

SUBJECT INDEX

A

absolute age

- basic igneous rocks : K-Ar ages of some basic igneous rocks from Peninsular Malaysia and Thailand [Bignell, J.D. and Snelling, N.J., 1977]
- : Palaeomagnetism, geochronology and petrology of the dolerite dykes and basaltic lavas from Kuantan [Haile, N.S. *et al.*, 1983]
- Bukit Paloh adamellite : Age determination on the Bukit Paloh adamellite [Hutchison, C.S. & Snelling, N.J., 1971]
- granites : Late Cretaceous age for granites from the Bunguran and Anambas Islands [Haile, N.S., 1971]
- : The geochronology of the Thai-Malay peninsula [Bignell, J.D. & Snelling, N.J., 1972]
- : Geochronology of West Indonesia and its implication on plate tectonics [Katili, J.A., 1972]
- : A review of the radiometric ages of the Japanese granitic rocks [Nozawa, T., 1977]
- : K-Ar and Rb-Sr mineral ages from the Gunung Ledang granite [Yap, F.L., 1981]
- : The pattern of K/Ar ages of biotites from the granites of Penang [Kwan, T.S. & Yap F.L., 1984, 1986]
- : Age determination on the Kuantan granite and dolerite dykes [Yap, F.L., 1984, 1986]
- : K-Ar mica dates for granites from the Bujang Melaka area [Kwan, T.S., 1988, 1989a]
- : K-Ar dating of micas from granitoids in the Kuala Lumpur-Seremban area [Kwan, T.S., 1989b, 1990]
- : Magmatism, tin mineralization and tectonics of the Main Range [Krähenbuhl, R., 1991]
- ignimbrites : Radiometric ages of ignimbrites of Toba, Sumatra [Tjia, H.D., 1976a]
- Indian Precambrian : Geochronology of the Indian Precambrian [Balasundram, M.S. & Balasubrahmanyam, M.N., 1973]
- mineralization : Age of cassiterite mineralization near Wing Sang Cheong tin mine, Ipoh [Yap F.L. & Kwan, T.S., 1984]
- Papua New Guinea : Age, petrology and mineralization associated with two Neogene intrusive types [Rogerson, R. & Williamson, A., 1984, 1986]
- sea level changes : Radiocarbon dates of Holocene emergence and submergence in the Tambelan and Bunguran Islands [Haile, N.S., 1970]
- : Quaternary changes in sea-level in the South China Sea [Biswas, B., 1972, 1973]
- sediments : Quaternary sediments at Sungei Besi

[Mohammad Ayob, 1970]

- volcanic ash : Fission-track of zircons from the Serdang volcanic ash [Nishimura, S. & Stauffer, P.H., 1981]

aerial photography *see* remote sensing

algal flora

- nannofossils : Calcareous nannofossil zonation scheme for the Miocene to Holocene of Southeast Asia [Varol, O., 1982, 1983]
- Permian : Some Permian calcareous algae from Vietnam, Cambodia and Laos [Nguyen, L.T., 1972]
- provincialism : Tethyan/Indo-Pacific microflora provincialism during the Late Jurassic/Early Cretaceous period [Alex-Sanders, M., 1993]

alluvium

- authigenic minerals : Distribution and genesis of certain authigenic minerals in the stanniferous alluvial deposits [Hosking, K.F.G., 1984b, 1986]
- bedrock : Detecting potholes and limestone pinnacles in alluvial mining areas by gravity surveys [Foss, C.A., 1983]
- clay mineralogy : Clay mineralogy of selected alluvial soils from Peninsular Malaysia [Shamshuddin, J., 1984, 1986]
- genesis : Characteristics of the stanniferous alluvium in the southern Kinta valley [Newell, R.A., 1971]
- : The nature, characteristics and genesis of the Kuala Lumpur tinfield alluvium [Yeap, E.B., 1984b]
- gold deposits : Environment of placer gold deposits in northern Pahang [Tan, T.H. & Lim, K.L., 1989, 1990]
- heavy minerals : Some characteristics of the heavy detrital minerals from Peninsular Malaysia [Wan Fuad Wan Hassan, 1987a, 1989]
- Kinta Valley : Characteristics of the stanniferous alluvium [Newell, R.A., 1971]
- : Evidence for the non-marine origin of the tin-bearing alluvium in the north Kinta Valley [Sivam, S.P., 1971b]
- Kuala Lumpur Limestone : Subsurface geology of the Kuala Lumpur Limestone [Lim, T.H., 1989]
- Old Alluvium : Difference between the Old Alluvium and weathered granite in Perak [Sivam, S.P., 1971a]
- Older Alluvium : The Older Alluvium in the Johor Baharu area, Johor [Roslan Mahali & Tan Boon Kong, 1988]
- Pulau Tekong : The geology of Pulau Tekong, Singapore [Haseldonckx, C., 1977]
- Sungai Way : Sedimentology and paleodrainage of the Quaternary stanniferous "Subang Alluvium", Sungai Way [Tharmarajan, M., 1972]
- : Geological observations at the Seng Mines, Sungai

- Way [Stauffer, P.H., 1991]
- tektites : Tektites from the stanniferous placers of eastern Pahang [Hosking, K.F.G. & Stauffer, P.H., 1970]
 - tin deposits : Development of the alluvial tinfields of the Malay-Thai Peninsular [Taylor, D., 1984, 1986]
- aluminium**
- identification : Microchemical aids to the identification of minerals [Hosking, K.F.G., 1977a]
 - : Cobalt nitrate test as an aid to the identification of water-soluble magnesium, aluminium and zinc minerals [Hosking, K.F.G., 1978c.]
- aluminium ores**
- bauxite : Sunda-land bauxite : related to Late Cenozoic sea level? [Tjia, H.D., 1969]
 - : Sunda-land bauxite and sea levels [Wilford, G.E., 1969]
 - : Bauxite in the Kuantan area [Rajah, S.S., 1984, 1986]
 - laterites : Geology of the aluminous laterites of West Kalimantan [Gunawan, R. & Valk, C.V.C., 1972]
- antimony**
- identification : Microchemical aids to the identification of minerals [Hosking, K.F.G., 1977a]
- arsenic**
- identification : Microchemical aids to the identification of minerals [Hosking, K.F.G., 1977a]
 - groundwater : Arsenic and fluoride in well water in Kg. Sekolah, Ulu Kepong [Chow, W.S., 1986]
- artifacts see under archeology**
- ammonoids see under mollusks**
- archeology**
- artifacts : Discovery of stone age tools from Tripura [Ramesh, N.R., 1984, 1986]
 - : Natural and synthetic gem and rock artifacts, Pulau Kalumpang, Perak [Abdul Rahim Hj. Samsudin & Tan, T.H., 1990, 1991]
 - human evolution : New lights on human evolution in Southeast Asia [Sartono, S., 1984, 1986]
 - Paleolithic workshop : Kota Tampan: A Late Pleistocene palaeolithic workshop on the shore of palaeo-Cenderoh Lake [Tjia, H.D., 1993a]
 - Quaternary : Quaternary geological investigation at Pulau Kelumpang archeological site [Kamaludin bin Hassan, 1991]
- arthropods**
- bee comb : A fossilized bee comb from Batu Caves [Stauffer, P.H., 1974c]
 - crustaceans : On a Lower Devonian fauna from Pahang [Jones, C.R., 1970]
 - : Fossils at Sri Medan, Johor [Gray, L.M. *et al.*, 1978]
 - decapods : Fossil crabs of Sabah [Idris, M.B., 1989b]
 - : Fossil locality of crabs and cuttlefish bone in Pleistocene marine sandy clay at Sungai Kolok [Sawata, H., 1991]
- Australia**
- exploration : The changing exploration scene in Australia [Beddoes, L.R.Jr., 1973]
 - gravity lineaments : A new investigation of some continental scale gravity lineaments in Australia [Elliot, C.I., 1992, 1993]
 - hydrocarbon : Hydrocarbon occurrences in the Cooper and Eromanga Basins in Central Australia [Paran, J., 1992, 1993]
 - mineralization : Controls of tin-bearing pegmatites and granites in the Precambrian of Broken Hill, Australia [Katz, M.B., & Tuckwell, K.D., 1979]
 - : Some observations upon the tin deposits of Australia [Taylor, R.G., 1979]
 - structural analysis : Applying the modified stress-strain ellipsoid to the Australian and Malaysian basins [Kuang, K.S., 1987]
 - tin deposits : An overview of Sn-sulphide replacement style deposits [Kwak, T.A.P., 1984]
- automatic data processing**
- amplitude analysis : Amplitude with offset analysis of 'bright spot' block PM1 [Poulos, N., 1987]
 - crude oil analysis : C-GC-MS and its application to crude oil analysis [Comet, P.A. *et al.*, 1988, 1989]
 - data integration : The integration of remote sensing, terrain evaluation and engineering geology in SE Asia [Beaumont, T.E. & Hunt, T., 1984, 1986]
 - : An integrated approach to reservoir petrophysical parameters evaluation [Poggiagliolmi, E. & Lowden, D., 1990, 1991]
 - diplog data : Advances in diplog data processing for stratigraphic analysis [Quinn, T.H., 1986]
 - dipmeter interpretation : The dipmeter advisor — a dipmeter interpretation workstation [Shanor, G.G., 1985, 1987a]
 - drilling activities : Application of computer mapping and modelling procedure in development drilling activities [Lee, K.H., 1987]
 - geophysical modelling : Algorithm for optimising 2-D gravity and magnetic modelling [Foss, C.A., 1987]
 - graph plotting : An X-Y graph plotting system [Kumar, S.C., 1985a]
 - hydrocarbon exploration : PVT-modelling as a predictive tool in hydrocarbon exploration [Heum, O.R., 1988; Heum, O.R. *et al.*, 1988]
 - lattice constants : A procedure for computing the lattice constants of some crystal systems [Chan, S.H., 1976]
 - : A note on "A procedure for computing the lattice constants of some crystals systems by Chan (1976)" [Lye, Y.H., 1978]
 - lithologies : GLOBAL, a new computer-processed interpretation helps analyse complex lithologies [Milloy, G.T., 1980]
 - mineral evaluation : A computer programme for the evaluation of placer drilling data [Toh, S.C., 1973]
 - Niggli norm : FOTRAN IV computer programme for calculation of the Niggli molecular norm [Hutchison, C.S. & Jeacocke, J.E., 1971]
 - petroleum exploration : Computer applications in petroleum exploration [Remfry, J.F. & Noridah Ibrahim, 1980]
 - sedimentary environments : Computer-assisted interpretation of depositional palaeoenvironment based

- on foraminifera [Lesslar, P., 1985, 1987]
- seismic surveys : Computer aided interpretation of seismic data [Miller, P.F., 1983]
- : Aspects to the resolving power of 3D seismic surveys [Houba, W., 1984, 1985]
- : Interactive interpretation of 2D seismic data [Brown, A., 1985, 1987]
- : 3-D seismic interpretation and modelling using an interactive computer system [Miller, P.F., 1985]
- : Use of SEISLOG® for basin evaluation and field development [Mummery, R.C., 1985, 1987]
- : Seismic processing applications on a personal computer [Anonymous, 1988, 1989]
- : DMO and NMO as applied in seismic data processing [Chen, J., 1988, 1989]
- : Shipboard processing and interpretation [Angstadt, D.M. & Richards, D.J., 1991; Angstadt, D.M., 1992]
- stratigraphy : Advances in Diplog data processing for stratigraphic analysis [Waid, C.C. *et al.*, 1988]
- well-logging : Use of the HP-41C for wellsite log analysis [Murdock, D.M., 1981]
- : Vax-11/780 computer oriented well logging data analysis technique [Ku, J., 1983]
- : "LITHO" - a computerized approach to lithofacies identification [Somturk, A.R., 1984; Somturk, A.R. & Ligneris, S.D., 1985]
- X-ray fluorescence : A systematic programme for the X-ray fluorescence analysis of rocks and minerals [Hutchison, C.S., 1975]

B

Bakri *see* Muar *under* Johor

Baling *see under* Kedah

Balingian Province *see under* Sarawak

Bangi *see under* Selangor

Bangladesh

- geology : Geological framework of Bangladesh [Abdul Halim Quazi, 1984a, 1986]
- hydrocarbon exploration : Search for hydrocarbon in Bangladesh [Hiller, K., 1981]
- : Seismic reflection survey in Bangladesh for hydrocarbon [Abdul Halim Quazi, 1982b]

Baram delta *see under* Sarawak

Barisan Fault

- tectonics : Tectonic control of volcanism and complex movements along the Sumatran fault system [Posavec, M. *et al.*, 1972, 1973]

barite

- Cini : Volcanogenic barite, Fe and Mn oxide and massive sulphide mineralization at Cini area [Teh, G.H. & Hutchinson, R.W., 1987]
- occurrences : Association of barite and sulphides in East and Central Belts [Aw, P.C., 1981a]

barium

- identification : Microchemical aids to the identification of minerals [Hosking, K.F.G., 1977a]

basalts *see under* igneous rocks

base metal ores

- massive sulphide deposits : Massive sulphide deposits and their possible significance to other ores in South-east Asia [Hutchinson, R.W., 1986]
- Pahang : Geology of the Chini-6 area : a base metals prospect [Low, K.L., 1981b]
- Sabah : Base metal exploration in Sabah [Lee, D.T.C. & Weber, H.S., 1984, 1986]

Batu Gajah *see under* Perak

Batu Kitang *see under* Sarawak

Batu Rakit *see under* Terengganu

Bau *see under* Sarawak

Bau Limestone Formation

- paleogeography : Jurassic-Cretaceous palaeogeography of the Jagoi-Serikin area [Ting C.S., 1991, 1992]

bauxite *see under* aluminium ores

Belaga Formation

- Lupar Valley : The Lubok Antu Mélange, Lupar Valley [Tan, D.N.K., 1982]
- redbeds : The telogenetic formation of red bed [de Silva, S., 1988]
- unconformity : The Tatau-Belaga Formations of North Central Sarawak [Ho, C.K., 1991a]

Benta *see under* Pahang

Benta Migmatite Complex

- petrology : The Benta Migmatite Complex : petrology of two important localities [Hutchison, C.S., 1971b]

Bentong *see under* Pahang

Bentong Group

- general : Redbeds and radiolarian chert [Haile, N.S. & Stauffer, P.H., 1973]
- : Paleozoic redbeds and radiolarian chert [Haile, N.S. *et al.*, 1977]

Bentong-Raub line

- characteristics : The Bentong Suture [Tjia, H.D., 1987c]
- : The Bentong Suture in Ulu Kelantan [Tjia, H.D. & Syed Sheikh Almashoor, 1992]
- interpretation : The Raub-Bentong Line — an interpretation based on geological investigations [Loganathan, R. & Leong, K.H., 1983]
- reverse fault : Significance of a reverse fault in the Bentong Suture, Ulu Kelantan [Syed Sheikh Almashoor & Tjia, H.D., 1992]
- tectonics : Tectonic history of the Bentong-Bengkalis suture [Tjia, H.D., 1988b]
- tectonostratigraphy : Gondwana, Tethys and Peninsular Malaysia [Metcalfe, I., 1987a]

Bentong Suture *see* Bentong-Raub line

bibliography

- Borneo : Annotated bibliography of the South China Sea and adjacent parts of Borneo [Haile, N.S., 1992]
- Singapore : Bibliography and Index of the Geology of West Malaysia and Singapore [Gobbett, D.J., 1968b, 1970; Gobbett, D.J., & Stauffer, P.H., 1974]
- South China Sea : Annotated bibliography of the South China Sea and adjacent parts of Borneo [Haile, N.S., 1992]
- West Malaysia : Bibliography and Index of the Geology of West Malaysia and Singapore [Gobbett, D.J., 1968b, 1970; Gobbett, D.J., & Stauffer, P.H., 1974]

Bidor *see under* Perak**bismuth**

- identification : Microchemical aids to the identification of minerals [Hosking, K.F.G., 1977a]

bivalves *see under* mollusks**Bok Bak Fault Zone**

- displacement : Amount of displacement along the Bok Bak Fault [Ibrahim Abdullah *et al.*, 1989a]
- field studies : Field evidence of the Bok-Bak fault beyond the Baling area [Abd. Majid Sahat, 1987]
- reappraisal : A reappraisal of the Bok Bak Fault Zone [Raj, J.K., 1982a]

Bolivia

- tin deposits : Geology of the principal tin deposits of Bolivia [Rivas, S., 1979]

Bongaya Formation

- sedimentary environment : Basin development and deposition of the Bongaya Formation in the Pitas area [Tongkul, F., 1991b]

Borneo *see also* Brunei, Kalimantan under Indonesia, Sabah, Sarawak

- basement : Pre-Tertiary basement of Borneo: what and where? [Hutchison, C.S., 1982b]
- bibliography : Annotated bibliography of the South China Sea and adjacent parts of Borneo [Haile, N.S., 1992]
- faults : The Mulu Shear Zone - A major structural feature of NW Borneo [Tate, R.B., 1991b, 1992a]
- geology : Some puzzling questions about the Cretaceous-Cenozoic geology of west Borneo and the South China Sea [Haile, N.S., 1991b]
- geological map : A new geological map of Borneo island [Tate, R.B., 1992c]
- geosyncline : The Northwest Borneo Geosyncline in its geotectonic setting [Haile, N.S., 1968a]
- marginal seas : Formation of marginal seas in Southeast Asia by rifting of the Chinese and Australian continental margins [Hutchison, C.S., 1984b, 1986b]
- microplankton : Microplankton biostratigraphy in tropical Tertiary deposits [Besems, R.E., 1992, 1993]
- paleogeography : Palaeocene palaeogeography of Borneo [Hutchison, C.S., 1991]
- paleomagnetism : Rotation of Borneo microplate completed by Miocene [Haile, N.S., 1979]
- structural analysis : Applying the modified stress-strain ellipsoid to re-define the structural/geological provinces [Kuang, K.S., 1989]
- tectonic model : Stratigraphic-tectonic model for Eastern Borneo [Hutchison, C.S., 1987, 1988]
- tectonism : Tectonism in Borneo [Chakraborty, K.R., 1991]
- Temburong Formation : The sedimentology and tectonics of the Temburong Formation [Tate, R.B., 1992b]
- Tuang Formation : The oldest rock in Borneo : a note on the Tuang Formation [Tate, R.B. & Hon, V., 1991]

brachiopods

- Articulata : Fossils at Sri Medan, Johor [Gray, L.M. *et al.*, 1978]

- Cambrian : Two types of the Late Cambrian faunas and sediments in North Vietnam [Luong, H.H., 1984]
- Carboniferous : Stratigraphy and palaeontology of the Carboniferous sediments in the Panching area, Pahang [Metcalf, I. *et al.*, 1980]

— : A Carboniferous shallow marine fauna from Bukit Bucu, Batu Rakit [Idris, M.B. and Zaki, S.M., 1986]

- Devonian : Devonian fossils from Pulau Rebak Besar, Langkawi Islands [Yancey, T.E., 1972b]

— : On a Lower Devonian fauna from Pahang [Jones, C.R., 1970]

- Paleozoic : Upper Palaeozoic stratigraphy of the west of Kampar [Suntharalingam, T., 1968a]

— : Southeast Asia : Late Palaeozoic palaeogeography of Southeast Asia [Metcalf, I., 1986]

- Permian : Permian brachiopod correlations for Southeast Asia [Waterhouse, J.B., 1972, 1973]

— : Permian brachiopods in north Hutan Lipur Terengganu [Mohd. Shafeea Leman, 1991]

