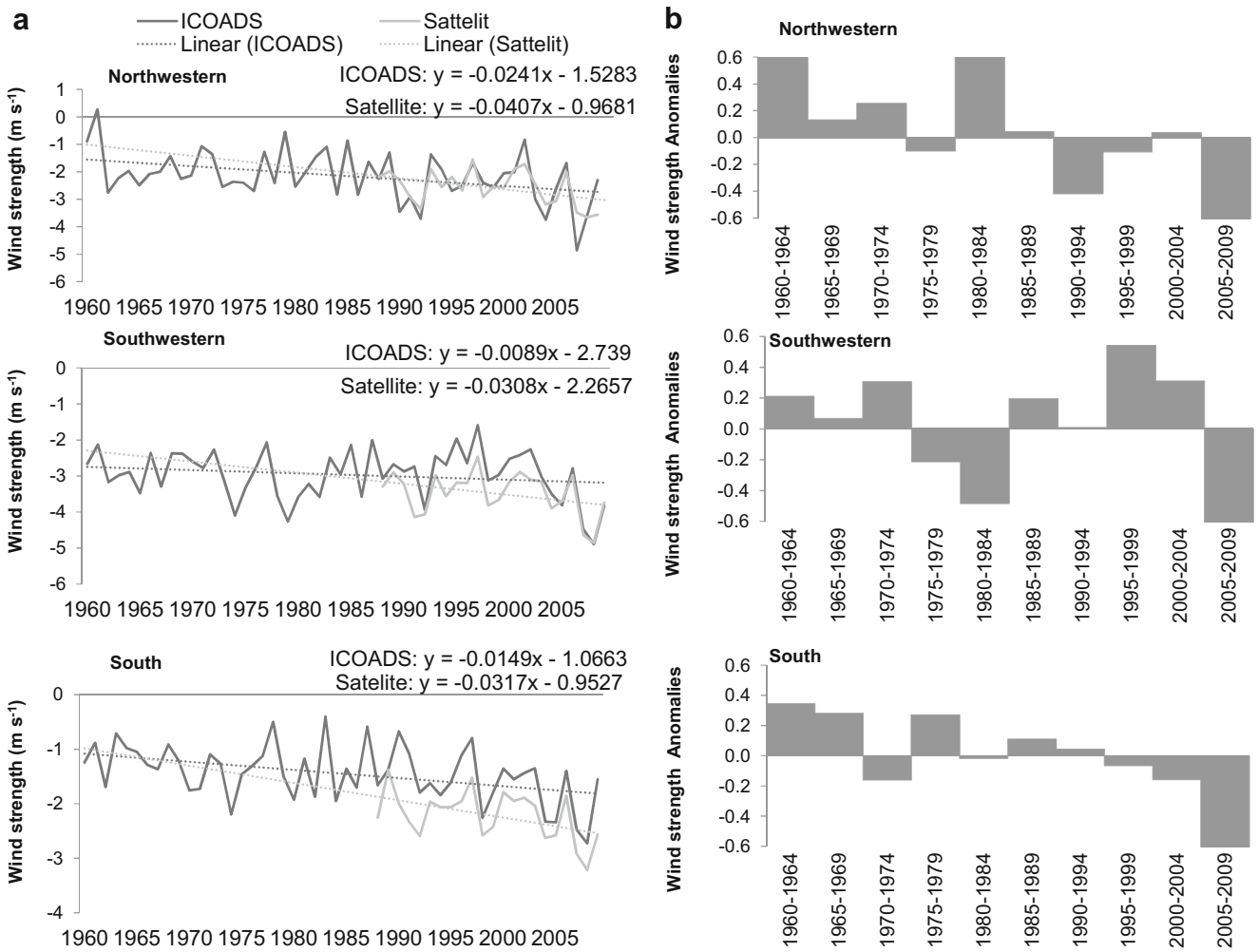

Fig. 3 **a** Observed and linear adjusted annual ICOADS and Satellite northerly wind (v-wind) trends by study area (left panel): Northwestern (NW), Southwestern (SW) and Southern (S). **b** Half-decadal anomalies in the northerly wind (v-wind)

