

Structural map of Sumatra

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The main sources of data for the Structural and Tectonic Maps were: the 1: 250 000 and 1:1 000 000 series of geological maps covering Sumatra published by the Geological Research and Development Centre and the Tectonic Map of Northern Sumatra (1:1 500 000) by Aspden *et al.* (1982a) for folds, faults and lithological boundaries in the solid geology. Sub-surface structural data shown in Tertiary and younger rocks is taken mainly from publications of the Indonesian Petroleum Association. The location of the Medial Sumatra Tectonic Zone is taken from Barber & Crow (2003) and Chapter 13, and segmentation of the Sumatran Fault System and the structures within the Present Accretionary Complex follow Sieh & Natawidjaya (2000). Structures in the Forearc are taken from Izart *et al.* (1994) (Meulaboh Basin), Karig *et al.* (1980), Milsom *et al.* (1995) (Nias Basin), Samuel & Harbury (1996) (Nias), Samuel *et al.* (1997) (the other forearc islands), Yulihanto & Wiyanto (1999), Hall *et al.* (1993) and Howles (1986) (Bengkulu Basin). The Mentawi Fault Zone is described by Diament *et al.* (1992) and Malod & Kemal (1996).

Sub-surface structures in the North Sumatra Basin are taken from Davies (1984), Sosromihardjo (1988), Moulds (1989) and Tiltman (1990); in the Central Sumatra Basin from Moulds (1989) and Heidrick & Aulia (1993); in the South Sumatra Basin from De Coster (1974), Katili (1974a), Pulunggono (1986), Moulds (1989), Pulunggono *et al.* (1992), Rashid *et al.* (1998), Williams *et al.* (1995), Yulihanto *et al.* (1995); and in the the Sunda basin from Bushnell & Temansja (1986), Wight *et al.* (1986).

The insert Tectonic Map is derived from earlier syntheses published by Van Bemmelen (1949, 1954), Westerveld (1952b), Katili (1973), Hamilton (1979), Cameron *et al.* (1980), Aspden *et al.* (1982a), Pulunggono & Cameron (1984), Wajzer *et al.* (1991), Hutchison (1994), McCourt *et al.* (1996), Metcalfe (2000), Barber & Crow (2000) and Chapter 13.

The reader is referred to the main text for a more exhaustive list of the references consulted.