— : Upper Permian brachiopods from Merapoh area [Mohd. Shafeea Leman, 1992]

Brazil

- mineral exploration : Aspects of exploration for tin mineralization in the Amazon Region, Brazil [Borges, M.R. *et al.*, 1979]

Brunei

- geomorphology : The effects of Late Triassic and Quaternary tectonic movements on the geomorphological evolution of Brunei [Wilford, G.E., 1968]

- mélange : First record of mélange on the Jerudong Line [Hutchison, C.S., 1993]

- petroleum geology : The petroleum geology of Brunei [Ellenor, D.W., 1980]

- petroleum resources : Assessment of undiscovered conventionally recoverable petroleum resources in Tertiary sedimentary basins [Robinson, K., 1985]

- seismic surveys : Brunei Shell's 1983 shallow water seismic campaign in Seria [Ramli Hitam & Pronk, D.W.W., 1983]

bryozoa

- Carboniferous : A Carboniferous shallow marine fauna from Bukit Bucu, Batu Rakit [Idris, M.B. and Zaki, S.M., 1986]

- Singa Formation : The occurrence of bryozoan bed in the Singa Formation [Basir Jasin *et al.*, 1992]

Bujang Melaka *see under* Perak**Bukit Cenering** *see under* Terengganu**Bukit Ibam** *see Rompin under* Pahang**Bukit Keluang Formation**

- conglomerate : Bukit Keluang Formation: A proposed new stratigraphic unit and its sedimentology [Kamal Roslan Mohamed & Ibrahim Abdullah, 1993c]

Bukit Kemuning *see under* Terengganu**Bukit Paloh Adamellite**

- absolute age : Age determination on the Bukit Paloh adamellite [Hutchison, C.S. & Snelling, N.J., 1971]

Bukit Takun *see under* Selangor**Burma**

- Arakan Yoma : Geology and tectonics of Arakan Yoma [Nandy, D.R., 1984, 1986]

- evolution : The early stage of the Burmese-Malayan geosyncline [Kobayashi, T., 1972, 1973]
- : Geological evolution of Burma [Maung, T., 1972, 1973]
- garnet : Tin-bearing garnet from the Heinda tin deposit, Burma [Win, H. & Oo, N., 1984]
- geochemical exploration : Rock geochemical exploration at Thabyebintaung Pb-Zn prospect [Zaw, U.K. *et al.*, 1982]
- geosyncline : Structural outline of Tenasserim Division [Hoke, M., 1972]
- : A geosynclinal model for Indo-Burmese range [Singh, S.K., 1984]
- metallogeny : Tectonics and metallogenetic provinces of Burma [Ba, T.H., 1972]
- mineralization : Lead-zinc mineralization at Theingon Mine [Zaw, U.K. *et al.*, 1984]
- : A brief account of lead mineralization at Phaungdaw Prospect [Zaw, K. & Goossens, P.J., 1989]
- Permian faunas : Permian brachiopod correlations for South-east Asia [Waterhouse, J.B., 1972, 1973]
- stratigraphy : The Lower Paleozoic stratigraphy of western part of the Southern Shan State [Myint, L.T., 1972, 1973]
- : Paleozoic stratigraphy of the Northern Shan States and the new finds in the Paleozoic paleontology [Thaw, T., 1972]
- strike-slip faults : Strike-slip faulting in Upper Tenasserim [Sein, M. *et al.*, 1972]
- : Strike-slip faulting in Central Belt of Burma [Win, S., 1972]

Bushveld Igneous Complex

- mineralization : The major controls of tin mineralization in the Bushveld Igneous Complex, South Africa [Wilson, J.G., 1979]

C

cadmium

- identification : Microchemical aids to the identification of minerals [Hosking, K.F.G., 1977a]

calcium

- ground water : Magnesium and calcium concentrations in limestone groundwaters [Crowther, J., 1989]
- identification : Microchemical aids to the identification of minerals [Hosking, K.F.G., 1977a]

Cambodia

- Panjang (Cardamome) basin : Principal hydrocarbon-bearing basins around the South China Sea [Du Bois, E.P., 1980, 1985]
- Permian faunas : Permian brachiopod correlations for South-east Asia [Waterhouse, J.B., 1972, 1973]
- hydrocarbon exploration : Exploration history and hydrocarbon potential of Cambodia and Laos [Blanche, J.B., 1991; Blanche, J.B. & Blanche, J.D., 1992]

Cambrian

- Tarutao and Machinchang Formations : Stratigraphy

of the Tarutao and Machinchang Formations [Lee, C.P., 1983]

- Vietnam : Two types of the Late Cambrian faunas and sediments in North Vietnam [Luong, H.H., 1984]

Canada

- carbonate diagenesis : The role of Carbonate diagenesis in exploration and production from Devonian pinnacle reefs [Watts, N.R., 1988]
- mineralization : Mineralization in the Coast Plutonic Complex of British Columbia [Woodsworth, G.J. & Roddick, J.A., 1977]

carbon-14 dating

- Quaternary sediments : Radiocarbon dates in the Kinta Valley [Sivam, S.P., 1968]
- : Quaternary sediments at Sungei Besi [Mohammad Ayob, 1970]
- sea level changes : Radiocarbon dates of Holocene emergence and submergence in the Tambelan and Bunguran Islands [Haile, N.S., 1970]
- : Holocene radiocarbon dates on the 3 meter wave-cut notch in Northwest Peninsular Malaysia [Yancey, T.E., 1973]
- : The Holocene transgression in Peninsular Thailand [Pramojanee, P. & Hastings, P., 1984; Pramojanee, P. *et al.*, 1986]
- : Radiocarbon age of a 410-metre high reef at Luwuk, Sulawesi [Tjia, H.D. & Sumosusastro, P., 1986]
- volcanic ash : Late Pleistocene age indicated for volcanic ash in West Malaysia [Stauffer, P.H., 1973]

carbon dioxide

- contamination : CO₂ and N₂ contamination in J32-1, SW Luconia [Idris, M.B., 1991, 1992]

Carboniferous

- Cheroh : Carboniferous fossils from the "Raub Group" near Cheroh [Yancey, T.E., 1972a]
- coals : Occurrence of Carboniferous-age coals and *in situ* plant fossils in Eastern Peninsular Malaysia [Jennings, J.R. & Lee, C.P., 1985]
- correlation : On the Carboniferous and Permian biostratigraphical correlation of Malaya [Sarkar, S.S., 1972b]
- Panching : Stratigraphy and palaeontology of the Carboniferous sediments in the Panching area, Pahang [Metcalf, I. *et al.*, 1980]
- Perak : Carboniferous conodonts from Perak [Metcalf, I., 1979]
- Southeast Asia : Carboniferous and Permian correlation in Southeast Asia [Gobbett, D.J., 1972b, 1973a]
- Thailand : Carboniferous corals from Northeast Thailand [Fontaine, H. *et al.*, 1982]

Cathaysia

- evolution : Cathaysia, Gondwanaland, and the Paleotethys in the evolution of continental South-east Asia [Gatinsky, Y.G. & Hutchison, C.S., 1984, 1986]
- tectonostratigraphy : Gondwana, Tethys and Peninsular Malaysia [Metcalf, I., 1987a]

Cenozoic

- alkaline basalts : Geochemistry and petrogenesis of Late Cenozoic alkaline basalts of Thailand [Barr,

- S.M., & MacDonald, A.S., 1978]
 - Batu Arang : The stratigraphy of the Batu Arang area [Mahendran, G. *et al.*, 1991]
 - : Tertiary palynomorphs from Batu Arang [Ahmad Munif Korani, 1993]
 - biostratigraphy : Problems in biostratigraphy of Malaysian Tertiary basins [Bahari Md. Nasib *et al.*, 1991]
 - Borneo : Palaeocene palaeogeography of Borneo [Hutchison, C.S., 1991]
 - carbonate sediments : The correlation and zonation of Tertiary shallow-water carbonate sediments in the Indo-West Pacific region [Adams, C.G., 1972]
 - coal deposits : Cenozoic basins of Thailand and their coal deposits [Gibling, M. & Ratanasthien, B., 1980]
 - faults : The Bilut Valley of Pahang and the Cenozoic of Peninsular Malaysia [Raj, J.K. *et al.*, 1989]
 - foraminifers : Miocene-Pleistocene microfaunal of the Coral Sea [Hooper, K., 1984]
 - geodynamics : Geodynamics of Cenozoic basins in northern Sundaland [Chakraborty, K.R., 1989b]
 - Indonesia : Mechanism for Cenozoic extension in and around Indonesia [Harder, S.H. *et al.*, 1992]
 - : Geology of the Bayan area: implications for Tertiary evolution of West Java (Sukarna, D. *et al.*, 1992, 1993)
 - Lawin basin : The depositional setting of the Lawin Basin deposits [Syed Sheikh Almashoor & Mat Arifin Ismail, 1987]
 - Layang-Layang basin : Gravity survey of the Layang-Layang Tertiary Basin [Vijayan, V.R., 1989, 1990]
 - magmatism : Tectonic implications of Cenozoic magmatism in Southeastern and Eastern Asia [Flower, M.F.J. *et al.*, 1992]
 - : Cenozoic magmatism in Indochina: lithosphere extension and mantle potential temperature [Flower, M.F.J. *et al.*, 1992]
 - microplankton : Microplankton biostratigraphy in tropical Tertiary deposits of offshore NW Borneo [Besems, R.E., 1992, 1993]
 - Nenering basin : The Nenering Tertiary deposit, Keroh [Teh, G.H. & Sia, S.G., 1991; Teh, G.H., 1992]
 - : The Tertiary basin in Felda Nenering, Pengkalan Hulu [Ibrahim Abdullah *et al.*, 1991]
 - paleogeography : Paleogeography and tectonic development of the Tertiary basins in Kalimantan [Trail, D.S. *et al.*, 1984]
 - paleomagnetism : Paleomagnetic evidence to define a stable East Asia and Sundaland [McCabe, R. *et al.*, 1992]
 - palynology : Tertiary stratigraphic palynology in Southeast Asia [Morley, R.J., 1991]
 - petroleum resources : Assessment of undiscovered conventionally recoverable petroleum resources in Tertiary sedimentary basins of Malaysia and Brunei [Robinson, K., 1985]
 - : Offshore hydrocarbon resources potential in Tertiary sedimentary basins [Robinson, K., 1992]
 - Sabah : Tertiary tectonic evolution of the NW Sabah continental margin (Hazebroek, H.P. *et al.*, 1992; Hazebroek, H.P. & Tan, D.N.K., 1993)
 - Sarawak : Sequence stratigraphy of Tertiary sediments offshore Sarawak [Idris, M.B. & Ooi, C.M., 1992]
 - Singapore : The geology of the Republic of Singapore [Batchelor, B.C., 1977]
 - South China Sea : The Tertiary megasequence stratigraphy of the South China Sea petroleum basins [Lodge, A.G., 1992]
 - : Continental sedimentation in humid-tropical climates [Kreisa, R.D. *et al.*, 1993]
 - Southeast Asia : Tertiary basins of S.E. Asia [Hutchison, C.S., 1984a, 1986a]
 - : The mechanics of progressive deformation in crustal plate [Wood, B.G.M., 1984, 1985]
 - : Tectonic framework of the Southeast Asian Tertiary basins (Hutchison, C.S., 1992c)
 - stratigraphy : Cenozoic stratigraphy of Peninsular Malaysia [Suntharalingam, T., 1983]
 - Sumatra : The Tertiary tectonic evolution of Southern Sumatra, Indonesia [Kusnama *et al.*, 1992, 1993]
 - Sundaland : The southward tilting of Sundaland: tectonic vs eustatic control on sedimentation [Mazlan Madon, 1990b]
 - Taiwan : Tectonic evolution and structural styles of Cenozoic basins around the Taiwan area [Huang, F.F.W., 1986, 1988]
 - tectonics : Mesozoic and Cenozoic regional tectonics and metallogenesis in Mainland SE Asia [Mitchell, A.H.G., 1984, 1986]
 - : Models for Southeast Asian Cainozoic faulting and subsidence [Hutchison, C.S., 1989b]
 - Thailand : A review of the Tertiary sedimentary rocks of Thailand [Chaodumrong, P. *et al.*, 1983]
- Central Belt**
- carbonates : Late Paleozoic and Triassic carbonate platform and basin sedimentation [Azhar Haji Hussin, 1990a]
 - diamictites : Diamictite along the eastern margin of the Central Basin [Metcalfe, I. & Chakraborty, K.R., 1988]
 - evolution : Geological evolution of Peninsular Malaysia [Khoo, T.T. & Tan Bock Kang, 1983]
 - : The tectonic framework and evolution of the Central Belt [Tan Bock Kang, 1984a]
 - geochemical exploration : Background and progress of the geochemical exploration programme Central Belt Project [Chand, F., 1981]
 - geophysical survey : Airborne geophysical survey Central Belt Project [Gan, A.S., 1981]
 - granites : The magnetite-series and ilmenite-series granitoids and their bearing on tin mineralization [Ishihara, S. *et al.*, 1979]
 - gravity anomaly : Some thoughts on the crustal structure of Peninsular Malaysia [Ryall, P.J.C., 1982]
 - margins : The margins of the Central Belt, Peninsular Malaysia [Tan Bock Kang, 1981a]
 - pull-apart basin : Hypothesis of the opening of the Triassic Central Basin [Zaiton Harun, 1990]
 - stratigraphy : The Palaeozoic sedimentary rocks of Peninsular Malaysia [Foo, K.Y., 1983]

- tectonics : Granite emplacement and tectonic subdivision of Peninsular Malaysia [Hutchison, C.S., 1977a]
- Central Luconia Province** *see under* Sarawak
- Central Province** *see* Central Belt
- Chenderiang** *see under* Perak
- chemical analysis**
 - flouride : The analysis of fluoride in tropical soils by selective ion electrode methods [Teh, G.H. *et al.*, 1975, 1977]
- Cheroh** *see under* Pahang
- chert** *see* chemically precipitated rocks *under* sedimentary rocks
- Chert-Spilite Formation**
 - ages : New ages from radiolarian cherts of the Chert-Spilite Formation [Leong, K.M., 1975, 1977]
 - chert : Significance of radiolaria chert from the Chert-Spilite Formation [Basir Jasin, 1991d, 1992a]
 - nomenclature : The Sabah Mélange — a stratigraphic unit? [Sanudin Hj. Tahir & Tan, T.H., 1986]
 - : The Sabah Complex — a lithodemic unit [Basir Jasin, 1991c, 1992b]
 - radiolaria : Lower Cretaceous radiolaria from the Chert-Spilite Formation, Kudat [Basir Jasin, *et al.*, 1985]
 - tectonics : Tectogene hypothesis applied to the pre-Tertiary of Sabah and the Phillipines [Hutchison, C.S., 1968b]
- China**
 - geochemistry : The rare earth elements geochemistry of Lingshan tungsten-tin bearing granites [Yuan, Z. *et al.*, 1986]
 - geothermometry : Geothermal evolution modelling with apatite fission track data [Xue, A., 1992b]
 - granites : Tin/tungsten-bearing granites in South China and their metallogenetic relations [Xu, K. & Zhu, J., 1986]
 - malayaite : Malayaite and its relationship to closely associated cassiterite from the Dachang Mining Region [Hosking, K.F.G., 1985]
 - paleomagnetism : Paleomagnetism of an accretionary margin [Fuller, M. & Lin, J., 1984]
 - structural analysis : Statistical analysis of the structural evolution of the western Qaidam Basin [Zhang, Q.R. *et al.*, 1992]
 - tin ores : Complex tin-bearing sulphides of the South Chinese ore type [Moh, G.H., 1984, 1986]
 - tungsten deposits : The tungsten deposits of Xihuashan, China [Hutchison, C.S., 1982a]
 - weathering : Weathering of granites in Southeast China [Grelou-Orsini, C. 1984]
- China Sea**
 - tectonics : Tectonic features and evolution of the China Sea and adjacent regions [Qiu, Y. & Li, T., 1992, 1993]
- chromite ores**
 - massive sulphide deposits : Massive sulphide deposits and their possible significance to other ores in Southeast Asia [Hutchinson, R.W., 1986]
 - Papua New Guinea : Chromite deposits of Papua New Guinea [Afenya, P.M., 1984, 1986]
- chromium**
 - identification : Microchemical aids to the identification of minerals [Hosking, K.F.G., 1977a]
- Chuping Formation**
 - electrical surveys : Diagnostic resistivity sounding curves of karstic aquifers [Mohammed Sayyadul Arifin & Lee, C.Y., 1987, 1989]
 - sedimentology : Sedimentology of the 'Passage Beds' of the Chuping Formation in Bt. Temiang [Ann Yasmin Nordin, 1987]
- clastic rocks** *see under* sedimentary rocks
- clay** *see* clastic sediments *under* sediments
- clay mineralogy**
 - depositional environment : Sedimentary facies and clay minerals study of the Upper Miocene strata of the Tembungo Field [Ho, C.K., 1991b]
 - kaolin : Chemical alteration and mineralogy of kaolin [Kadderi Md. Desa, 1989]
 - marine sediments : Clay minerals in Holocene marine sediments of the Sungei Muar flood plain [Raj, J.K., 1990a]
 - sandstones : Clay mineralogy in subsurface sandstones of Malaysia [Hill, A.J. *et al.*, 1991, 1992]
 - sepiolite : Sepiolite from Kramat Pulai [Aw, P.C., 1990a]
 - weathered schists : Clay minerals in the weathering profile of a quartz-muscovite schist in the Siliau area, Negeri Sembilan [Raj, J.K., 1993a]
 - weathered shales : Clay minerals in weathered shales of red beds along the Paloh-Kluang bypass highway [Raj, J.K., 1987]
 - soils : Clay mineralogy of selected alluvial soils from Peninsular Malaysia [Shamshuddin, J., 1984, 1986]
 - : The clay mineralogy of some soils from Johor [Anizan Isahak, 1992]
- cleavages** *see* foliations
- coal**
 - Carboniferous : Carboniferous-age coals and *in situ* plant fossils in Eastern Peninsular Malaysia [Jennings, J.R. & Lee, C.P., 1985]
 - sedimentary environments : Accumulation rules of the Upper Triassic coal-bearing deposits in Vietnam [Pham, T.N., 1984]
 - energy resources : Coal as an energy resources in Malaysia [Chen, S.P., 1992, 1993]
 - electromagnetic survey : Mapping of coal seams by VLF-Resistivity Electromagnetic Technique in Kupit-Silong area [Wan Zawawie bin Wan Akhir & Dorani bin Johari, 1991]
 - hydrocarbon : Tertiary coal measures as source sequences for oil [Cook, A.C. & Faiz, M.M., 1992]
 - oil generation : Oil-generating potential of coals from Spitsbergen, Svalbard [Abdullah, W.H., 1990]
 - Pacific Basin : Coal in the western Pacific Basin [Landis, E.R., 1992; Landis, E.R. and Weaver, J.N., 1993]
 - petrography : Petrographical implications of the coal from the Mukah-Balingian area [de Silva, S., 1986d]
 - : Petrography of coal from the Merit-Pita coalfield