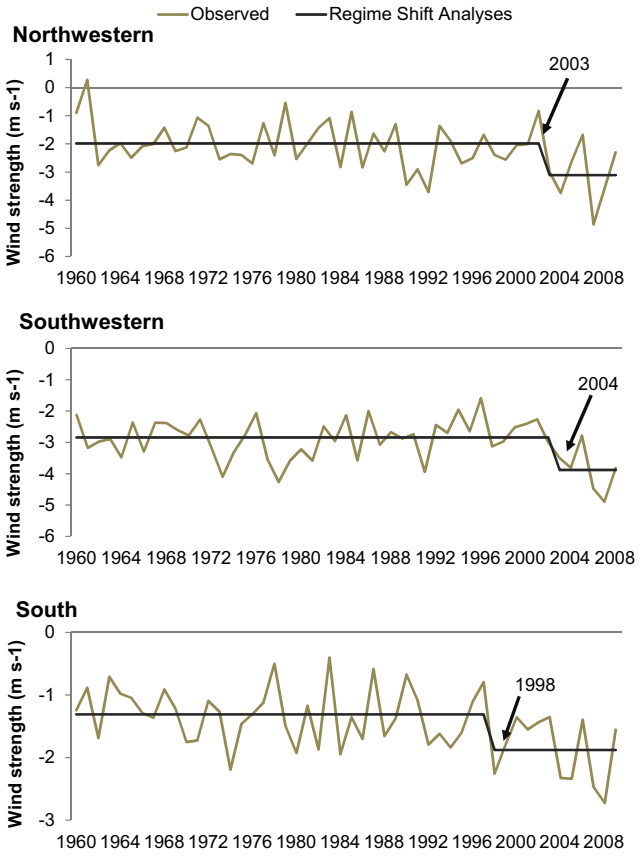

Fig. 4 Sudden shifts in the annual northerly wind (v-wind) by study area (black lines representing the RSI - Regime Shift Index): Northwestern (NW), Southwestern (SW) and Southern (S-Algarve). The significant regime shift index periods and inflection year are indicated

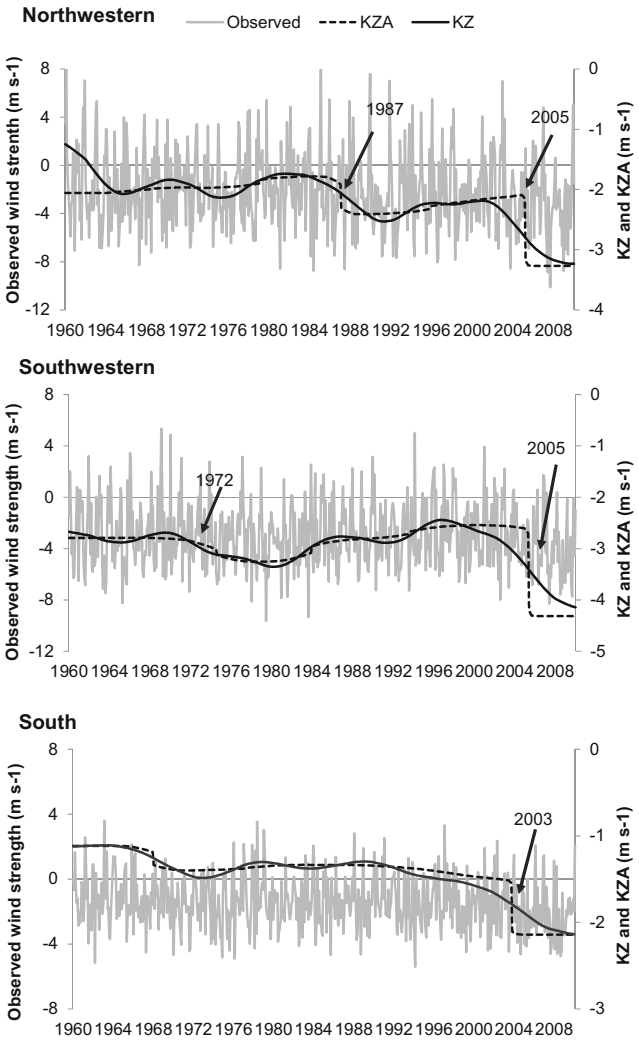

Fig. 5 Monthly observed, Kolmogrov-Zurbenko (KZ) and Kolmogrov-Zurbenko Adaptative filter (KZA) trends in northerly wind (v-wind) sudden shifts by study area: Northwestern (NW), Southwestern (SW) and Southern (S)