- [Jau, J.J., 1992]
- petrology : Petrology and geochemical analysis of coal from the South Mukah-Balingian Region [de Silva, S., 1986a]
 - : Organic petrological and organic geochemical study of North Sea Middle Jurassic Brent coals and coaly sediments [Abdullah, W.H., 1992]
 - reserve estimation : Coal reserve estimation, Tembulan Block, Merit-Pila Coalfield [Dorani bin Johari, 1988]
 - Sarawak : Coal potential and exploration in Sarawak [Chen, S.P., 1984, 1986]
 - : The Silantek area, Sarawak: its geology and coal [Teng, M.K. & Teh, G.H., 1990]
 - Thailand : Cenozoic basins of Thailand and their coal deposits [Gibling, M. & Ratanasthien, B., 1980]
 - : Factors concerning spontaneous fires in northern Thailand coals [Ratanasthien, B., 1984, 1986]
- cobalt**
- identification : Microchemical aids to the identification of minerals [Hosking, K.F.G., 1977a]
- coelenterates**
- scyphozoa : Upper Palaeozoic stratigraphy of the west of Kampar [Suntharalingam, T., 1968a]
- colluvium**
- engineering properties : Weathered granites : colluvium or decomposed granite [Ibrahim Komoo, 1981b]
 - : Colluvium or decomposed granite : young alluvium or old alluvium? — a non-geological method [Tan Boon Kong, 1983]
 - Genting Sempah : Post-Triassic colluvium in the Genting Sempah area [Ibrahim Komoo & Basir Jasin, 1984]
- conodonts**
- Carboniferous : Carboniferous conodonts from Perak [Metcalf, I., 1979]
 - : Stratigraphy and palaeontology of the Carboniferous sediments in the Panching area, Pahang [Metcalf, I. *et al.*, 1980]
 - : Ornamentation and ultra-structure of some well preserved specimens of *Idiognathoides noduliferus inaequalis* [Metcalf, I., 1983a]
 - : Deformation and age of limestone at Sungei Bilut near Raub [Chakraborty, K.R. & Metcalf, I., 1988]
 - Devonian : Devonian conodonts from Batu Gajah, Perak [Metcalf, I., 1983b]
 - : Upper Devonian conodonts from Quidat region [Pham, K.N., 1984]
 - Permian : A late Wolfcampian conodont fauna from Perak [Metcalf, I., 1981b]
 - : Lower Permian conodonts from the Terbat Formation, Sarawak [Metcalf, I., 1985]
 - : An Upper Permian fossil assemblage from Gunung Sinyum and Gunung Jebak Puyoh limestone [Idris, M.B. & Hashim, C.N., 1988]
 - : Permian conodonts from the Raub Gold Mine, Pahang [Metcalf, I., 1993]
 - Permo-Triassic : Late Permian and Early Triassic conodonts from the Kodiang Limestone Formation [Yii, S.S. & Metcalf, I., 1980]
 - : Permian and Early Triassic conodonts from North-west Peninsular Malaysia [Metcalf, I., 1981a]
 - Ordovician : Ordovician conodonts from the Kaki Bukit area, Perlis [Metcalf, I., 1980]
 - Silurian : Early Silurian multielement conodont assemblages from Pulau Tanjung Dendang, Langkawi Islands [Idris, M.B., 1989a]
 - Sumatra : Conodont biostratigraphic studies in Sumatra [Metcalf, I., 1984c, 1986b]
 - tectonics : Recent conodont data from Peninsular Malaysia [Metcalf, I., 1988]
 - Triassic : Triassic conodont biostratigraphy in the Malay Peninsula [Metcalf, I., 1989, 1990]
- conservation see under environmental geology**
- construction materials**
- aggregates : Potential and properties of some rock aggregates in Sarawak [Tan, D.N.K., 1983]
 - : Potential alkali-silica reactivity of tuffaceous rocks in the Pengerang area [Chow, W.S. & Abdul Majit Sahat, 1989, 1990]
 - : Potential alkali-silica reaction in some Malaysian rock aggregates [Sazali Yaakob *et al.*, 1992]
 - bricks : Studies of price, composition, type and index properties of common construction bricks [Aw, P.C. & Tan, Y.N., 1981]
 - concrete : The mineralogical and petrological factors in the alkali silica reactions in concrete [Yeap E.B., 1991, 1992]
 - conservation : Conservation and management of construction materials [Mohamad Ali Hasan, 1982c]
 - dams : Construction materials for the Sembrong and Bekok dams [Au Yong, M.H. & Tan Boon Kong, 1982, 1984]
 - : Material survey for the Kemasin-Semerak Project [Tan Boon Kong, 1982]
 - dimension stone : The dimension stone industry of Peninsular Malaysia [Yeap, E.B., 1982b]
 - exploitation : Exploitation of construction materials [Brotodihardjo, A.P.P., 1982]
 - limestones : Closure of the Batu Caves quarries and alternative rock sources [Aw, P.C., 1982c]
 - rock blasting : Some observations on blasting practices in Malaysia [Tan Boon Kong, 1979a]
 - : Emulsion explosives in rock excavation [Olofsson, S., 1982]
 - sand and gravel extraction : Extraction of sand and gravel in Peninsular Malaysia [Aw, P.C., 1982b]
 - specifications : Geological aspects of material requirements in road construction [Clutterbuck, P.J., 1982]
- continental drift**
- Southeast Asia : Malaya and Southeast Asia in the pattern of continental drift [Stauffer, P.H., 1974c]
- copper**
- identification : Microchemical aids to the identification of minerals [Hosking, K.F.G., 1977a]
- copper ores**
- genesis : The liberation of minor elements from rocks during plutonic igneous cycles [Taylor, D., 1974]
 - Indonesia : Geology of the Ertzberg copper deposit, Irian Barat, Indonesia [Flint, D.E., 1972]
 - skarns : Copper-bearing skarns and epizonal granitic

- intrusion in the southwestern U.S. [Theodore, T.G., 1977]
- porphyry : Intrusives associated with porphyry copper deposits [Creasey, S.C., 1977]
- : Exploration, evaluation and development of the Mamut porphyry copper deposit [Akiyama, Y., 1982, 1984]

corals

- Southeast Asia : Late Palaeozoic palaeogeography of Southeast Asia [Metcalf, I., 1984b, 1986a]
- Sumatra : Upper Mesozoic strata near Padang, West Sumatra [Yancey, T.E. & Alif, S.A., 1977]
- : Discovery of Lower Permian corals in Sumatra [Fontaine, H., 1984, 1986]
- Thailand : Carboniferous corals from Northeast Thailand [Fontaine, H. *et al.*, 1982]

Cretaceous

- granites : Geochemical comparison of the Cretaceous-Tertiary and Triassic granites [Hamzah Mohamad & Mohamad Noor Rani, 1986]
- Johor : Cretaceous spores from Paloh [Uyop Said & Kamal Roslan Mohamed, 1993]
- Sabah : Lower Cretaceous radiolaria from the Chert-Spilitic Formation, Kudat [Basir Jasin, *et al.*, 1985]
- Sarawak : The extension of Tethyan Lower Cretaceous to Sarawak [Sarkar, S.S., 1973a]
- : Lower Cretaceous age for the chert in the Lupar Valley [Tan, D.N.K., 1978]
- : Some radiolaria from the chert block of Lubok Antu Mélange [Basir Jasin & Haile, N.S., 1993]
- West Kalimantan : Cretaceous mélange in West Kalimantan and its tectonic implications [Williams, P.R. *et al.*, 1984, 1986]

crinoids see under echinoderms**Crocker Formation**

- depositional model : Depositional model of the Crocker Formation sedimentary sequence along Tandek-Samparita Road [Ahmad Jantan *et al.*, 1991]
- folds : Refolded folds in the Crocker Formation, Sabah [Zaiton Harun and Tjia H.D., 1985]
- foraminifera : Late Eocene planktonic foraminifera from the Crocker Formation [Basir Jasin *et al.*, 1991]
- limestones : Geology of the Lian Cave area [Idris, M.B. & Mubin, A.R.A., 1991]
- sedimentary structures : Sedimentary structures in Crocker Formation, Tamparuli area [Tajul Anuar Jamaluddin, 1989]

crust

- deformation : The mechanics of progressive deformation in crustal plate [Wood, B.G.M., 1984, 1985]
- gravity anomaly : Some thoughts on the crustal structure of Peninsular Malaysia [Ryall, P.J.C., 1982]
- tin deposits : Tin : a mantle or crustal source [Hutchison, C.S. & Chakraborty, K.R., 1979]

crustaceans see under arthropods**crystal growths**

- huebnerite-quartz : Interesting huebnerite-quartz growth texture from Khao Kathum [Chong, N.H., 1974]
- spacial distribution : Interfacial energy and spatial

distribution of crystals in rocks [Chakraborty, K.R., 1986a]

- twinning : Occurrence of saw-horse penetration-twin potash feldspar in Peninsular Malaysia [Khoo, T.T. & Kamarudin Salim, 1983]

crystal structures

- cassiterite : Bipyrimal {111} cassiterite and cassiterite with similar habit [Hosking, K.F.C., 1971]

D

dams

- case study : Investigation for the Tawau Dam [Tan Boon Kong, 1992b]
- construction materials : Construction materials for the Sembrong and Bekok dams [Au Yong, M.H. & Tan Boon Kong, 1982, 1984]
- foundation : Foundation grouting of Batu Dam [Saim Suratman, 1986b]
- instrumentation : Geotechnical instrumentation at Batu Dam [Saim Suratman, 1987]
- rehabilitation : Seismic refraction survey for the Chenderoh Dam rehabilitation study [Jamaludin Othman *et al.*, 1984]
- site investigation : Damsite investigation in the Bentong area [Tan Boon Kong, 1987]
- : The story of Gemenchah Dam II [Tan Boon Kong, 1993c]

Danum Valley see under Sabah**Darvel Bay see under Sabah****deformation**

- Balingian Province : Tectonic styles of the Balingian Province [Swinburn, P.M., 1993]
- field studies : Multiple deformation at Bukit Cenering, Trengganu [Tjia, H.D., 1978a]
- : Superimposed deformations and vergence of lower Tertiary sediments near Tatau [Tjia, H.D. & Borhan Sidi, 1985; Tjia, H.D. *et al.*, 1987]
- : Deformation and age of limestone at Sungei Bilut near Raub [Chakraborty, K.R. & Metcalf, I., 1988]
- Malay Basin : Inversion tectonics in the Malay Basin [Tjia, H.D., 1993d]
- Sabah : Structural styles in western Sabah offshore [Bol, A.J., 1978; Bol, A.J. & van Hoorn, B., 1980]
- : Structural elements of offshore west and northwest Sabah [Abd. Manaf Mohammad & Mohd. Idrus Ismail, 1987]
- : Structural styles and tectonics of Western and Northern Sabah [Tongkul, F., 1989, 1990]
- Setul Formation : Small scale structures in the rocks of Gersik Beds, Setul Formation [Ibrahim Abdullah, 1987a]
- Southeast Asia : The mechanics of progressive deformation in crustal plate [Wood, B.G.M., 1984, 1985]

Devonian

- Langkawi : Devonian fossils from Pulau Rebek Besar [Yancey, T.E., 1972b]
- Perak : Upper Palaeozoic stratigraphy of the west of

- : Kampar [Suntharalingam, T., 1968a]
- : Devonian conodonts from Batu Gajah, Perak [Metcalf, I., 1983b]
- Pahang : On a Lower Devonian fauna from Pahang [Jones, C.R., 1970]
- : Paleozoic redbeds and radiolarian chert [Haile, N.S. *et al.*, 1977]
- Thailand : On the Devonian system in northern and western Thailand [Maronde, H-D., 1972]
- Vietnam : Upper Devonian conodonts from Quidat region [Pham, K.N., 1984]

diagenesis

- Batu Gading limestone : Diagenetic patterns in the mid-Tertiary Batu Gading limestones [Azhar Hj. Hussin, 1988a]
- carbonates : The role of carbonate diagenesis in exploration and production from Devonian pinnacle reefs [Watts, N.R., 1988]
- cementation : Carbonate cement stratigraphy and timing of hydrocarbon migration [Mohammad Yamin Ali, 1990, 1992]
- dolomitization : Dolomitisation of the limestone in the Simpang Pulai area [Ong, W.S., 1978]
- : Occurrence of clay-associated dolomite from offshore Sabah [Mazlan Hj. Madon, 1986]
- : Dolomitisation history of the Setul Limestone [Nuraiteng Tee Abdullah, 1990]
- Holocene reefal deposits : Early diagenesis of a Holocene reefal terrace Merak-Ayer area, Java [Cassoudebat, M. *et al.*, 1986]
- limestone : Dolomitisation, dedolomitisation and calcification in the Merapoh limestone [Azhar Haji Hussin, 1990b]
- mudstone : Chamositic and phosphatic ooids in the Terengganu Shale [Mazlan Hj. Madon, 1990a]
- Pancing Limestone : Diagenesis and chertification of the Carboniferous Pancing Limestone [Azhar Haji Hussin, 1992c]
- processes : Sedimentology of Miocene carbonate build-ups, Central Luconia, offshore Sarawak [Epting, M., 1978, 1980]
- reef complex : Diagenesis and depositional environment of the F6 reef complex, Central Luconia Province [Md. Nazri Ramli, 1982]
- reservoir sandstones : Petrology, diagenesis and quality of K Sandstone [Nik Ramli Nik Hassan, 1987b]
- : Depositional environments, diagenesis, and porosity of reservoir sandstones in the Malong Field [Noor Azim Ibrahim & Mazlan Madon, 1988, 1990a]
- : Porosities in Pulau-II Sandstone [Khalid Ngah, 1990]
- : Petrographic and diagenetic studies of the reservoir sandstone of the Malay Basin [Chu, Y.S., 1991, 1992]
- : Pore space reduction clays formed in deltaic and nearshore reservoirs [Nik ramli Nik Hassan, 1991]
- : Diagenesis and porosity reduction during burial of upper Miocene sandstones [Mazlan Hj. Madon, 1992b]
- : Petrography and reservoir quality of the Tapis sandstones, Sotong Field [Uzaymee Mohd Yusof, 1993]
- stylolitization : Significance of stylolite development in hydrocarbon reservoir [Koepnick, R.B., 1988]
- Subis Limestone : Some diagenetic aspects of the Subis Limestone [Nuraiteng Tee Abdullah, 1988]

diamictites *see also* mélange

- Central Belt : Diamictite along the eastern margin of the Central Basin [Metcalf, I. & Chakraborty, K.R., 1988]
- Genting Sempah : An occurrence of a sheared diamictite near Genting Sempah [Metcalf, I., 1987b]
- Raub : Occurrence of sheared diamictite in the Raub area [Chakraborty, K.R. & Metcalfe, I., 1987]

diamonds

- genesis : Early views of the genesis of the South African diamond deposits [Hosking, K.F.G., 1977c]

dikes *see under* intrusions

Dinding Schist

- geochemistry : The nature of Dinding Schist [Hamzah Mohamad, 1991]

dolerites *see under* igneous rocks

E

East Malaysia *see also* Sabah, Sarawak

- geology : Progress in the knowledge of the geology and mineral resources of Malaysia [Singh, D.S. and Khoo, T.T., 1977]
- ground water : Role of groundwater in the Malaysian environment [Hancock, S., 1982]
- oceanography : Oceanography of East Malaysia [Wilford, G.E., 1967]
- petroleum resources : Assessment of undiscovered conventionally recoverable petroleum resources in Tertiary sedimentary basins [Robinson, K., 1985]

Eastern Belt

- evolution : Geological evolution of Peninsular Malaysia [Khoo, T.T. & Tan Bock Kang, 1983]
- granites : The granitoids and mineralization of the Eastern Belt of Peninsular Malaysia [Rajah, S.S. *et al.*, 1977]
- : The magnetite-series and ilmenite-series granitoids and their bearing on tin mineralization [Ishihara, S. *et al.*, 1979]
- mineralization : The primary tin mineralization patterns of West Malaysia [Hosking, K.F.G., 1972d, 1973b]
- : Known relationships between the "hard-rock" tin deposits and the granites of Southeast Asia [Hosking, K.F.G., 1977b]
- : The granitoids and mineralization of the Eastern Belt of Peninsular Malaysia [Rajah, S.S. *et al.*, 1977]
- stratigraphy : The Palaeozoic sedimentary rocks of Peninsular Malaysia [Foo, K.Y., 1983]
- tectonics : Granite emplacement and tectonic subdivision of Peninsular Malaysia [Hutchison, C.S., 1977a]

Eastern Province *see* Eastern Belt

electrical surveys *see under* geophysical surveys

echinoderms

- crinoids : Fossils from the Fort Iskander area [Suntharalingam, T., 1967]
- : The discovery of macrofossils at Selumar, Belitung [Hosking, K.F.G. *et al.*, 1975, 1977]
- : A Carboniferous shallow marine fauna from Bukit Bucu, Batu Rakit [Idris, M.B. and Zaki, S.M., 1986]

Endau *see under* Johor

energy resources

- coal : Coal as an energy resources in Malaysia [Chen, S.P., 1992, 1993]
- data processing : Regional data processing and analysis as a basis for cooperative resource assessment [Sinding-Larsen, R., 1992]
- geothermal energy : Development of San Kamphaeng Geothermal Energy Project, Thailand [Ramingwong, T. & Praserdviyai, S., 1986]
- : Geothermal prospecting in the Semporna Peninsula [Lim, P.S. *et al.*, 1990, 1991]
- : Geothermal potential of the Sungai Jepun area, Semporna [Sahat Sadikun *et al.*, 1990]
- : Geology, energy potential and development of Indonesia's geothermal prospects [Boedihardi, M. *et al.*, 1992, 1993]
- : Geothermal energy and uranium mineralization potential of the Main Range granite province [Chakraborty, K.R., 1992]
- : Deep slim hole, diamond core drilling program proves effective for geothermal assessment in Hawaii [Olson, H.J. & Deymonaz, J.E., 1992, 1993]
- : Electrical survey for geothermal exploration in the Poring Hot Spring [Sahat Sadikun *et al.*, 1992]
- Papua New Guinea : Geology, energy resources and metallogenesis of Papua New Guinea [Rogerson, R. *et al.*, 1986]
- Singapore : Geology, mineral and energy resources of Singapore [Ausafur Rahman & Wong, P.P., 1986]

engineering geology

- aggregates : Potential alkali-silica reactivity of tuffaceous rocks in the Pengerang area [Chow, W.S. & Abdul Majit Sahat, 1989, 1990]
- : Disintegration of road aggregates [Abdul Majid Sahat & Chow, W.S., 1990, 1991]
- : The mineralogical and petrological factors in the alkali silica reactions in concrete [Yeap E.B., 1991, 1992]
- : Potential alkali-silica reaction in some Malaysian rock aggregates [Sazali Yaakob *et al.*, 1992]
- civil construction : Geologic input, or the lack of it, in civil construction [Tan Boon Kong, 1982b]
- classification : Classification of excavated material based on laboratory testing [Mohd For Mohd Amin, 1993]
- construction materials : Construction materials for the Sembrong and Bekok dams [Au Yong, M.H. & Tan Boon Kong, 1982, 1984]
- data integration : The integration of remote sensing, terrain evaluation and engineering geology in SE Asia [Beaumont, T.E. & Hunt, T., 1984, 1986]
- discontinuity : Mode of rock slope failure along the

- East-West Highway [TAJUL ANUAR JAMALUDDIN, 1991]
- foundation : Geotechnical problems associated with construction of major structures over subsurface marble bedrock [Tan Bock Kang, 1982d]
- : Foundation grouting of Batu Dam [Saim Suratman, 1986b]
- geophysical methods : Depth of penetration of geophysical exploration methods [Abdul Ghani Rafek, 1986, 1989a]
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- Kampuchea** *see* Cambodia
- kaolin deposits** *see* nonmetal deposits *under* mineral deposits
- Karak** *see under* Pahang
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 - hydrology : Groundwater hydrology in Kedah-Perlis [Daud Mohamad *et al.*, 1987]
 - gypsum : Indications of gypsum in Northern Peninsular Malaysia [Tan, T.H., 1991]
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- conodonts : Permian and Early Triassic conodonts from Northwest Peninsular Malaysia [Metcalf, I., 1981a]
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- stratigraphy : Re-interpretation of the stratigraphy of the Gunung Semanggol area [Azhar Haji Hussin, 1993]
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 - granites : Tourmaline greisenization in Langkawi [Khoo, T.T., 1981c]
 - ichnofossils : A comparison of the supposed graptolites of the Tarutao Formation with *Dictyodora* trace fossils found in the Machinchang Formation [Lee, C.P., 1980]
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 - Devonian : Devonian fossils from Pulau Rebak Besar [Yancey, T.E., 1972b]
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- stratigraphy : Payar Islands : Its position in the stratigraphic column of northwest Peninsular Malaysia [Che Aziz Ali *et al.*, 1990, 1991]

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- : Groundwater supply studies in Northern Kelantan [Tan, E.H. & Singh, M., 1987, 1989]
- Nenggeri Dam : Assessment of the mineral potential in the proposed Nenggeri Dam reservoir area [Teoh, L.H., 1987]
- paleogeography : Sedimentary environments and paleogeography of Holocene [Bosch, J.H.A., 1984]
- soil mineralogy : A comparative study of the mineralogy of rice soils of the Kedah and Kelantan coastal plains [Paramanathan, S., 1989]

Kelantan — Jeli

- slope failures : Slope failures along the East West Highway [Abdul Ghani Rafek, & Ibrahim Komoo, 1987, 1989]

Kelantan — Kota Bharu

- groundwater : Groundwater monitoring system in the Kota Bharu area [Abdul Rashid Bacik, 1990]

Kelantan — Kuala Betis

- remote sensing : Geological applications of digitally processed thematic mapper data [Juhari Mat Akhir, 1993]

Kelantan — Kuala Kerai

- igneous rocks : The igneous rocks of the Kuala Kerai-Manek Urai area [Teh, G.H. & Kee, H.L., 1989]

Kelantan — Manek Urai

- igneous rocks : The igneous rocks of the Kuala Kerai-Manek Urai area [Teh, G.H. & Kee, H.L., 1989]
- Taku Schist : Structure and metamorphism of the Taku Schists and adjacent rocks in the Manek Urai area [Lim, S.P. & Khoo, T.T., 1976]
- : Nature of the contact between the Taku Schists and adjacent rocks [Khoo, T.T. & Lim, S.P., 1983]

Kelantan — Sungai Aring

- remote sensing : Interpretation of satellite and geophysical data in Sungai Aring [Susai, R.R. *et al.*, 1992]

Kelantan — Ulu Sokor

- metavolcanics : Chloritoid-bearing metavolcanics from Ulu Sokor, Kelantan [Wong, Y.F. and Khoo, T.T., 1974]

Keledang Range see under Perak**Kemahang Granite**

- emplacement : Some comments on the emplacement level of the Kemahang granite [Khoo, T.T., 1980c]

Kemasik see under Terengganu**Kenny Hill Formation**

- ammonoid : Discovery of an ammonoid and crinoid stems in the Kenny Hill Formation [Abdullah Sani b. H. Hashim, 1985]
- structure : Structure of the Kenny Hill Formation [Tan Bock Kang & Yeap, E.B., 1975, 1977]
- : Overturned structures in the Kenny Hill Formation, [Tjia, H.D., 1976b]
- : Recumbent folds in rocks of Kenny Hill Formation indicate sense of tectonic transport [Tjia, H.D., 1980]

Keramat Pulau see under Perak**Keroh see under Perak****Kinta Valley see under Perak****Kluang see under Johor****Kodiang see under Kedah****Kodiang Formation**

- chert : Significance of bedded chert at Bukit Kodiang, Kedah [Basir Jasin & Kamal Roslan Mohamed, 1993]
- conodonts : Late Permian and Early Triassic conodonts from the Kodiang Limestone Formation [Yii, S.S. & Metcalfe, I., 1980]
- lithofacies : Lithofacies of the Kodiang Limestone [Kamal Roslan Mohamed *et al.*, 1992]
- sequence stratigraphy : Application of sequence stratigraphy to the Triassic limestones [Ann Yasmin Nordin, 1990]

Korea

- granites : Granitic plutons and ore deposits in the Okcheon Zone, Korea [Lee, D.S., 1977]

Kota Samarahan see under Sarawak**Kuala Kangsar see under Perak****Kuala Kurau see under Pulau Pinang****Kuala Lipis see under Pahang****Kuala Lumpur**

- alluvium : The nature, characteristics and genesis of the Kuala Lumpur tinfield alluvium [Yeap, E.B., 1984b]
- Batu Dam : Foundation grouting of Batu Dam [Saim Suratman, 1986b]
- : Geotechnical instrumentation at Batu Dam [Saim Suratman, 1987]
- engineering geology : Engineering geological aspects of clastic metasediments in the Kuala Lumpur area [Ibrahim Komoo, 1984, 1986a]
- faults : Some NW trending faults in the Kuala Lumpur and other areas [Shu, Y.K., 1969]

- : Structural features in the western Kuala Lumpur area [Choy, K.W., 1973]
 - : Faults and related features in the eastern part of Kuala Lumpur area [Ng, T.F. & Chakraborty, K.R., 1990]
 - folds : Structure of the Kenny Hill Formation [Tan Bock Kang & Yeap, E.B., 1975, 1977]
 - granites : K-Ar dating of micas from granitoids in the Kuala Lumpur-Seremban area [Kwan, T.S., 1989b, 1990]
 - : Aplite-pegmatite complexes of the Kuala Lumpur granite [Ng, T.F., 1991]
 - : Shore scleroscope hardness of the Kuala Lumpur Granite [Ng, T.F., 1992a]
 - : Ultrasonic investigation of the Kuala Lumpur Granite [Ng, T.F., 1992b]
 - gravity survey : Results of a gravity survey in the Kuala Lumpur area [Foss, C.A., 1984a, 1986a]
 - groundwater pollution : Groundwater pollution in the Klang Valley [Mohamad Ali Hasan & Zakaria Marzuki, 1992]
 - hydrogeology : A preliminary appraisal of the hydrogeology of Klang Valley [Mohamad Ali Hasan & Zakaria Marzuki, 1989]
 - seismic survey : Seismic reflection method applied to subsurface geological mapping in the Kuala Lumpur area [Raj, J.K. & Premakanthan, K., 1986]
 - slope stability : The stability of slope cuts along the Kuala Lumpur-Karak Highway [Raj, J.K., 1986b]
 - : Rock slope stabilization from hillside residential development [Tan Boon Kong, 1986a]
 - tin ores : Primary mineralization in the Kuala Lumpur area [Yeap, E.B., 1972]
 - volcanic ash : Quaternary volcanic ash at Ampang [Stauffer, P.H., 1971]
- Kuala Lumpur Fault Zone**
- definition : The Kuala Lumpur fault zone : a proposed major strike-slip fault across Malaya [Stauffer, P.H., 1968]
 - distribution : Some NW trending faults in the Kuala Lumpur and other areas [Shu, Y.K., 1969]
 - : Western extension of the Kuala Lumpur fault zone [Tjia, H.D., 1975, 1977]
- Kuala Lumpur Granite**
- aplite-pegmatite complexes : Aplite-pegmatite complexes of the Kuala Lumpur granite [Ng, T.F., 1991]
 - dynamic properties : Ultrasonic investigation of the Kuala Lumpur Granite [Ng, T.F., 1992b]
 - Shore hardness : Shore scleroscope hardness of the Kuala Lumpur Granite [Ng, T.F., 1992a]
- Kuala Lumpur Limestone**
- point load strength : Point load strength of a medium grained marble from the Kuala Lumpur Limestone [Raj, J.K., 1992b]
 - subsurface geology : Subsurface geology of the Kuala Lumpur Limestone [Lim, T.H., 1989]
 - triaxial compressive strength : Triaxial compressive strength of a stylolitic, medium grained marble [Raj, J.K., 1993c]
- Kuala Medang see under Pahang**

Kuala Nerang see under Kedah
Kuala Pilah see under Negeri Sembilan
Kuantan see under Pahang

Kuantan Basalt

- ages : Age relationship between the Kuantan basalt and dolerite dykes [Lee, S.G., 1975, 1977]
- : K-Ar ages of some basic igneous rocks from Peninsular Malaysia and Thailand [Bignell, J.D. and Snelling, N.J., 1977]
- inclusions : Spinel ilmenite inclusion in limburgite from Kuantan [Chakraborty, K.R., 1979]
- paleomagnetism : Palaeomagnetism, geochronology and petrology of the dolerite dykes and basaltic lavas from Kuantan [Haile, N.S. *et al.*, 1983]
- petrography : Olivine nephelinite and limburgite from Kuantan [Chakraborty, K.R., 1977]
- petrogenesis : Evolution of the nepheline to hypersthene normative alkali basaltic rocks of Kuantan [Chakraborty, K.R., 1980]
- : Rare earth element abundance patterns in alkaline basaltic lavas of Kuantan [Chakraborty, K.R. *et al.*, 1980]
- : Geochemistry and petrogenesis of alkaline basaltic rocks of Kuantan [Chakraborty, K.R., 1984]
- tholeiite : Occurrence of tholeiite in the Late Cenozoic basaltic lavas in Kuantan [Chakraborty, K.R., 1983]
- volcanism : An impact origin for the Late Cenozoic basalt volcanism in Kuantan [Anizan Isahak, 1990]
- : The Kuantan basalt – a multi-vent origin [Raj, J.K., 1990b]

Kuantan Group

- lithostratigraphy : Lithostratigraphy and sedimentology of Upper Paleozoic Kuantan Group [Tiemoko, S.Y. *et al.*, 1991]

Kudat Formation

- ichnofossils : The significance occurrences of *Parateichichnus pilulacopia* and *Hydrancyclus paracaulis* (trace fossils) in the Kudat Formation and Temburong Formation [Lee, C.P., 1993]

L

Labis see under Johor

Labuk Valley see under Sabah

Lanchang see under Pahang

landfill see under urban geology

landform see under geomorphology

landslide see under slope stability

Lambir Formation

- Ulu Bok Syncline : The occurrence of Lambir Formation in Ulu Bok Syncline [Lim, C.H. & Mohd. Shafeea Leman, 1992]

Laos

- hydrocarbon exploration : Exploration history and hydrocarbon potential of Cambodia and Laos [Blanche, J.B., 1991; Blanche, J.B. & Blanche, J.D., 1992]
- Permian faunas : Permian brachiopod correlations for

South-east Asia [Waterhouse, J.B., 1972, 1973]
laterites see chemically precipitated rocks *under* sedimentary rocks

Lawin see *under* Perak

Layang-Layang see *under* Johor

lead

- identification : The behavior of secondary lead species when subjected to the tinning test for cassiterite [Oh, K.W.P. *et al.*, 1975, 1977]
- : Microchemical aids to the identification of minerals [Hosking, K.F.G., 1977a]

lead ores

- Burma : Lead-zinc mineralization at Theingon Mine [Zaw, U.K. *et al.*, 1984]
- : A brief account of lead mineralization at Phaungdaw Prospect [Zaw, K. & Goossens, P.J., 1989]
- exploration : Rock geochemical exploration at Thabyebintaung Pb-Zn prospect [Zaw, U.K. *et al.*, 1982]
- galena : The mineralogical character of the galena lode, near Sg. Belat [Hosking, K.F.G. and Yeap, E.B., 1971c]
- : Galena-bearing grains from the the Lenggong stanniferous placers, Belitung, Indonesia [Hosking, K.F.G. & Rabelink, T.B.A., 1978]

Lepar see *under* Pahang

limestone see carbonate rocks *under* sedimentary rocks

lineaments see *under* fractures

Lubok Antu see Lupar Valley *under* Sarawak

Lupar Formation

- gabbro : Relationship of gabbro and pillow lava in the Lupar Formation [Haile, N.S. & Lam, S.K., 1991]
- mélange : The Lubok Antu Mélange, Lupar Valley [Tan, D.N.K., 1982]

Lupar Valley see *under* Sarawak

M

Machinchang Formation

- contact : The Machinchang - Setul transition in Langkawi and Tarutao [Lee, C.P., 1980a]
- ichnofossils : A comparison of the supposed graptolites of the Tarutao Formation with *Dictyodora* trace fossils found in the Machinchang Formation [Lee, C.P., 1980]
- limestone band : Machinchang Formation or Setul Limestone? [Ibrahim Abdullah, 1983]
- Pulau Payar : Payar Islands : Its position in the stratigraphic column of northwest Peninsular Malaysia [Che Aziz Ali *et al.*, 1990, 1991]
- stratigraphy : Stratigraphy and structure of the upper part of Machinchang Formation and the lower part of Setul Formation [Ong, Y.H. & Aw, P.C., 1980]
- : Stratigraphy of the Tarutao and Machinchang Formations [Lee, C.P., 1983]
- structural geology : Structural geology of the Machinchang Formation [Tjia, H.D., 1986c]
- : Structural geology of Datai beds and Macincang

Formation [Tjia, H.D., 1989a]

magnesium

- ground water : Magnesium and calcium concentrations in limestone groundwaters [Crowther, J., 1989]
- identification : Microchemical aids to the identification of minerals [Hosking, K.F.G., 1977a]
- : Cobalt nitrate test as an aid to the identification of water-soluble magnesium, aluminium and zinc minerals [Hosking, K.F.G., 1978c.]

Mahang Formation

- contacts : Nature of the contact of the Semanggol and Mahang Formations at the Dublin ridge area [Khoo, T.T., 1981d]

Main Range

- faults : The Main Range batholith's role in fault development [Syed Sheikh Almashoor, 1987]
- fractures : Joint pattern and faulting in Kinta [Gobbett, D.J., 1971]
- geochemistry : Chemical variation of biotite and hornblende in some Malaysian and Sumatran granitoids [Hutchison, C.S., 1989a]
- : Chemical patterns and evolution of the batholiths of the Main Range Province [Chakraborty, K.R., 1993]
- geothermal energy : Geothermal energy and uranium mineralization potential of the Main Range granite province [Chakraborty, K.R., 1992]
- gravity anomaly : Some thoughts on the crustal structure of Peninsular Malaysia [Ryall, P.J.C., 1982]
- : Interpretation of regional gravity and magnetic data in Peninsular Malaysia [Loke, M.H. *et al.*, 1983]
- REE contents : The origin of the Main Range batholith [Hamzah Mohamad, 1990]
- tin mineralization : The primary tin mineralization patterns of West Malaysia [Hosking, K.F.G., 1972d, 1973b]
- : The magnetite-series and ilmenite-series granitoids and their bearing on tin mineralization [Ishihara, S. *et al.*, 1979]
- tectonics : Granite emplacement and tectonic subdivision of Peninsular Malaysia [Hutchison, C.S., 1977a]
- : Magmatism, tin mineralization and tectonics of the Main Range [Krähenbuhl, R., 1991]
- textures : Primary composite-texture granite of the Main Range Province [Chakraborty, K.R., 1992b]
- typology : Granitoid batholiths of Peninsular Malaysia: typology and geodynamic implications [Chakraborty, K.R., 1989a]

Malay Basin

- biostratigraphy : Biostratigraphy of selected wells from Malay Basin [Rashidah Hj Abd Karim *et al.*, 1988]
- : Biostratigraphic characterization of stratigraphic sequences in the Malay Basin [Morley, R.J. *et al.*, 1993]
- carbonates : Carbonates: a potential exploration target in the Malay Basin [Koh, T.W., 1982]
- : A Triassic "reefal" limestone in the basement of the Malay Basin [Rodziah Daud *et al.*, 1989; Fontaine, H. *et al.*, 1990]
- chronostratigraphy : Chronostratigraphy of EPMI's Blocks PM-5 and PM-6 [Lye, Y.H., 1990]

- crude oils : Application of correlation index, trace elements, bulk properties and gas chromatography in the correlation of crude oils [Ramly Khairuddin, 1989]
- deformation : Inversion tectonics in the Malay Basin [Tjia, H.D., 1993d]
- exploration : Technology application to sustain exploration success [Swensen, K.F., 1991]
- faults : Pre-Tertiary structural patterns: implications for formation of the Malay and Penyu Basin [Khalid Ngah *et al.*, 1991]
- : Structural history of the Malay Basin [Kuang, K.S., 1988]
- : Structural development at the west-central margin of the Malay Basin [Liew, K.K., 1993a]
- : Reversal of wrench movement at the west-central margin of the Malay Basin. [Liew, K.K., 1993b]
- formation evaluation : Utilization of the repeat formation tester in formation evaluation [Dharmarajan, K. *et al.*, 1980]
- geopressure : The occurrence and detection of geopressure in the Malay Basin [Ford, C.H. *et al.*, 1980]
- : Abnormal pressure study in the Malay-Penyu Basin [Mohd. Shariff Kader, 1993]
- hazards : Integration of 3-D and site survey seismic data in analysis of near-surface hazards [Zuraida Mat Isa *et al.*, 1991, 1992]
- heat flow : A heat flow study in the Malay Basin [Wan Ismail Wan Yusoff, 1984]
- : A comparison of quality of present-day heat flow obtained from BTHs, Horner plots, RTFs and DSTs [Waples, D.W. & Mahadir Ramly, 1993]
- hydrocarbons : Review of principal hydrocarbon-bearing basins around the South China Sea [Du Bois, E.P., 1980, 1985]
- hydrocarbon geochemistry : Oil quality variations in the Malay basin [Creaney, S. & Abdul Hanif Hussein, 1992]
- hydrocarbon migration : Petroleum migration in the Malay Basin [Creaney, S. *et al.*, 1993]
- hydrocarbon sources : The hydrocarbon habitat of the Malay Basin [Md. Nazri Ramil *et al.*, 1986]
- igneous rocks : Dolerite and rhyolite in the basement of the Tenggol Arch [Mazlan Hj. Madon, 1991, 1992a]
- J-Sandstone : Depositional environments of the J Sandstone [Nik Ramli Nik Hassan, 1984]
- : Storm beds as a marine transgressive shoreface and inner shelf sequence [Noor Azim Ibrahim & Mazlan Madon, 1990b]
- : Sequence stratigraphy of the Group J in the Malay Basin [Yap, K.T., 1990]
- K-Sandstone : Oligocene to Early Miocene alluvial deltaic systems southeastern part of the Malay Basin [Nik Ramli Nik Hassan, 1986]
- : Petrology, diagenesis and quality of K Sandstone [Nik Ramli Nik Hassan, 1987b]
- nomenclature : Stratigraphic nomenclature — Southern end Malay Basin [Armitage, J.H. & Viotti, C., 1977]
- petrography : Petrography and reservoir quality of the Tapis sandstones, Sotong Field [Uzaymee Mohd Yusof, 1993]
- sandstones : Petrographic and diagenetic studies of the reservoir sandstone of the Malay Basin [Chu, Y.S., 1991, 1992]
- : Diagenesis and porosity reduction during burial of upper Miocene sandstones [Mazlan Hj. Madon, 1992b]
- seismic survey : Overview of AVO Analysis in the Malay Basin. [Lye, Y.H. & Daneshvar, M.R., 1993]
- : High resolution 2-D seismic survey in the Malay Basin [Abdul Razak Nurin *et al.*, 1993]
- : Seismic recognition of incised valleys in the Malay Basin [Md. Nor Mansor & Rudolph, K.W., 1993]
- : DHI analysis in the Malay Basin [Rudolph, K.W. & Richards, F.W., 1993]
- stratigraphy : Stratigraphic scheme for Petronas Carigali's operating areas offshore Peninsular Malaysia [Abu Samad & Md. Nazri Ramli, 1985]
- : Stratigraphy and palaeofacies development of Carigali's operating areas in the Malay Basin [Md Nazri Ramli, 1988]
- : Sequence stratigraphy and reservoir distribution of the J-15 sequence [Abdul Jailani Che Johari & Bedingfield, J.R., 1993]
- structural hydrocarbon traps : Trap styles of the Tenggol Arch and the southern part of the Malay Basin [Ng, T.S., 1985, 1987]
- : Structural trap styles of the Malay Basin [Mohd. Tahir Ismail & Rudolph, K.W., 1992]
- Malaya** *see* West Malaysia
- Malaysia** *see also* West Malaysia, Sabah, Sarawak
- ceramic industry : Minerals in Malaysia for the ceramic industry [Sedalia, B.M., 1980]
- energy resources : Coal as an energy resources in Malaysia [Chen, S.P., 1992, 1993]
- gold deposits : Major types of primary gold deposits in Malaysia [Cheang, K.K., 1988]
- groundwater : On the needs of National Groundwater Observational Network in Peninsular Malaysia [Mohamad Ali Hassan, 1984]
- heat flow : Heat flow regimes in sedimentary basins of Malaysia [Wan Ismail Wan Yusoff, 1988]
- : Geothermics of the Malaysian Sedimentary Basins [Mohd Firdaus Abdul Halim, 1993]
- kaolin industry : Kaolin industry in Malaysia [Cheong, K.F., 1980]
- mineral water : Mineral water of Malaysia - a critical evaluation [Mohamad Ali Hasan, 1990]
- : Some comments on the Malaysian standard of mineral water [Mohamad Ali Hasan, 1991]
- : The Malaysian standard of mineral water [Mohamad Ali Hassan, 1992c]
- stratigraphic nomenclature : 'Malaysian Code of Stratigraphic Nomenclature' — its formulation, adoption and adherence [Ahmad Jantan & Basir Jasin, 1989]
- structural analysis : Applying the modified stress-strain ellipsoid to the Australian and Malaysian