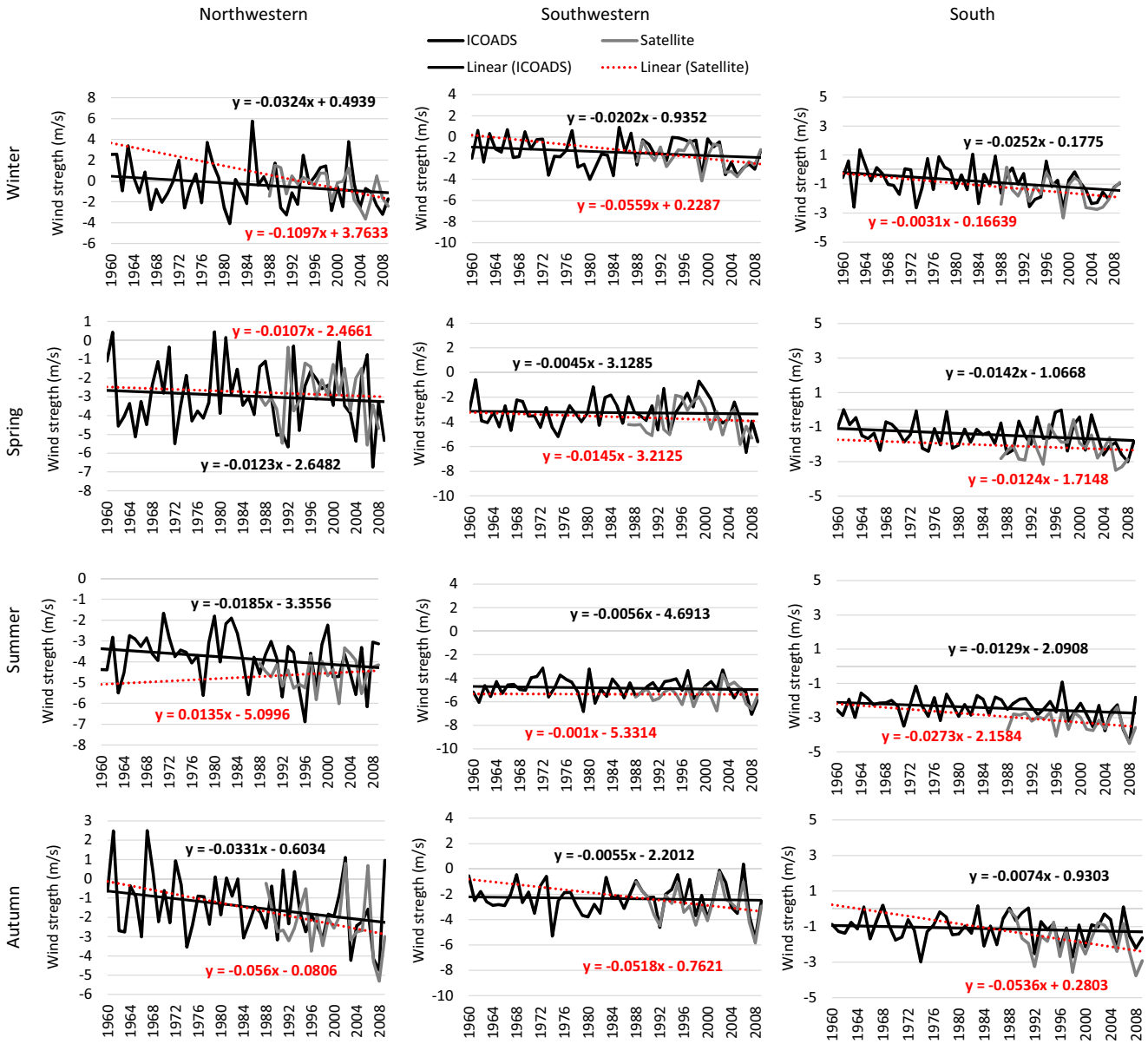

Fig. 6 Inter-annual seasonal observed and linear adjusted northerly wind (v-wind) values by study area: (**a**) Northwester (NW); (**b**) Southwestern (SW); and c) Southern (S)

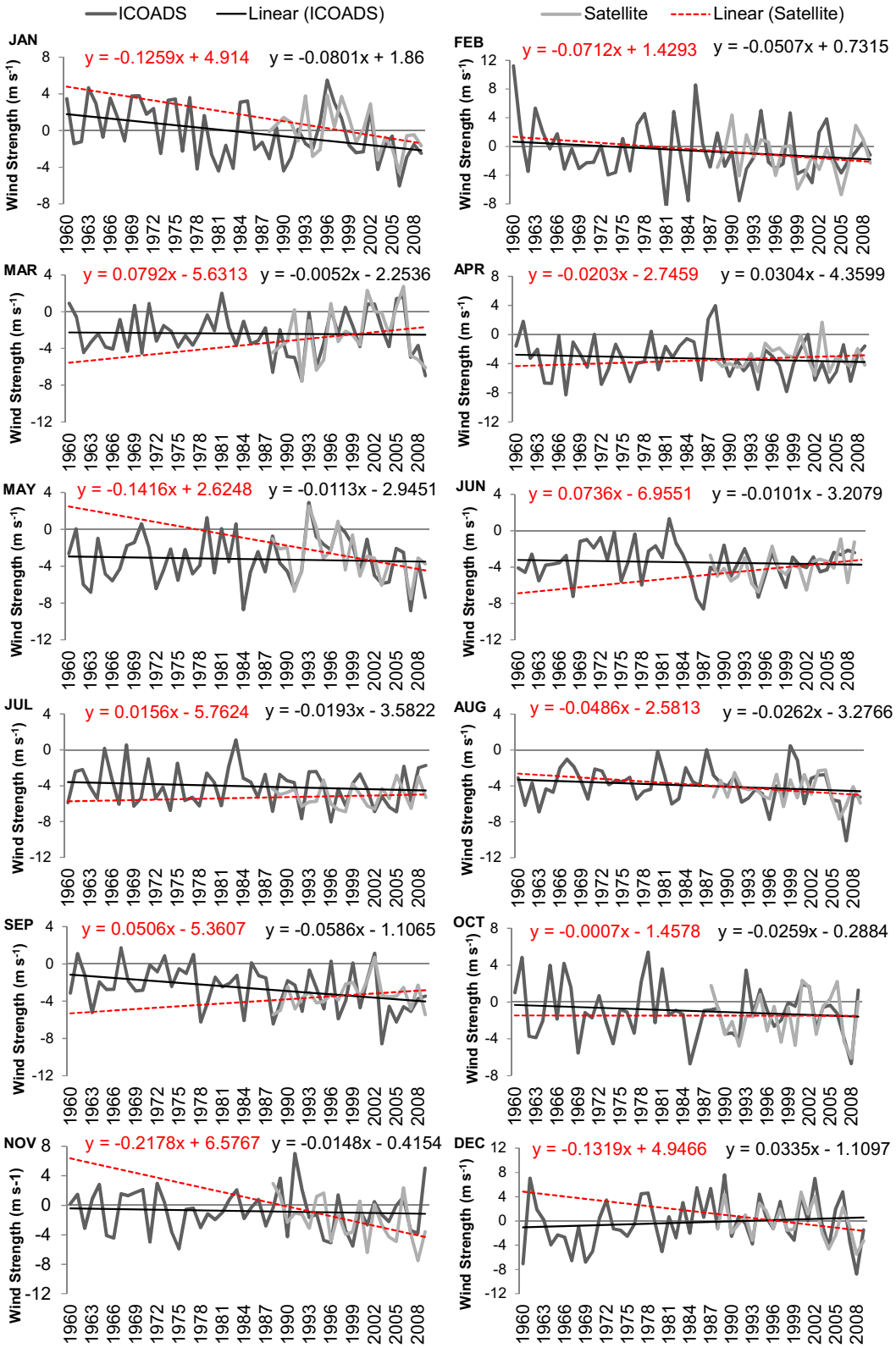

Fig. 7 Inter-annual monthly observed and linear adjusted northerly wind (v-wind) values in Northwestern (NW) coast. January; February; March; April; May; June; July; August; September; October; November; December