- basins [Kuang, K.S., 1987]
- Tertiary basins : Problems in biostratigraphy of Malaysian Tertiary basins [Bahari Md. Nasib *et al.*, 1991]
 - waste management : A preliminary appraisal on the waste disposal management system in Malaysia [Mohamad Ali Hassan, 1992b]
- Maliau basin** *see under* Sabah
- mammals** — primates
- human : New lights on human evolution in Southeast Asia [Sartono, S., 1984, 1986]
 - Quaternary : The Quaternary mammals of Malaysia [Sarkar, S.S., 1973b]
- Manek Urai** *see under* Kelantan
- manganese**
- identification : Microchemical aids to the identification of minerals [Hosking, K.F.G., 1977a]
- Manila Trench**
- tectonics : The Manila Trench – West Taiwan Foldbelt : a flipped subduction zone [Murphy, R.W., 1972, 1973]
- Mantanani Islands** *see Kudat under* Sabah
- mantle**
- tin deposits : Tin : a mantle or crustal source [Hutchison, C.S. & Chakraborty, K.R., 1979]
- marginal basins**
- Southeast Asia : Formation of marginal seas in Southeast Asia by rifting of the Chinese and Australian continental margins [Hutchison, C.S., 1984b, 1986b]
 - Southeast Sulu Sea : A Neogene marginal basin with outcropping extensions in Sabah [Hutchison, C.S., 1990, 1992b]
 - Western Pacific : Evolution of the island arc and marginal basins of the Western Pacific [Flavey, D.A., 1992]
- mathematical geology**
- Factor Analysis : Comparative geochemistry of the sedimentary and metasedimentary clastic rocks of the Kuantan area [Tiemoko, S.Y. *et al.*, 1992]
 - finite element analysis : Use of finite element method in geomechanics [Tan Boon Kong, 1979b]
 - geothermal modelling : Geothermal evolution modelling with apatite fission track data [Xue, A., 1992b]
 - hydrocarbon volume : In-place hydrocarbon volume calculation techniques [Abdul Malek Rani & Yew, C.C., 1981]
 - lattice constants : A procedure for computing the lattice constants of some crystal systems [Chan, S.H., 1976]
 - multivariate vector analysis : Petrographic image analysis, pore classification and the study of reservoir pore complex [Abdullah Kinchu, 1987]
 - non-linear modelling : Improved characterisation of carbonate reservoirs using non-linear modelling [Prins, M., 1993]
 - oil discovery : Probability problems in prospect appraisal [Hsu, Y.Y., 1987, 1988]
 - paleogeothermometry : The nonlinear inversion of paleogeothermal evolution [Xue, A., 1992a, 1993]
 - paleontology : Application of statistics in palaeontology [Sarkar, S.S., 1974]
- : DMO and NMO as applied in seismic data processing [Chen, J., 1989]
 - sidescan methods : Better accuracy from sidescan records : the object-chord method [James, M., 1986; James, M. & Tong, P.M., 1988]
 - structural analysis : Statistical analysis of the structural evolution of the western Qaidam Basin [Zhang, Q.R. *et al.*, 1992]
- Melaka**
- Cretaceous granites : Rare-earth element distribution patterns in the Cretaceous granites [Wan Fuad Wan Hassan, 1990]
 - slope failures : A survey of slope failures along the Senawang-Air Keroh highway [Tan Boon Kong, 1990]
- Melaka** — Bukit Punggor
- laterite : A chromium-nickel laterite in Bukit Punggor [Tan Bock Kang, 1982a]
- Melaka** — Telok Mas
- gravity survey : Geophysical studies of some ultrabasic bodies in the Telok Mas area [Loke, M.H., 1984]
 - serpentinite : Serpentinite occurrence at Telok Mas, Malacca [Khoo, K.K., 1978]
- Melaka** — Pantai Kundor
- seismic profiling : Seismic sub-bottom profiling and borehole analysis of Pantai Kundor [Abdul Rahim Samsudin & Umar Hamzah, 1992]
- mélange** *see also* diamictites, olistostromes
- Brunei : First record of *mélange* on the Jerudong Line [Hutchison, C.S., 1993]
 - Lupar Valley : The Lubok Antu *Mélange*, Lupar Valley [Tan, D.N.K., 1982]
 - Sabah : The 'Sabah Blueschist Belt' – a preliminary note [Leong, K.M., 1978]
 - : The Sabah *Mélange* – a stratigraphic unit? [Sanudin Hj. Tahir & Tan, T.H., 1986]
 - : Occurrence of *mélange* in the Bengkoka Peninsula [Sanudin Hj. Tahir *et al.*, 1992]
 - : The timing and tectonic significance of *mélange* formation in Eastern Sabah [Clennell, B.M., 1992]
 - Southeast Asia : Tectonics of the Indonesian region [Hamilton, W., 1973]
 - West Kalimantan : Cretaceous *mélange* in West Kalimantan and its tectonic implications [Williams, P.R. *et al.*, 1984, 1986]
- Melinau Limestone**
- sedimentology : Sedimentological and paleontological aspects of Melinau Limestone [Uyop Said & Kamal Roslan Mohamed, 1992]
- Mengapur** *see under* Pahang
- Merapoh** *see under* Pahang
- Mersing** *see under* Johor
- Mesozoic**
- flora : Preliminary notes on the Mesozoic flora from Maran [Smiley, C.J., 1969]
 - : Later Mesozoic flora from Maran, Pahang [Smiley, C.J., 1970a, 1970b]
 - stratigraphy : Mesozoic stratigraphy in Peninsular

- Malaysia [Khoo, H.P., 1983]
- Sumatra : Upper Mesozoic strata near Padang [Yancey, T.E. & Alif, S.A., 1977]
 - tectonics : Mesozoic and Cenozoic regional tectonics and metallogenesis in Mainland SE Asia [Mitchell, A.H.G., 1984, 1986]
 - : Early Mesozoic tectonism in Peninsular Malaysia [Chakraborty, K.R., 1990b]
 - Thailand : The marine Mesozoic stratigraphy of Thailand [Chonglakmani, C., 1983]
 - : Review of the continental Mesozoic stratigraphy of Thailand [Sattayarak, N., 1983]
 - : The succession of vertebrate faunas in the continental Mesozoic of Thailand [Buffetaut, E. and Ingavant, R., 1984, 1986]
- metamorphic rocks** — geochemistry
- gneisses : Petrology of the Pranburi-Hua Hin Metamorphic Complex and geochemistry of gneisses [Pongsapich, W. *et al.*, 1980]
 - migmatites : The Benta Migmatite Complex [Hutchison, C.S., 1971b]
 - schists : The use of Niggli numbers to differentiate medium to high grade clastic meta-sedimentary formations [Hamzah Mohamad & Rohayu Che Omar, 1993]
- metamorphic rocks** — granulites
- Vietnam : Granulite complex in the Southern Vietnam [Nguyen, X.B. & Tran, T.T., 1984]
- metamorphic rocks** — gneisses
- amphibolite : Tectogene hypothesis applied to the pre-Tertiary of Sabah and the Phillippines [Hutchison, C.S., 1968b]
 - petrology : The Benta Migmatite Complex [Hutchison, C.S., 1971b]
 - : Petrology of the Pranburi-Hua Hin Metamorphic Complex and geochemistry of gneisses [Pongsapich, W. *et al.*, 1980]
 - : Metamorphic mineral assemblages of gneisses along Doi-Inthanon Highway [Mongkoltip, P., 1984, 1986]
- metamorphic rocks** — hornfelses
- corderite-andalusite : A major unconformity exposed in Sungei Siput [Wee H. T. & Taylor, D., 1974]
 - Bukit Kemuning : The gabbroic suite and associated hornfelses of Bukit Kemuning [Kumar, S.C., 1980b]
 - Gunung Ledang : Metamorphic episodes of the western foothills of Gunung Ledang [Khoo, T.T., 1981b, 1983]
- metamorphic rocks** — metaigneous rocks
- geochemistry : The Nan River mafic-ultramafic belt, northern Thailand [MacDonald, A.S. & Barr, S.M., 1984]
- metamorphic rocks** — metavolcanics
- Ulu Sokor : Chloritoid-bearing metavolcanics from Ulu Sokor, Kelantan [Wong, Y.F. and Khoo, T.T., 1974]
- metamorphic rocks** — migmatites
- petrology : The Benta Migmatite Complex [Hutchison, C.S., 1971b]
- metamorphic rocks** — quartzites
- geochemistry : Some geochemical studies of the metaquartzite of the Jerai Formation [Chow, K.T., 1980]
- metamorphism**
- conditions : Physico-chemical condition analysis of regional metamorphic processes in the evolution of continental crust [Phan, T.T., 1984a]
 - contact : Metamorphic episodes of the western foothills of Gunung Ledang [Khoo, T.T., 1981b, 1983]
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- features : The Mulu Shear Zone - A major structural feature of NW Borneo [Tate, R.B., 1991b, 1992a]

Murau conglomerate

- lithostratigraphy : The Murau Conglomerate: lithostratigraphy, lithofacies and sedimentary environment [Ahmad Jantan *et al.*, 1988]
- structures : Murau structures and their significance to regional geology [Ibrahim Abdullah *et al.*, 1988]

N

nannofossils see under algal flora

Negeri Sembilan

- bivalves : Triassic fossils find in Negeri Sembilan [Suntharalingam, T., 1968b]
- slope failures : A survey of slope failures along the Senawang-Air Keroh highway [Tan Boon Kong, 1990]
- tungsten deposits : Relationship between the deposition of primary tungsten deposits and the tungsten distribution pattern in the granite [Yeap, C.H. & Hosking, K.F.G., 1976]

Negeri Sembilan — Bahau

- fauna : A Middle Triassic fauna from the Bt. Jeram Padang Ridge [Metcalf, I. *et al.*, 1985]
- fossils : Paleozoic fossil locality in Negeri Sembilan [Ng, C.G., 1970]
- tectonics : Geology of the Bahau area [Chakraborty, K.R. *et al.*, 1984]

Negeri Sembilan — Gemencheh

- site investigation : The story of Gemencheh Dam II [Tan Boon Kong, 1993c]

Negeri Sembilan — Genting Peras

- faults : Fault zone in Genting Peras [Zaiton Harun, 1991]

Negeri Sembilan — Kuala Pilah

- gravity survey : A study of altimeter height control in a gravity survey around Kuala Pilah [Foss, C.A., 1984b, 1986b]
- mineralization : Relationships between Sn and Au mineralizations to the granites: an example from Kuala Pilah [Wan Fuad Wan Hassan, 1993b]

Negeri Sembilan — Pertang

- chaotic deposits : Geological environment of the chaotic deposits [Tjia, H.D. & Syed Sheikh Almashoor, 1988]

Negeri Sembilan — Seremban

- granites : K-Ar dating of micas from granitoids in the Kuala Lumpur-Seremban area [Kwan, T.S., 1989b, 1990]
- quartz veins : Kaolinization of quartz vein [Ibrahim Komoo & Kadderi Md. Desa, 1988]

Negeri Sembilan — Siliu

- clay mineralogy : Clay minerals in the weathering profile of a quartz-muscovite schist in the Siliu area

[Raj, J.K., 1993a]

Neogene

- Indonesia : Neogene tectonics and orogeny of Indonesia [Simandjuntak, T.O. 1992, 1993]
- Japan : Sedimentological and mineralogical analysis of the turbidite sandstone of the Niigata basin [Tokuhashi, S., 1992, 1993]
- Palawan : Late Tertiary geologic history of the continental shelf off Northwestern Palawan [Tamesis, E.V. *et al.*, 1973]
- Papua New Guinea : Neogene stratigraphy, sedimentation and petroleum potential of the Oiapu-Yule Island-Oroi Region [Francis, G. *et al.*, 1984, 1986]
- : Age, petrology and mineralization associated with two Neogene intrusive types [Rogerson, R. & Williamson, A., 1984, 1986]
- Sabah : Regional tectonics and the Neogene geology of Northwest Sabah [St. John, V.P. *et al.*, 1981]
- : Tectonic control on the development of the Neogene basins in Sabah [Tongkul, F., 1992, 1993]
- Sulu Sea : The Southeast Sulu Sea, a Neogene marginal basin with outcropping extensions in Sabah [Hutchison, C.S., 1990, 1992b]
- Taiwan : Neogene biostratigraphy of Western Taiwan [Huang, T., 1982]
- : Significant datum planes of the Western Taiwan Neogene [Huang, T., 1983]
- unconformities : Regional unconformities in the hydrocarbon-bearing Neogene sequence [Levell, B.K., 1985, 1987]

New Caledonia

- tectonics : Tectonism, magmatism and sedimentary basin development in the Mesozoic-Early Tertiary period [Black, P.M., 1992, 1993]

New Zealand

- exploration : The changing exploration scene in Australia [Beddoes, L.R.Jr., 1973]
- tectonics : Basin reactivation associated with the mid-Cenozoic initiation of subduction, Taranaki [King, P.R. *et al.*, 1992]

nickel

- identification : Microchemical aids to the identification of minerals [Hosking, K.F.G., 1977a]

Nigeria

- geochemical exploration : Geochemical exploration around the pegmatitic Sn-Nb-Ta mineralization of Southwest Nigeria [Matheis, G., 1979]

Nitrogen

- contamination : CO₂ and N₂ contamination in J32-1, SW Luconia [Idris, M.B., 1991, 1992]

North Palawan Block *see under* Philippines

Nyalau Formation

- cyclic sedimentation : Cyclicities in the Miocene Nyalau Formation [Azhar Hj. Hussin & Nuraiteng Tee Abdullah, 1984]
- sedimentary environment : Sedimentary environment of the Nyalau Formation at Bukit Ancharang [Raja Abd. Halim Raja Muda & Mohd. Shafeea Leman, 1992]



oceanography

- East Malaysia : Oceanography of East Malaysia [Wilford, G.E., 1967]

oil and gas fields

- Baronia Field : The integration of 3-D seismic and geological computer mapping [Md Zin Che Lah *et al.*, 1993]
- Bayan Field : Geological constraints in the development of the Bayan Field [Dundang, A.G. *et al.*, 1993]
- Bekok Field : The geology and development of the Bekok Field [Abdullah Haron & Sabatka, S.E., 1981]
- Betty Field : Geological configuration of the Betty Field [Johnson, H.D. *et al.*, 1986]
- : Sedimentology and reservoir geology of the Betty Field [Johnson, H.D. *et al.*, 1989]
- Bokor Field : Reservoir geological aspects of the Bokor Field, Baram Delta Province [Budding, M.C. & Van Driel, W.Z., 1983]
- development : The role of geophysics in oil and gas field development [Khee, K.K. & Mohd. Izham Ismail, 1984]
- Erb West Field : Reservoir geological framework of Upper Miocene shallow marine sandstones in the Erb West Field [Levell, B. *et al.*, 1985]
- : Depositional controls of reservoir thickness and quality distribution in Upper Miocene shallow marine sandstone [Johnson, H.D. *et al.*, 1987]
- : Horizontal drilling Erb West Field [Raja Azhar Raja M. Noor & Kuud, T., 1988]
- Guntong Field : Integrating geology and geophysics to the planning of the Guntong Field development [Kwok, K.P. & Zainuddin Yusoff, 1988]
- Irong Barat Field : The history and geology of Irong Barat Field [Jawati Abu Naim, 1986]
- Kepong Field : Development of Kepong Field [Zainuddin Yusoff, 1983]
- Kinabalu Field : Advanced seismic interpretation in development planning for the Kinabalu Main Fields [Hocker, C.F.W. & Lim, S.H.B., 1992]
- Malong Field : Exploration history of Malong discovery [Ong, H.T. & Ng, T.S., 1984]
- : Depositional environments, diagenesis, and porosity of reservoir sandstones in the Malong Field [Noor Azim Ibrahim & Mazlan Madon, 1988, 1990a]
- Moluccas : Tectonics and oil prospects of the Moluccas [Gribi Jr., E.A., 1972, 1973]
- Pemagan Field : The geology and development of the Pemagan Field, East Kalimantan [Daud Harahap, 1983]
- Pulau Field : Geology and development of the Pulau Field [Yew, C.C., 1979]
- Samarang Field : The geology of the Samarang oilfield [Kaye, L.N., 1979]
- Semangkok Field : Exploration history of the Semangkok