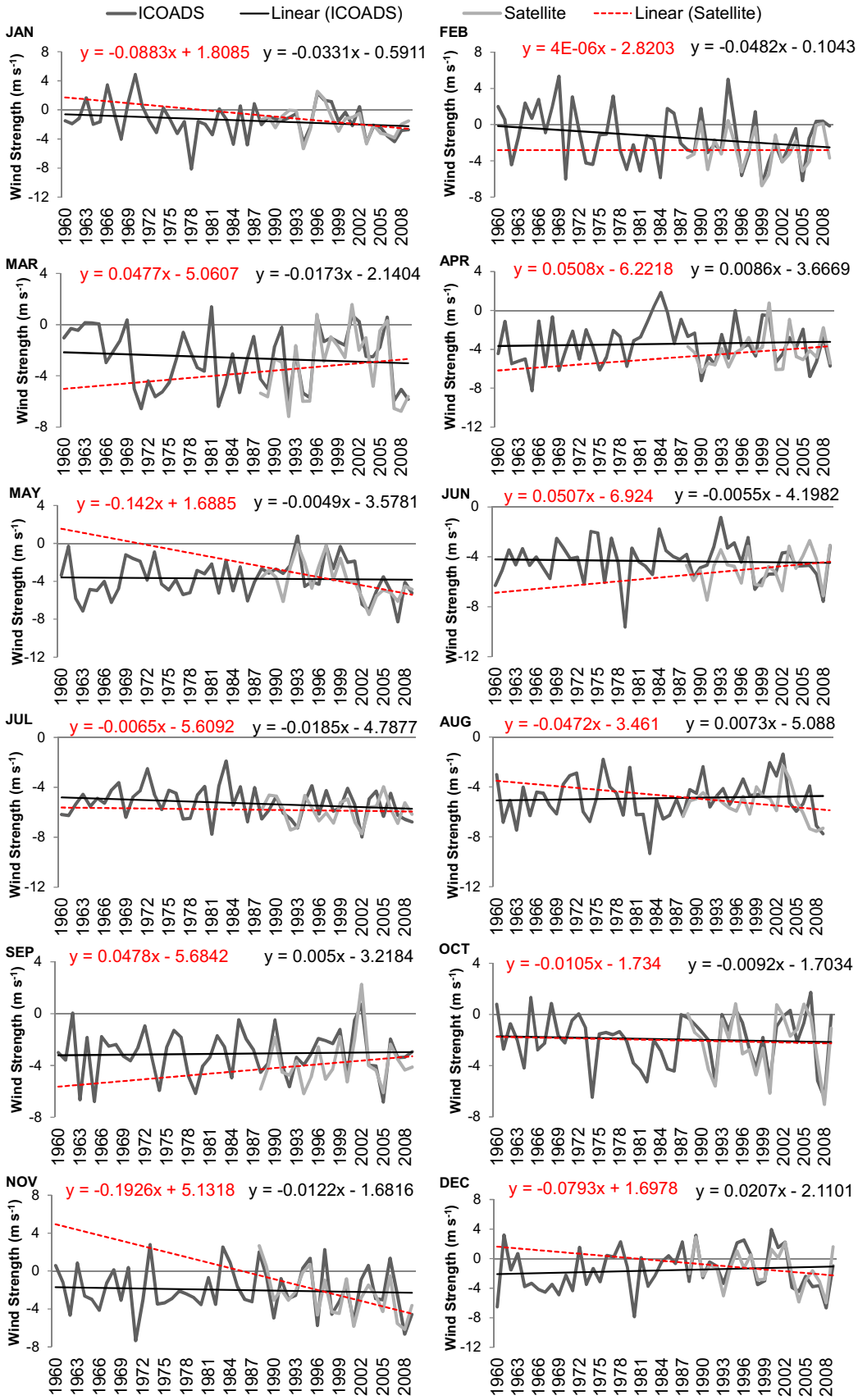

Fig. 8 Inter-annual monthly observed and linear adjusted northerly wind (v-wind) values in Southwestern (SW). January; February; March; April; May; June; July; August; September; October; November; December

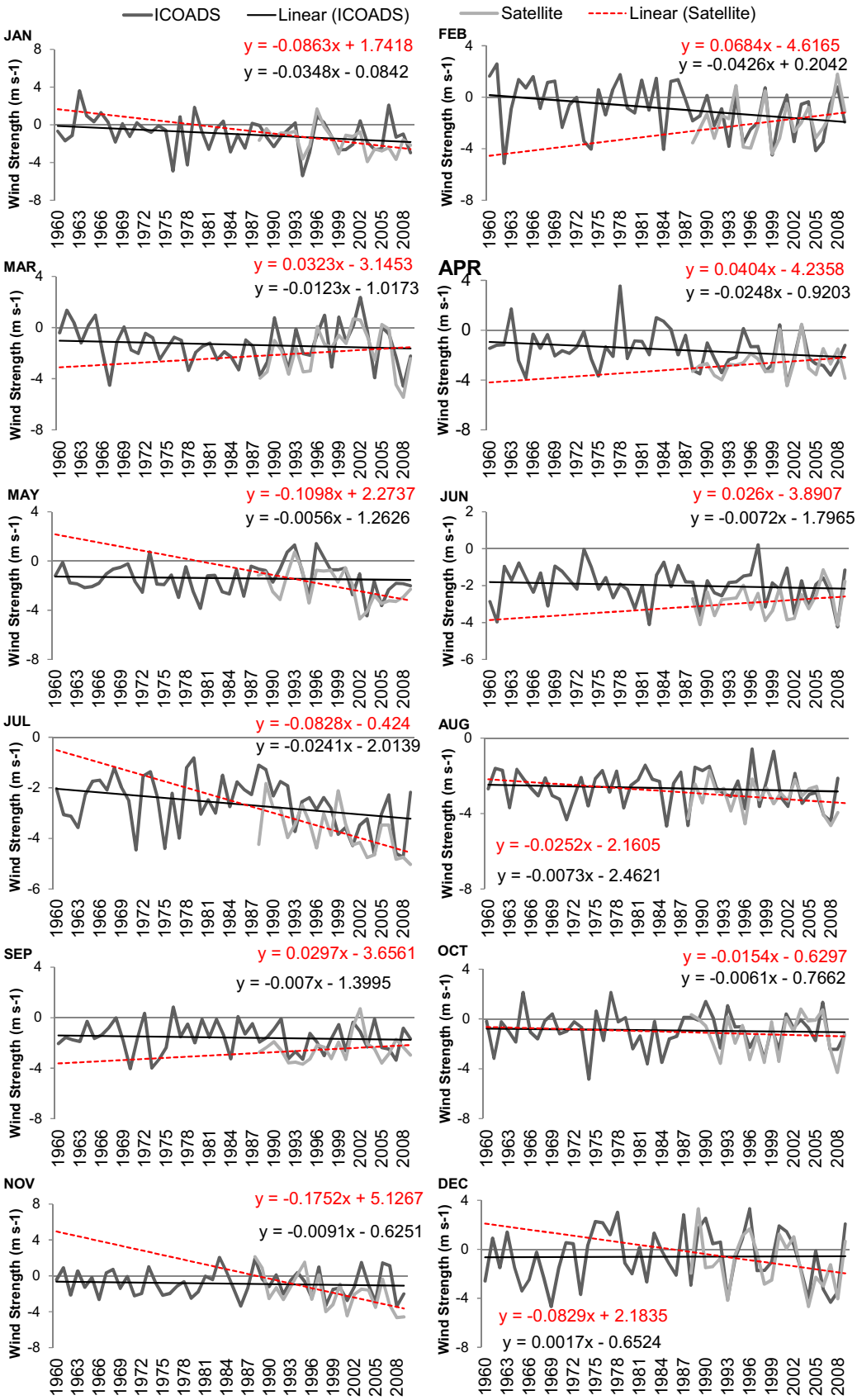

Fig. 9 Inter-annual monthly observed and linear adjusted northerly wind (v-wind) values in Southern-Algarve (S). January; February; March; April; May; June; July; August; September; October; November; December