- Field [Lye, Y.H., 1982]
- : Semangkok Field delineation and evaluation [Mohd. Noor Ismail, 1982]
 - Sotong Field : Petrography and reservoir quality of the Tapis sandstones, Sotong Field [Uzaymee Mohd Yusof, 1993]
 - St. Joseph Field : Reservoir geological modelling of Miocene shallow marine sands in St. Joseph Field [Ranggon, J. *et al.*, 1987]
 - : Structural and stratigraphic configuration of the late Miocene Stage IVC reservoirs in the St. Joseph field [Johnson, H.D. *et al.*, 1989]
 - Temana Field : Temana Jacket-W development [Buyak, T. *et al.*, 1991]
 - Tembungo Field : The petroleum geology of the Tembungo Field [Whittle, A.P. & Short, G.A., 1977]
 - : The Tembungo Field, 1979-1982 [Dixon, M.R. & Chakravathy, S., 1982]
 - Tinggi Field : History and geology of Tinggi Field [Mohammad Yusof & Brami, J.B., 1983]
 - : Tinggi field – analyzing the DHIs [Harun Mohd. Noor, 1985, 1987]
 - Tiong Field : History and geology of Tiong Field [Mohd. Redzuan Mohd. Said, 1984]
- Oligocene**
- sea level changes : Palaeobathymetrical changes in NW Sarawak [Hageman, H., 1985, 1987]
- olistostromes** *see also* mélange
- Bentong : Olistostrome in the Bentong area [Tjia, H.D., 1987b]
 - Telupid : Some larger foraminifera and radiolaria from Telupid olistostrome [Basir Jasin, 1991b]
- ophiolite**
- Darvel Bay : The Darvel Bay ophiolite complex [Shariff Abd. Kadir S. Omang *et al.*, 1992]
 - mineralization : Chromite deposits of Papua New Guinea [Afenya, P.M., 1984, 1986]
 - : Nature of gold mineralization in certain areas in East Manipur [Deka, P.J., 1984, 1986]
 - Southeast Asia : Tectonics of the Indonesian region [Hamilton, W., 1973]
- Ordovician**
- Perlis : Ordovician conodonts from the Kaki Bukit area, Perlis [Metcalf, I., 1980]
 - Tarutao and Machinchang Formations : Stratigraphy of the Tarutao and Machinchang Formations [Lee, C.P., 1983]
 - Thailand : The Ordovician system in Southern Thailand and Northern Malaysia [Wongwanich, T. *et al.*, 1983]
- organic materials** — geochemistry
- coals : Organic petrological and organic geochemical study of North Sea Middle Jurassic Brent coals and coaly sediments [Abdullah, W.H., 1992]
 - crude oils : Application of correlation index, trace elements, bulk properties and gas chromatography in the correlation of crude oils [Ramly Khairuddin, 1989]
 - : Geochemistry of selected crude oils from Sabah and Sarawak [Awang Sapawi Awang Jamil *et al.*, 1990, 1991]
 - : Possible source for the Tembungo oils [Abdul Jalil Muhamad & Mohd. Jamaal Hoesni, 1991, 1992]
 - : Oil quality variations in the Malay basin [Creaney, S. & Abdul Hanif Hussein, 1992]
 - deepwater sediments : Geochemical analyses and interpretations of surface sediments [Mahendran, B. & Berner, U., 1988]
 - gas analysis : Cuttings gas analysis and its application in petroleum geochemistry [Le Tran, K., 1981]
 - gas chromatography : Oil source bed hydrocarbon analysis [Thompson, S., 1980, 1982]
 - : C-GC-MS and its application to crude oil analysis [Comet, P.A. *et al.*, 1988, 1989]
 - hydrocarbons : Petroleum generation in the West Acheh Basin [Hadiyanto, 1992]
 - : Source rock and hydrocarbon geochemistry, offshore NW Sabah [Woodroof, P.B. & Carr, A.D., 1992]
 - mass spectrometer : C-GC-MS and its application to crude oil analysis [Comet, P.A. *et al.*, 1988, 1989]
 - method : Application of nuclear spectrometry to formation geochemical evaluation [Colombani, P. *et al.*, 1988]
 - pyrolysis : Oil source bed hydrocarbon analysis : some methods and interpretation [Thompson, S., 1980, 1982]
 - trace elements : Potential for application of trace element studies in petroleum geology in Malaysia [Ramly Khairuddin, 1987]
- organic materials** — hydrocarbons
- accumulation : Gaint oil accumulations and their areal concentration efficiency [Magara, K., 1992, 1993]
 - analysis : Rapid source rock evaluation by programmed pyroanalysis [Whyte, D., 1982]
 - : C-GC-MS and its application to crude oil analysis [Comet, P.A. *et al.*, 1988, 1989]
 - Australia : Hydrocarbon occurrences in the Cooper and Eromanga Basins [Paran, J., 1992, 1993]
 - contaminations : CO₂ and N₂ contamination in J32-1, SW Luconia [Idris, M.B., 1991, 1992]
 - detection : Direct detection of hydrocarbon by electraflex method [Abdul Halim Quazi, 1984b]
 - : Application of Gassmann's model in hydrocarbon-bearing reservoir characterization [Ng, T.S. & Leong, L.S., 1990]
 - estimation : Offshore hydrocarbon resources potential in Tertiary sedimentary basins [Robinson, K., 1992]
 - exploration : Exploration for unrecognized sandstone targets in well-explored basins [Haile, N.S., 1987]
 - : PVT-modelling as a predictive tool in hydrocarbon exploration [Heum, O.R., 1988; Heum, O.R. *et al.*, 1988]
 - : The role of carbonate diagenesis in exploration and production from Devonian pinnacle reefs [Watts, N.R., 1988]
 - : Airborne geophysical survey as an aid to hydrocarbon exploration [Wee, E.S. & Lai, S.K., 1990]
 - : 3D seismic an indispensable tools to delineate hydrocarbons [Anderson, B.R.H., 1991, 1992]

- : Technology application to sustain exploration success [Swensen, K.F., 1991]
 - : 3-D seismic benefits from exploration through development [Johnson, M.G., 1992]
 - : New targets for oil and gas exploration in Fiji, Soloman Islands and Vanuatu [Rodd, J.A., 1992, 1993]
 - : Tarakan Basin, NE Kalimantan : Exploration and future hydrocarbon potential [Wight, A.W.R. *et al.*, 1992, 1993]
 - habitat : Hydrocarbon habitat in offshore Southeast Asia [Cullen, P. *et al.*, 1992]
 - identification : A Quantitative Fluorescence Technique for the evaluation of oil show [Kothari, D.C., 1990]
 - : Hydrocarbon identification by ditch cutting analysis [Huong, J.Y.T., 1991]
 - indicators : Tinggi field – analyzing the DHIs [Harun Mohd. Noor, 1985, 1987]
 - : DHI analysis in the Malay Basin [Rudolph, K.W. & Richards, F.W., 1993]
 - maturity : Thermal maturity and oil generation from liptinitic and sapropelic sources [Thompson, S., 1979]
 - migration : Relative timing of hydrocarbon migration in the Miocene Subis Limestone [Azhar Hj. Hussin & Nuraiteng Tee Abdullah, 1989]
 - : Carbonate cement stratigraphy and timing of hydrocarbon migration [Mohammad Yamin Ali, 1990, 1992]
 - : Petroleum migration in the Malay Basin [Creaney, S. *et al.*, 1993]
 - occurrences : Review of principal hydrocarbon-bearing basins around the South China Sea [Du Bois, E.P., 1980, 1985]
 - : Baram delta geology and hydrocarbon occurrence [Rijk, E.H.J., 1980, 1981]
 - : The relationship between hydrocarbon occurrences and tectonics in Southeast Asia [Barber, A.J. & Murphy, R.W., 1984]
 - oil generation : Oil-generating potential of coals from Spitsbergen, Svalbard [Abdullah, W.H., 1990]
 - organic carbon : Prediction of Total Organic Carbon content using wireline logs [Ahmad Sharby Abdul Hamid, 1990]
 - palynology : The role of palynology in the oil industry [Besems, R.E., 1991]
 - Philippines : Oil, geology, and changing concepts in the Southwest Philippines [Durkee, E.F., 1992, 1993]
 - potential : Structural framework and hydrocarbon potential of the Southern Sandakan Basin [Walker, T.R. *et al.*, 1992a]
 - : Complex transtensional structures and the hydrocarbon potential of the greater Sarawak Basin [Bird, D.J. *et al.*, 1993]
 - : Locations of sedimentary basins in Peninsular Malaysia [Azhar Haji Hussin & Sivam, S.P., 1993]
 - : Hydrocarbon potential of the Spratly Archipelago, South China Sea [Blanche, J.B. & Blanche, J.D., 1993]
 - reserves : Estimating reserve in thinly-laminated sands with the help of petrographic image analysis [Kennaird, T. *et al.*, 1988, 1989]
 - : World petroleum resources - where, why, and how much [Masters, C.D., 1992, 1993]
 - reservoir : Seismic hydrocarbon reservoir prediction [Buttkus, B., 1984a, 1985]
 - reservoir fluids : The application of Gas Ratios in Papua New Guinea [Daniels, M. & Duncan, N., 1990]
 - sources : The hydrocarbon habitat of the Malay Basin [Md. Nazri Ramil *et al.*, 1986]
 - : Oil source bed hydrocarbon analysis : some methods and interpretation [Thompson, S., 1980, 1982]
 - : Possible source for the Tembungo oils [Abdul Jalil Muhamad & Mohd. Jamaal Hoesni, 1991, 1992]
 - : Tertiary coal measures as source sequences for oil [Cook, A.C. & Faiz, M.M., 1992]
 - : Source rock and hydrocarbon geochemistry, offshore NW Sabah [Woodroof, P.B. & Carr, A.D., 1992]
- organisations**
- BGR : Marine geoscientific studies of the Federal Institute for Geosciences and Natural Resources (BGR) in Asian offshore areas [Buttkus, B., 1984b]
 - CCOP : Regional data processing and analysis as a basis for cooperative resource assessment [Sinding-Larsen, R., 1992]
 - ECAFE : Stratigraphic correlation in the Ecafe area [Anderson, T.A., 1972]
 - ESCAP : The role of the ESCAP Regional Mineral Resources Development Centre [McDivitt, J.F., 1986]
 - RMDC : Regional Cooperation in Mineral Development in Asia [RMDC, 1984]
 - University of London Group for Geological Research in Southeast Asia : [Hall, R., 1992]
- osmiridium**
- Cheroh : Osmiridium – a discovery in Cheroh, Pahang [Shu, Y.K., 1981, 1982]
-
- P**
-
- Pacific Basin**
- coals : Coal in the western Pacific Basin [Landis, E.R., 1992; Landis, E.R. and Weaver, J.N., 1993]
 - heat flow : Heat flow distribution in the western margin of the Pacific [Matsubayashi, O. *et al.*, 1992]
 - hydrocarbon exploration : New targets for oil and gas exploration in Fiji, Solomon Islands and Vanuatu [Rodd, J.A., 1992, 1993]
 - hydrocarbon resources : Offshore hydrocarbon resources potential in Tertiary sedimentary basins [Robinson, K., 1992]
 - Ocean Drilling Program : Scientific exploration of the western margins of the Pacific Basin [Janecek, T. *et al.*, 1992]
 - paleogeography : Paleogeographic development of the Southwestern Pacific Basin [Moore, G.W., 1992]
 - plate tectonics : Evolution of the island arc and mar-

- ginal basins of the Western Pacific [Flavey, D.A., 1992]
- tectonics : Tectonics and plutonism in Western Pacific [Nozawa, T., 1984]
- Padang Terap** *see under* Kedah
- Pahang**
- Carboniferous coals : Occurrence of Carboniferous-age coals and *in situ* plant fossils in Eastern Peninsular Malaysia [Jennings, J.R. & Lee, C.P., 1985]
 - Devonian fauna : On a Lower Devonian fauna from Pahang [Jones, C.R., 1970]
 - Kuantan Group : Lithostratigraphy and sedimentology of Upper Paleozoic Kuantan Group [Tiemoko, S.Y. *et al.*, 1991]
 - magnetic survey : Interpretation of regional gravity and magnetic data in Peninsular Malaysia [Loke, M.H. *et al.*, 1983]
 - mineral deposits : Extracts from, and comments on, Mr F.J. Stephens' "Mineral Features of Pahang, Malay Peninsular" [Hosking, K.F.G., 1974b]
 - Pahang River Delta : Preliminary study on the Pahang River Delta [Ahmad Jantan & Farshori, M.Z., 1993]
 - paleomagnetism : Palaeomagnetic measurements on Upper Jurassic to Lower Cretaceous sedimentary rocks [Haile, N.S. & Khoo, H.P., 1980]
- Pahang — Benta**
- petrology : The Benta Migmatite Complex [Hutchison, C.S., 1971b]
- Pahang — Bentong**
- Bentong Group : Redbeds and radiolarian chert [Haile, N.S. & Stauffer, P.H., 1973]
 - : Paleozoic redbeds and radiolarian chert [Haile, N.S. *et al.*, 1977]
 - olistostrome : Olistostrome in the Bentong area [Tjia, H.D., 1987b]
 - site investigation : Damsite investigation in the Bentong area [Tan Boon Kong, 1987]
 - structural analysis : Multidirectional movements in the schist of Bentong [Tjia, H.D., 1984a]
- Pahang — Bukit Berentin**
- photogeology : Photogeology of the Bukit Berentin area, Lipis [Lai, K.H. & Noor Bakri Endut, 1989]
- Pahang — Bukit Jaya**
- paleogeography : Stratigraphy and structure of the Late Paleozoic Bt. Jaya metasediments [Azhar Haji Hussin, 1992a]
- Pahang — Cheroh**
- Carboniferous : Carboniferous fossils from the "Raub Group" near Cheroh [Yancey, T.E., 1972]
 - osmiridium : Osmiridium — a discovery in Cheroh [Shu, Y.K., 1981, 1982]
- Pahang — Cini**
- base metals : Geology of the Chini-6 area : a base metals prospect [Low, K.L., 1981a, 1981b]
 - gold : Gold and REE distribution patterns in Tasik Cini volcanogenic massive sulphide deposits (Teh, G.H., *et al.*, 1991)
 - mineralization : Volcanogenic barite, Fe and Mn oxide and massive sulphide mineralization at Cini area [Teh, G.H. & Hutchinson, R.W., 1987]
 - : Volcanogenic Ba-Fe-Mn-massive sulphide mineralization at Bukit Ketaya [Teh, G.H. & Mohd. Sabar Ahmad, 1989]
- Pahang — Gunung Tahan**
- structures : Gunung Tahan - Gunung Tangga Dua Belas : structural observations [Ibrahim Komoo *et al.*, 1985]
- Pahang — Gunung Benom**
- pegmatites : Pegmatites from the southern part of the western foothills of Gunung Benom [Khoo, T.T., 1976a]
- Pahang — Jengka Pass**
- unconformity : The Tembeling Formation - a lithostratigraphic description [Koopmans, B.N., 1968]
- Pahang — Jerantut**
- kaolin : Chemical alteration and mineralogy of kaolin [Kadderi Md. Desa, 1989]
- Pahang — Karak**
- fauna : Fauna from the Foothill Formation at Tuan Estate [Jones, C.R., 1967]
- Pahang — Kuala Lipis**
- brachiopods : Permian brachiopods in north Hutani Lipur Terengganu [Mohd. Shafeea Leman, 1991]
 - fauna : Triassic fauna in the vicinity of Kuala Lipis [Mohd. Shafeea Leman, 1987]
 - gold deposits : Gold-bearing, quartz veins from the Ajmal Mine [Cheang, K.K. & Zulkifli Che Kasim, 1988]
 - limestone : Sedimentology of the Gua Sai limestone [Lim, H.G., 1987]
- Pahang — Kuala Medang**
- geochemical exploration : Application of soil geochemistry to the detection of Sb-Au mineralization in the Buffalo Reef area [Pereira, J.J. *et al.*, 1992]
 - gold mining : Geology, mining and tailing characteristics of the Selinsing Gold Mine [Pereira, J.J., 1993]
- Pahang — Kuantan**
- basalts : Age relationship between the Kuantan basalt and dolerite dykes [Lee, S.G., 1975, 1977]
 - : K-Ar ages of some basic igneous rocks from Peninsular Malaysia and Thailand [Bignell, J.D. and Snelling, N.J., 1977]
 - : On the evolution of the nepheline to hypersthene normative alkali basaltic rocks of Kuantan [Chakraborty, K.R., 1980]
 - : Rare earth element abundance patterns in alkaline basaltic lavas of Kuantan [Chakraborty, K.R. *et al.*, 1980]
 - : Geochemistry and petrogenesis of alkaline basaltic rocks of Kuantan [Chakraborty, K.R., 1984]
 - : The Kuantan basalt — a multi-vent origin [Raj, J.K., 1990b]
 - bauxite : Bauxite in the Kuantan area [Rajah, S.S., 1984, 1986]
 - dolerite : Instrumental neutron activation analysis for rare earth elements in dolerite dikes of Kuantan area [Ram, G.S. *et al.*, 1980]
 - geochemistry : Comparative geochemistry of the sedimentary and metasedimentary clastic rocks of the Kuantan area [Tiemoko, S.Y. *et al.*, 1992]

- granites : Granite magmatism and tin-tungsten metallogenesis in the Kuantan-Dungun area [Schwartz, M.O. & Askury, A.K., 1990]
- placer deposits : Quaternary stratigraphy and prospects for placer tin deposits in the Kuantan area [Suntharalingam, T. & Ghani Ambak., 1984, 1986]
- quartz dike : Implications of a quartz dyke near Kuantan [Stauffer, P.H., 1976b]
- sediments : An interesting exposure of unconsolidated sediments in the Kuantan area [Raj, J.K., 1982f]
- tholeiite : Occurrence of tholeiite in the Late Cenozoic basaltic lavas in Kuantan [Chakraborty, K.R., 1983]
- volcanism : An impact origin for the Late Cenozoic basaltic volcanism in Kuantan [Anizan Isahak, 1990]
- Pahang — Lanchang**
 - stratigraphy : Stratigraphy and sedimentology of Middle Triassic rocks exposed near Lanchang [Metcalf, I. *et al.*, 1982]
 - volcanic rocks : Major and trace element geochemistry of Lanchang Volcanics [Hamzah Mohamad & Mohamad Md. Tan, 1989]
- Pahang — Lepar**
 - water supply : River bank infiltration as a source of water supply in Felda Lepar Hilir [Seet, C.P., 1987]
- Pahang — Maran**
 - ichnofossils : Occurrences of *Paleodictyon*, a graphoglyptid burrow, from the Upper Paleozoic of the Maran area [Yap, K.T., 1980]
 - Mesozoic flora : Preliminary notes on the Mesozoic flora from Maran Pahang [Smiley, C.J., 1969]
 - : Later Mesozoic flora from Maran [Smiley, C.J., 1970a and 1970b]
- Pahang — Mengapur**
 - exploration : Gold investigation in the Sungai Luit area [Wong, W.S. & Lee, A.K., 1984, 1986]
- Pahang — Mentakab**
 - intrusives : An intrusive swarm near Mentakab [Law, S.F. & Tjia, H.D., 1985]
 - Semantan Formation : The occurrence of the oolitic limestone facies in the Semantan Formation [Kamal Roslan Mohamad & Ibrahim Abdullah, 1993]
 - : Limestone facies of the Semantan Formation [Kamal Roslan Mohamed & Ibrahim Abdullah, 1993]
- Pahang — Merapoh**
 - brachiopods : Upper Permian brachiopods from Merapoh area [Mohd. Shafeea Leman, 1992]
 - foraminifers : The occurrence of Upper Permian foraminifers in Northwest Pahang [Nuraiteng Tee Abdullah, 1993]
 - limestone : Dolomitisation, dedolomitisation and calcification in the Merapoh limestone [Azhar Haji Hussin, 1990b]
 - placer deposits : Environment of placer gold deposits in northern Pahang [Tan, T.H. & Lim, K.L., 1989, 1990]
- Pahang — Padang Tengku**
 - Permian : Permian fauna and volcanic activity in the Padang Tengku area [Mohd. Shafeea Leman, 1993]
- Pahang — Panching**
 - conodonts : Ornamentation and ultra-structure of some well preserved specimens of *Idiognathoides noduliferus inaequali* [Metcalf, I., 1983a]
 - fold : On the significance of a tight fold in Bukit Panching [Idris, M.B. & Azlan, M.S., 1988]
 - fusulinids : Biostratigraphy and paleoecology of fusulinids from Bukit Panching [Idris, M.B. & Azlan, M.S., 1989]
 - Panching Limestone : Diagenesis and chertification of the Carboniferous Panching Limestone [Azhar Haji Hussin, 1992c]
 - stratigraphy : Stratigraphy of Panching area [Tan, J.T., 1973]
 - : Stratigraphy and palaeontology of the Carboniferous sediments in the Panching area [Metcalf, I. *et al.*, 1980]
- Pahang — Pulau Tioman**
 - coquina : Coralline coquina from Pulau Tioman [Khuo, T.T., 1974b]
 - granites : Evidence for the occurrence of an older granitoid in Pulau Tioman [Khuo, T.T., 1976b]
 - : On the supposed existence of Late Cretaceous granite in Pulau Tioman [Khuo, T.T., 1980b]
 - pumice : Collapsed pumice phenoclasts in a metabreccia of Pulau Tioman [Tjia, H.D., 1981a]
 - metavolcanics : A sillimanite-bearing rock from Pulau Tioman [Khuo, T.T., 1974a]
 - sea level changes : Occurrence of raised corals in Pulau Tioman [Khuo, T.T., 1974c]
 - : Some aspects of the recent in Pulau Tioman [Khuo, T.T., 1976c]
- Pahang — Raub**
 - diamictites : Occurrence of sheared diamictite in the Raub area [Chakraborty, K.R. & Metcalf, I., 1987]
 - faults : The Bilut Valley of Pahang and the Cenozoic of Peninsular Malaysia [Raj, J.K. *et al.*, 1989]
 - fossils : A fossil "Portugese man of war" (*Vellellidae*) from the Paleozoic of the Raub area [Tan Bock Kang & Sivam, S.P., 1971]
 - : Permian conodonts from the Raub Gold Mine [Metcalf, I., 1993]
 - gold mineralization : The structure and gold mineralization in the Kim Chaun Gold Mine, Bukit Koman [Yeap, E.B. & Pereira, J.J., 1993]
 - landslide : A large prehistoric landslide near Raub [Ong, G.B. & Stauffer, P.H., 1982]
 - limestone : Deformation and age of limestone at Sungei Bilut [Chakraborty, K.R. & Metcalf, I., 1988]
 - lithostratigraphy : Paleozoic redbeds and radiolarian chert [Haile, N.S. *et al.*, 1977]
 - thorianite : Thorianite from Bukit Keluang area [Teoh, L.H. *et al.*, 1983]
- Pahang — Sungei Gau**
 - schoenfliesite-wickmanite : A mineral of the schoenfliesite-wickmanite series from Sg. Gau [Wan Fuad Wan Hassan, 1991, 1993a]
- Pahang — Sungei Lembing**
 - Bukit Paloh adamellite : Age determination on the

- Bukit Paloh adamellite [Hutchison, C.S. & Snelling, N.J., 1971]
- dumortierite : A dumortierite-bearing lode at the Gakak Mine, Pahang [Hosking, K.F.G. *et al.*, 1971]
 - tin ores : Magnetite-bearing tin ore from Pahang Consolidated Mines [Hosking, K.F.G. & Yeap, E.B., 1977c]
- Pahang** — Sungei Siput
- unconformity : Sungei Siput unconformity [Wee H. T. & Taylor, D., 1973]
 - : A major unconformity exposed in Sungei Siput [Wee H. T. & Taylor, D., 1974]
- Pahang** — Tanjung Gelang
- cross bedding : Cross-bedding in sandstones of probably Carboniferous age in Tanjung Gelang [Stauffer, P.H., 1976a]
 - folds : Structures of Tanjong Gelang, Pahang [Yap, L.S., 1976]
 - : Deformation of the Upper Paleozoic rocks at Tanjung Gelang [Yap, L.S. & Tan Bock Kang, 1980]
- Pahang** — Tekai Valley
- folds : Structural styles of the rocks of Tembeling Group in Tekai Valley [Ibrahim Abdullah *et al.*, 1991]
 - magnetic survey : Results of magnetic survey in Tekai Valley [Abdul Rahim Hj. Samsudin *et al.*, 1991]
 - stratigraphy : Stratigraphy of the rocks of Tembeling Group in Tekai Valley [Kamal Roslan Mohamed *et al.*, 1991]
 - Tembeling Group : Relationship and depositional setting of the Lanis Conglomerate, Mangkin Sandstone and Termus Shale [Ahmad Jantan *et al.*, 1991]
 - : Petroleum potential of the Tembeling Group [Khalid Ngah *et al.*, 1993]
- Pahang** — Temerloh
- fossils : An Upper Permian fossil assemblage from Gunung Sinyum and Gunung Jebak Puyoh limestone [Idris, M.B. & Hashim, C.N., 1988]
 - Semantan Formation : Thick intraformational conglomerate horizon within the Semantan Formation [Metcalf, I. & Chakraborty, K.R., 1983]
- Pahang** — Tras
- turquoise : Turquoise found in Tras/Raub, Pahang [Murthy, K.N., 1984]
 - : The occurrence of turquoise and faustite in Tras [Murthy, K.N., 1989]
- Pakistan**
- mammalian : Miocene giant rhinocerotid *Baluchitherium* from the Bugit Hills [S. Mahmood Raza *et al.*, 1993]
- Palawan** *see under* Philippines
- paleoecology**
- fusulinids : Biostratigraphy and paleoecology of fusulinids from Bukit Panching [Idris, M.B. & Azlan, M.S., 1989]
- paleogeography**
- Borneo : Palaeocene palaeogeography of Borneo [Hutchison, C.S., 1991]
 - Kalimantan : Paleogeography and tectonic development of the Tertiary basins in Kalimantan [Trail, D.S. *et al.*, 1984]
- Pacific Basin : Paleogeographic development of the Southwestern Pacific Basin [Moore, G.W., 1992]
 - Pahang : Stratigraphy and structure of the Late Paleozoic Bt. Jaya metasediments [Azhar Haji Hussin, 1992a]
 - Perak : Sedimentary environments and paleogeography of the Holocene [Bosch, J.H.A., 1984]
 - Sarawak : Palaeogeographic development of west Sarawak [Tan, D.N.K., 1984b, 1986]
 - : Miocene-Pliocene paleogeographic evolution of a tract of Sarawak offshore [Agostinelli, E. *et al.*, 1989, 1990]
 - : Jurassic-Cretaceous palaeogeography of the Jagoi-Serikin area [Ting C.S., 1991, 1992]
 - Southeast Asia : Late Palaeozoic palaeogeography of Southeast Asia [Metcalf, I., 1984b, 1986a]
 - : Late Paleozoic glacial marine facies in Southeast Asia [Stauffer, P.H. & Lee, C.P., 1984, 1986]
 - Thailand : The Kanchanaburi supergroup of Peninsular and Western Thailand [Burton, C.K., 1984a, 1986b.]
 - West Malaysia : Geologic evolution and paleoclimatic changes of Peninsular Malaysia [Sivam, S.P. *et al.*, 1989]
 - Western Belt : Palaeoenvironmental and stratigraphic evolution of western Peninsular Malaysia [Sivam, S.P. & Idris, M.B., 1989]
- paleogeothermometry**
- South China Sea : The nonlinear inversion of paleogeothermal evolution [Xue, A., 1992a, 1993]
 - China : Geothermal evolution modelling with apatite fission track data [Xue, A., 1992b]
- paleomagnetism**
- Borneo : Rotation of Borneo microplate completed by Miocene [Haile, N.S., 1979]
 - Kuantan : Palaeomagnetism, geochronology and petrology of the dolerite dykes and basaltic lavas from Kuantan [Haile, N.S. *et al.*, 1983]
 - redbeds : Palaeomagnetic measurements on Upper Jurassic to Lower Cretaceous sedimentary rocks [Haile, N.S. & Khoo, H.P., 1980]
 - Southeast Asia : Paleomagnetic studies in restraining speculation about the geological history of Southeast Asia [Haile, N.S. & McElhinny, M.W., 1972]
 - : The use of paleomagnetic reversals in Pleistocene geochronology in Southeast Asia [Haile, N.S. & Watkins, N.D., 1972]
 - : Late Palaeozoic palaeogeography of Southeast Asia [Metcalf, I., 1984b, 1986a]
 - : Paleomagnetic evidence to define a stable East Asia and Sundaland [McCabe, R. *et al.*, 1992]
 - Thailand : Reconnaissance paleomagnetic measurements on Triassic and Jurassic sedimentary rocks from Thailand [Barr, S.M. *et al.*, 1977, 1978]
- Paleozoic**
- Burma : Paleozoic stratigraphy of the Northern Shan States and the new finds in the Paleozoic paleontology [Thaw, T., 1972]
 - Langkawi : Structural differences between the Lower

- and Upper Palaeozoic rocks of the Langkawi Islands [Ibrahim Abdullah, 1987b]
- paleoposition : Southeast Asia as a part of an early Paleozoic Australia Gondwanaland [Burrett, C. & Stait, B., 1984, 1986]
- Raub : A fossil "Portugese man of war" (*Vellellidae*) from the Paleozoic of the Raub area [Tan Bock Kang & Sivam, S.P., 1971]
- stratigraphy : Upper Palaeozoic stratigraphy of the west of Kampar [Suntharalingam, T., 1968a]
- : Paleozoic redbeds and radiolarian chert [Haile, N.S. *et al.*, 1977]
- : Paleozoic succession in Thailand [Bunopas, S., 1983]
- : The Palaeozoic sedimentary rocks of Peninsular Malaysia [Foo, K.Y., 1983]
- : The Upper Palaeozoic pebbly rocks in Southern Thailand [Tantiwanit, W. *et al.*, 1983]
- Paloh** *see under* Johor
- palynology**
 - Cenozoic : Tertiary palynomorphs from Batu Arang [Ahmad Munif Korani, 1993]
 - correlations : The role of palynology in the oil industry [Besems, R.E., 1991]
 - Cretaceous : Cretaceous spores from Paloh, Johor [Uyop Said & Kamal Roslan Mohamed, 1993]
 - Quaternary : Quaternary sediments at Sungei Besi [Mohammad Ayob, 1970]
 - : Quaternary changes in sea-level in the South China Sea [Biswas, B., 1972, 1973]
 - : Significance of palynology in Late Quaternary sediments [Kamaludin bin Hassan, 1989b]
 - : Palynology of Late Quaternary sediments of piston-core from Sabah Trough [Shamsudin Jirin, 1993]
 - sea level changes : The Holocene transgression in Peninsular Thailand [Pramojanee, P. & Hastings, P., 1984; Pramojanee, P. *et al.*, 1986]
 - sedimentation environments : Palynology as a tool in delineating tropical lowland depositional environments [Hillen, R., 1984, 1986]
 - : Palynology of the lowland Seberang Prai and Kuala Kurau areas [Kamaludin bin Hassan, 1988, 1989a]
 - Southeast Asia : Tertiary stratigraphic palynology in Southeast Asia [Morley, R.J., 1991]
- Panching** *see under* Pahang
- Pancing Limestone**
 - diagenesis : Diagenesis and chertification of the Carboniferous Pancing Limestone [Azhar Haji Hussin, 1992c]
- Papua New Guinea**
 - chromite ores : Chromite deposits of Papua New Guinea [Afenya, P.M., 1984, 1986]
 - exploration : The changing exploration scene in Australia [Beddoes, L.R.Jr., 1973]
 - geology : Geology, energy resources and metallogenesis of Papua New Guinea [Rogerson, R. *et al.*, 1986]
 - intrusives : Age, petrology and mineralization associated with two Neogene intrusive types [Rogerson, R. & Williamson, A., 1984, 1986]
 - Neogene : Neogene stratigraphy, sedimentation and petroleum potential of the Oiapu-Yule Island-Oroi Region [Francis, G. *et al.*, 1984, 1986]
 - reservoir fluids : The application of Gas Ratios in Papua New Guinea [Daniels, M. & Duncan, N., 1990]
 - seismic survey : On-board processing/interpretation [Gale, L. *et al.*, 1993]
 - tectonics : Principal tectonic element of Eastern New Guinea [Manser, W., 1974]
- paragenesis**
 - copper ore : Selected copper-bearing skarns and epizonal granitic intrusion in the southwestern United States [Theodore, T.G., 1977]
 - tungsten ores : The search for tungsten deposits [Hosking, K.F.G., 1973a]
- Patani Metamorphics**
 - general : The terrane of the Patani Metamorphics [Khoo, T.T., 1980a, 1984a]
 - contact metamorphism : Contact metamorphism in the Patani Metamorphics Terrane [Khoo, T.T., 1984e]
- peat**
 - Kinta Valley : Characteristics of the stanniferous alluvium [Newell, R.A., 1971]
 - Sungai Way : Geological observations at the Seng Mines, Sungai Way [Stauffer, P.H., 1991]
- Pedawan Formation**
 - age : Pedawan Formation of the Penrissen area, Sarawak [Nuraiteng Tee Abdullah & Kushairi Hj. Abang, 1987]
 - mass flow deposits : Large-scale collapses of the late Jurassic-Cretaceous Pedawan Basin margin [Azhar Haji Hussin, 1991]
- pegmatite** *see under* igneous rocks
- Pelepah Kanan** *see under* Johor
- Penang** *see* Pulau Pinang
- Pengerang** *see under* Johor
- Peninsular Malaysia** *see* West Malaysia
- Penrissen** *see under* Sarawak
- Penyu basin**
 - faults : Pre-Tertiary structural patterns: implications for formation of the Malay and Penyu Basin [Khalid Ngah *et al.*, 1991]
 - geopressure : Abnormal pressure study in the Malay-Penyu Basin [Mohd. Shariff Kader, 1993]
 - hydrocarbons : Review of principal hydrocarbon-bearing basins around the South China Sea [Du Bois, E.P., 1980, 1985]
- Perak**
 - aggregates : Disintegration of road aggregates [Abdul Majid Sahat & Chow, W.S., 1990, 1991]
 - bournonite : An occurrence of bournonite in Perak [Hosking, K.F.G. & Yeap, E.B., 1973a]
 - conodonts : Carboniferous conodonts from Perak [Metcalf, I., 1979]
 - : A late Wolfcampian conodont fauna from Perak [Metcalf, I., 1981b]
 - limestone : Assessment of the quality and quantity of some limestone resources [Cheang, K.K., 1990]
 - paleogeography : Sedimentary environments and paleogeography of the Holocene [Bosch, J.H.A., 1984]

Perak — Batu Gajah

- conodonts : Devonian conodonts from Batu Gajah [Metcalf, I., 1983b]

Perak — Bidor

- kaolin deposits : Geology of the kaolin deposits and their exploitation in the Bidor-Tapah area [Aw, P.C., 1984b]
- : Geology and exploitation of kaolin deposits in the Bidor area [Aw, P.C., 1986]
- illite : Processing of illite powder in Bidor (Fan, C.M. & Aw, P.C., 1988, 1989)

Perak — Bujang Melaka

- tin : Behaviour of tin and associated elements in a mountain stream [Fletcher, W.K. *et al.*, 1984, 1986]
- granites : The method of fluid inclusion study and its application to the Bujang Melaka pluton [Schwartz, M., 1987]
- : K-Ar mica dates for granites from the Bujang Melaka area [Kwan, T.S., 1988, 1989a]

Perak — Chenderiang

- corundum : Sapphires from Chenderiang [Murthy, K.N., 1979]
- jamesonite : Association of jamesonite with other sulphides at Chenderiang [Hosking, K.F.G. and Yeap, E.B., 1971b]

Perak — Grik

- geology : Geology of the Grik-Lawin area [Sia, S.G. & Teh, G.H., 1990]
- shear fractures : Evidence for east-tilt of the Bintang granitoid near Grik [Tjia, H.D. & Syed Sheikh Almashoor, 1986]
- slope failures : Slope failures along the East West Highway [Abdul Ghani Rafek, & Ibrahim Komoo, 1987, 1989]

Perak — Ipoh

- absolute age : Age of cassiterite mineralization near Wing Sang Cheong tin mine [Yap F.L. & Kwan, T.S., 1984]
- engineering geology : Subsurface geology of Ipoh [Tan Boon Kong, 1989a]
- granitic soil : The engineering properties of granitic soil material, Ipoh-Changkat Jering expressway [Ong, C.Y. *et al.*, 1990; Ong, C.Y., 1991]
- mining : Wing Sang Cheong tin mine — a case study of mining and quarrying on the same site [Aw, P.C., 1983]
- tin mineralization : Tin mineralization along a new road cutting in the Wing Sang Cheong tin mine [Aw, P.C., 1984a]

Perak — Kampar

- alluvium : Characteristics of the stanniferous alluvium [Newell, R.A., 1971]
- stratigraphy : Upper Palaeozoic stratigraphy of the west of Kampar [Suntharalingam, T., 1968a]

Perak — Keledang Range

- fractures : Joint pattern and faulting in Kinta [Gobbett, D.J., 1971]

Perak — Keramat Pulai

- sepiolite : Sepiolite from Kramat Pulai [Aw, P.C., 1990a]

Perak — Keroh

- Semanggol Formation : Discovery of rocks of the Semanggol Formation in the Malaysia-Thai [Zahir Yahya & Teh, G.H., 1993]

- Tertiary deposit : The Nenering Tertiary deposit [Teh, G.H. & Sia, S.G., 1991; Teh, G.H., 1992]

- : The Tertiary basin in Felda Nenering, Pengkalan Hulu [Ibrahim Abdullah *et al.*, 1991]

- : The Nenering Sequence: Sedimentology, stratigraphy and probable basin initiation [Ahmad Jantan *et al.*, 1993]

Perak — Kinta Valley

- alluvium : Characteristics of the stanniferous alluvium [Newell, R.A., 1971]

- : Evidence for the non-marine origin of the tin-bearing alluvium in the north Kinta Valley [Sivam, S.P., 1971b]

- carbon-14 dating : Radiocarbon dates in the Kinta Valley [Sivam, S.P. 1968]

- fractures : Joint pattern and faulting in Kinta [Gobbett, D.J., 1971]

- geology : The Kinta tinfield, Malaysia [Rajah, S.S., 1979]

- gravity survey : Gravity survey for tin bearing geological structures in the Pusing area [Loke, M.H. *et al.*, 1982]

- tailing : Mineralogy, bulk composition and trace heavy metal content of some tailing slime [Siti Faridah Yusup *et al.*, 1992]

- tin exploration : Tin distribution over granitic rocks in the Kinta Hills area, Perak [Choy, K.W., 1977]

- : Some problems of reflection seismics for tin exploration in Kinta Valley [Singh, S. & Yusuff Mahamad, 1984]

- tin mineralization : Loci of primary tin mineralization in the Kinta Valley [Aw, P.C., 1982a]

- tin slurry : Physical and chemical characterization of the slimes in Malaysian tin slurry ponds (Yeap, E.B. *et al.*, 1991)

Perak — Klian Intan

- tin mineralization : Structure-controlled mineralization and pegmatitic tin ores in Rahman Hydraulic Tin Bhd. mine [Nizarul Ikram Abdul Rahim & Teh, G.H., 1993]

Perak — Kota Tampan

- Paleolithic workshop : A Late Pleistocene palaeolithic workshop on the shore of palaeo-Cenderoh Lake [Tjia, H.D., 1993a]

Perak — Kuala Dipang

- granites : The localised occurrence of hornblende in granite from the J.K.R. Quarry, Kuala Dipang [Singh, D.S. & Yong, S.K., 1982]

Perak — Kuala Kangsar

- volcanic ash : Volcanic ash beds at Kampong Temong, Kuala Kangsar [Basir Jasin *et al.*, 1987a]

Perak — Lawin

- Lawin basin : The depositional setting of the Lawin Basin deposits [Syed Sheikh Almashoor & Mat Arifin Ismail, 1987]

Perak — Lumut

- granites : Petrology and geochemistry of the granitoids of the Lumut-Sengari-Pantai Remis area [Norzaini Karim & Teh, G.H., 1993]

Perak — Menglembu

- tin mineralization : Primary tin mineralization of the Menglembu area [Cheong, K.W. & Yeap, E.B., 1990]

Perak — Pantai Remis

- tectonics : Quaternary deposits at Pantai Remis [Mazlan Hj. Madon *et al.*, 1991]

Perak — Pulau Jarak

- granites : Note on the geology of the granite island [Haile, N.S. & Sivam, S.P., 1972]

Perak — Pulau Kalumpang

- artifacts : Natural and synthetic gem and rock artifacts [Abdul Rahim Hj. Samsudin & Tan, T.H., 1990, 1991]
- prehistoric settlements : Quaternary geological investigation at Pulau Kelumpang archeological site [Kamaludin bin Hassan, 1991]

Perak — Simpang Pulai

- dolomitization : Dolomitisation of the limestone in the Simpang Pulai area [Ong, W.S., 1978]

Perak — Sungai Piah

- engineering geology : Engineering geology of Sungai Piah hydro-electric project [Saim Suratman, 1984, 1986a]

Perak — Taiping

- Quaternary : Quaternary stratigraphy and prospects for placer tin in the Taiping-Lumut area [Suntharalingam, T., 1984a]

Perak — Tanjong Rambutan

- tin ores : Tin mineralization patterns at Perlombongan Maju Hin Lee, Tanjong Rambutan [Liau, B.L., 1991]

Perak — Tanjung Tualang

- stannite : Stannite, kobellite(?), bravoite, etc., from Tanjung Tualang [Hosking, K.F.G. & Leow, J.H., 1972]

Perak — Tekka

- geochemical exploration : Geochemical studies around the Tekka area [Teh, G.H., 1979a]
- mineralization : Aspects of the mineralogy of the NE-SW trending veins at Tekka [Leow, J.H. *et al.*, 1969]
- sphalerite : Curious inclusions, essentially of sphalerite, in stannite from Tekka [Hosking, K.F.G., 1970b]
- tin deposit : The Tekka tin deposit [Teh, G.H., 1981]

Perak — Tronoh

- marcasite : Marcasite spherules from the Ban Seng Lee Mine [Hosking, K.F.G. & Yeap, E.B., 1973b]

Perlis

- gypsum : Indications of gypsum in Northern Peninsular Malaysia [Tan, T.H., 1991]
- hydrology : Groundwater hydrology in Kedah-Perlis [Daud Mohamad *et al.*, 1987]

Perlis — Bukit Bintang

- Setul Limestones : Cyclic stromatolitic sequences in the Setul Limestone [Nuraiteng Tee Abdullah, 1992a]

Perlis — Bukit Temiang

- Chuping Formation : Sedimentology of the 'Passage Beds' of the Chuping Formation in Bt. Temiang [Ann Yasmin Nordin, 1987]

Perlis — Kaki Bukit

- conodonts : Ordovician conodonts from the Kaki Bukit area [Metcalf, I., 1980]

Perlis — Wang Kelian

- redbeds : The Wang Kelian Redbeds, a possible extension of the Unnamed Devonian Unit into Perlis? [Lee C.P. & Azhar Hj. Hussin, 1991]

Permian

- algal flora : Some Permian calcareous algae from Vietnam, Cambodia and Laos [Nguyen, L.T., 1972]
- brachiopods : Upper Permian brachiopods from Merapoh area [Mohd. Shafeea Leman, 1992]
- : Permian brachiopods in north Hutan Lipur Terengganu [Mohd. Shafeea Leman, 1991]
- conodonts : Permian and Early Triassic conodonts from Northwest Peninsular Malaysia [Metcalf, I., 1981a]
- : A late Wolfcampian conodont fauna from Perak [Metcalf, I., 1981b]
- : Lower Permian conodonts from the Terbat Formation, Sarawak [Metcalf, I., 1985]
- : Permian conodonts from the Raub Gold Mine, Pahang [Metcalf, I., 1993]
- correlation : On the Carboniferous and Permian biostratigraphical correlation of Malaya [Sarkar, S.S., 1972b]
- foraminifers : Significance of *Monodiexodina* (Fusulinacea) in the geology of Peninsular Malaysia [Basir Jasin, 1990, 1991a]
- : The occurrence of Upper Permian foraminifers in Northwest Pahang [Nuraiteng Tee Abdullah, 1993]
- Johor : Permian rocks in west and northwest Johor [Wahid Abdul Rahman, 1987]
- Kampar : Upper Palaeozoic stratigraphy of the west of Kampar [Suntharalingam, T., 1968a]
- limestone : Limestone occurrences in Johore [Rajah, S.S., 1970]
- Pahang : An Upper Permian fossil assemblage from Gunung Sinyum and Gunung Jebak Puyoh limestone [Idris, M.B. & Hashim, C.N., 1988]
- : Permian fauna and volcanic activity in the Padang Tengku area [Mohd. Shafeea Leman, 1993]
- pebbly mudstone : Permian glacial deposits at Salak Tinggi [Tjia, H.D. & Anizan Isahak, 1987]
- Southeast Asia : Carboniferous and Permian correlation in Southeast Asia [Gobbett, D.J., 1972b, 1973a]
- : Permian brachiopod correlations for South-east Asia [Waterhouse, J.B., 1972, 1973]
- Sumatra : Discovery of Lower Permian corals in Sumatra [Fontaine, H., 1984, 1986]
- : Facies and stratigraphy of the Lower-Lower Middle Permian strata of the Petchabun fold-belt [Winkel, R. *et al.*, 1983]
- : Upper Permian and Lower Triassic sequence in Northern Thailand [Chonglakmani, C., 1984]

- West Malaysia : The Permian System in Malaya [Gobbett, D.J., 1968a]
- petroleum** *see also* hydrocarbon *under* organic materials
- accumulation : Gaint oil accumulations and their areal concentration efficiency [Magara, K., 1992, 1993]
- basin stratigraphy : The Tertiary megasequence stratigraphy of the South China Sea petroleum basins [Lodge, A.G., 1992]
- geochemistry : Recent development in petroleum geochemistry [Waples, D.W., 1991]
- : Petroleum generation in the West Acheh Basin, Sumatra [Hadiyanto, 1992]
- indicators : Tinggi field – analyzing the DHIs [Harun Mohd. Noor, 1985, 1987]
- measurement units : Units of measurement in petroleum geoscience [Haile, N.S., 1990, 1991a]
- occurrence : Review of principal hydrocarbon-bearing basins around the South China Sea [Du Bois, E.P., 1980, 1985]
- : Baram delta geology and hydrocarbon occurrence [Rijk, E.H.J., 1980, 1981]
- prospects : Geology and petroleum possibilities of Andaman Island [Chandra, P.K., 1972]
- : Geology and petroleum prospects of Ritchie's Archipelago, Andaman Island [Gadkari, S.D., 1972]
- : Neogene stratigraphy, sedimentation and petroleum potential of the Oiapu-Yule Island-Oroi Region [Francis, G. *et al.*, 1984, 1986]
- : The hydrocarbon potential and tectonics of Indochina [Hayashi, M., 1988, 1989]
- : Structural framework and hydrocarbon potential of the Southern Sandakan Basin [Walker, T.R. *et al.*, 1992a]
- reserves estimation : Estimating reserve in thinly-laminated sands with the help of petrographic image analysis [Kennaird, T. *et al.*, 1988, 1989]
- : Reservoir description : a synergistic approach to more accurate determination of oil and gas reserves [Bowen, D.G. *et al.*, 1989, 1990]
- reservoir : Seismic hydrocarbon reservoir prediction [Buttkus, B., 1984a, 1985]
- reservoir evaluation : An integrated approach to reservoir petrophysical parameters evaluation [Poggiagliolmi, E. & Lowden, D., 1990, 1991]
- tectonic settings : Evolution of the island arc and marginal basins of the Western Pacific [Flavey, D.A., 1992]
- : Plate tectonics and petroleum habitat [Howell, D.G., 1992]
- : Plate tectonics and petroleum basins [Howell, D.G., 1993]
- Thailand : Review of principal hydrocarbon-bearing basins around the South China Sea [Du Bois, E.P., 1980, 1985]
- traps : Effect of basement on the location of petroleum accumulations in West Malaysia [Nik Ramli Nik Hassan, 1988]
- petroleum exploration**
- automated data processing : Computer applications in petroleum exploration [Remfry, J.F. & Noridah Ibrahim, 1980]
- Cambodia : Exploration history and hydrocarbon potential of Cambodia and Laos [Blanche, J.B., 1991; Blanche, J.B. & Blanche, J.D., 1992]
- carbonate diagenesis : The role of carbonate diagenesis in exploration and production from Devonian pinnacle reefs [Watts, N.R., 1988]
- East Malaysia : Exploration in East Malaysia over the past decade [Scherer, F.C., 1979]
- Indonesia : Tarakan Basin, NE Kalimantan : Exploration and future hydrocarbon potential [Wight, A.W.R. *et al.*, 1992, 1993]
- Laos : Exploration history and hydrocarbon potential of Cambodia and Laos [Blanche, J.B., 1991; Blanche, J.B. & Blanche, J.D., 1992]
- modelling : PVT-modelling as a predictive tool in hydrocarbon exploration [Heum, O.R. *et al.*, 1988]
- navigation : Quality control of navigation [James, M., 1981]
- Pacific Basin : New targets for oil and gas exploration in Fiji, Solomon Islands and Vanuatu [Rodd, J.A., 1992, 1993]
- positioning system : Hyper-Fix — a shore based radio positioning fixing system [Shepperd, R.F., 1983]
- seismic method : 3-D seismic benefits from exploration through development [Johnson, M.G., 1992]
- petroleum resources**
- assessment : Assessment of undiscovered conventionally recoverable petroleum resources in Tertiary sedimentary basins of Malaysia and Brunei [Robinson, K., 1985]
- : World petroleum resources - where, why, and how much [Masters, C.D., 1992, 1993]
- estimation : Offshore hydrocarbon resources potential in Tertiary sedimentary basins [Robinson, K., 1992]
- Philippine Sea**
- geotraverse : The Philippine Sea geotraverse [Rodnikov, A.G., 1992]
- Philippines**
- Batangas Basin : West Batangas Basin - untested depocenter in Philippines South China Sea [Reyes Jr., R.A., 1992]
- Cuyo Archipelago : Note on the Cuyo Archipelago, Sulu Sea [Fontaine, H. *et al.*, 1987]
- Palawan : Late Tertiary geologic history of the continental shelf off Northwestern Palawan [Tamesis, E.V. *et al.*, 1973]
- : Oil, geology, and changing concepts in the Southwest Philippines [Durkee, E.F., 1992, 1993]
- Negros : Observations on the geology of the porphyry copper sub-province of southwest Negros [Burton, C.K., 1982, 1983]
- North Palawan Block : The stratigraphic and tectonic relationship of Reed Bank, North Palawan and Mindoro to the Asian mainland [Holloway, N.H., 1980]
- : The North Palawan Block, Philippines : its relation to the Asian Mainland [Holloway, N.H., 1981]
- seismic survey : Marine seismic and sniffer survey in four Philippine offshore sedimentary basins [Lee,

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- geology : Southern Sandakan sub-basin - 7th oil province for Borneo [Walker, T.R. *et al.*, 1992b]
 - sequence stratigraphy : Sequence stratigraphy of Sandakan Basin [Wong, R.H.F., 1992, 1993]
 - tectonics : Structural framework and hydrocarbon potential of the Southern Sandakan Basin [Walker, T.R. *et al.*, 1992a]
- Sabah** — Saracen Bank
- seismic surveys : Shallow marine seismic survey over Saracen Bank [Lau, E.M.C. *et al.*, 1990, 1991]
- Sabah** — Segama Valley
- Chert-Spilite Formation : New ages from radiolarian cherts of the Chert-Spilite Formation [Leong, K.M., 1975, 1977]
 - peridotite-gabbro : Peridotite-gabbro problems [Leong, K.M., 1971]
- Sabah** — Semporna
- faults : Young faults across the Quaternary Lucia-Magdalena volcanic complex [Che Aziz Ali *et al.*, 1990]
- : Geology of Taman Bukit Tawau [Tjia, H.D. *et al.*, 1992]
- geomorphology : Geomorphology and biological erosion of limestone coasts [Hodgkin, E.P., 1970]
 - geothermal energy : Geothermal potential of the Sungai Jepun area [Sahat Sadikun *et al.*, 1990]
- : Geothermal prospecting in the Semporna Peninsula [Lim P.S. *et al.*, 1990, 1992]
- gold deposits : Volcanic-hosted epithermal gold mineralization in the Nagos and Mantri areas [Yan, A.S.W., 1991]
- Sabah** — St. Joseph field
- structures : Structural and stratigraphic configuration of the late Miocene reservoirs in the St. Joseph field [Johnson, H.D. *et al.*, 1989]
- Sabah** — Tawau
- dam : Investigation for the Tawau Dam [Tan Boon Kong, 1992b]
 - rock mechanics: Point load strength of a porphyritic hypersthene microdiorite from the Tawau area, Sabah, East Malaysia [Raj, J.K., 1993b]
- Sabah** — Tembungo field
- sedimentary environments : Sedimentary facies and clay minerals study of the Upper Miocene strata of the Tembungo Field [Ho, C.K., 1991b]
 - seismic survey : Interpretation of seismic attributes in detecting fluid contacts [Izman Hamid & Idrus Mohd Shuhud, 1993]
 - seismostratigraphy : Seismo-stratigraphy of the Miocene turbidites in the Tembungo Field [Ismail Che Mat Zin, 1991]
- : Regional seismostratigraphic study of the Tembungo area [Ismail Che Mat Zin, 1992]
- source rock : Possible source for the Tembungo oils [Abdul Jalil Muhamad & Mohd. Jamaal Hoesni, 1991, 1992]
- Sabah** — Telupid
- Chert-Spilite Formation : Significance of radiolaria chert from the Chert Spilite Formation [Basir Jasin, 1991d, 1992a]
 - foraminifers : Some larger foraminifera and radiolaria from Telupid olistostrome [Basir Jasin, 1991b]
- Sabah** — Tuaran
- sedimentary structures : Sedimentary structures in Crocker Formation, Tamparuli area [Tajul Anuar Jamaluddin, 1987, 1989]
- Saracen Bank** *see under* Sabah
- Sarawak**
- carbonates : Facies variation in six carbonate bodies of North Sarawak [Azhar Haji Hussin, 1990c]
 - coals : Coal potential and exploration in Sarawak [Chen, S.P., 1984, 1986]
 - conodonts : Lower Permian conodonts from the Terbat Formation [Metcalf, I., 1985]
 - evolution : Some concepts on the geological evolution of Sarawak [Banda, R.M., 1991]
 - faults : The Mulu Shear Zone — A major structural feature of NW Borneo [Tate, R.B., 1991b, 1992a]
 - geology : Some puzzling questions about the Cretaceous-Cenozoic geology of west Borneo and the South China Sea [Haile, N.S., 1991b]
 - hydrocarbon exploration : Airborne geophysical survey as an aid to hydrocarbon exploration [Wee, E.S. & Lai, S.K., 1990]
 - hydrogeology : Hydrogeological activities in Peninsular Malaysia and Sarawak [Chong, F.S. & Tan, D.N.K., 1984, 1986]
 - Lambir Formation : The occurrence of Lambir Forma-

- tion in Ulu Bok Syncline [Lim, C.H. & Mohd. Shafeea Leman, 1992]
- Lower Cretaceous : The extension of Tethyan Lower Cretaceous to Sarawak [Sarkar, S.S., 1973a]
 - Lupar Line : Relationship of gabbro and pillow lava in the Lupar Formation [Haile, N.S. & Lam, S.K., 1991]
 - Nyalau Formation : Cyclicities in the Miocene Nyalau Formation [Azhar Hj. Hussin & Nuraiteng Tee Abdullah, 1984]
 - oil geochemistry : Geochemistry of selected crude oils from Sabah and Sarawak [Awang Sapawi Awang Jamil *et al.*, 1990, 1991]
 - paleocurrent : Paleocurrents in the Tertiary sedimentary deposits in western Sarawak [Tan, D.N.K., 1984a]
 - paleogeography : Palaeogeographic development of west Sarawak [Tan, D.N.K., 1984b, 1986]
 - : Miocene-Pliocene paleogeographic evolution of a tract of Sarawak offshore [Agostinelli, E. *et al.*, 1989, 1990]
 - palynostratigraphy : Palynostratigraphy in offshore Sarawak [Poumot, C. & Jaizan Hardi Mohamed Jaiz, 1988]
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 - : Complex transtensional structures and the hydrocarbon potential of the greater Sarawak Basin [Bird, D.J. *et al.*, 1993]
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 - seismic surveys : Some 3D seismic applications offshore Sarawak [Hoogenboom, R., 1987, 1988]
 - shark tooth : A Miocene shark tooth from Sarawak [Idris, M.B. & Ngab, D.S., 1986]
 - stratigraphy : Stratigraphic framework for oil exploration in Sarawak [Ho, K.F., 1977, 1978]
 - stratigraphic correlation : Cross-border correlation of geological formations in Sarawak and Kalimantan [Tate, R.B., 1990, 1991a]
 - Subis Limestone : Relative timing of hydrocarbon migration in the Miocene Subis Limestone [Azhar Hj. Hussin & Nuraiteng Tee Abdullah, 1989]
 - : The genesis and occurrence of mottled limestone in the Miocene Subis Limestone [Nuraiteng Tee Abdullah, 1992b]
 - tektites : Tektite found in Sarawak [Lam, S.K., 1983]
 - Tuang Formation : The oldest rock in Borneo : a note on the Tuang Formation [Tate, R.B. & Hon, V., 1991]
 - unconformity : The Tatau-Belaga Formations of North Central Sarawak [Ho, C.K., 1991a]
- Sarawak — Balingian Province**
- Bayan Field : Geological constraints in the development of the Bayan Field [Dundang, A.G. *et al.*, 1993]
 - coals : Petrology and geochemical analysis of coal from the South Mukah-Balingian Region [de Silva, S., 1986]
 - deformation : Tectonic styles of the Balingian Province [Swinburn, P.M., 1993]
 - hydrocarbons : Review of principal hydrocarbon-bearing basins around the South China Sea [Du Bois, E.P., 1980, 1985]
 - paleofacies : Sedimentary history and palaeofacies development of Upper Oligocene to Pleistocene deposits [Brolsma, M.J., 1981]
 - reservoir geology : The application of detailed reservoir geological studies in the D18 Field, Balingian Province [Almond, J. *et al.*, 1989, 1990]
 - sea level changes : Palaeobathymetrical changes in NW Sarawak during the Oligocene to Pliocene [Hageman, H., 1985, 1987]
 - sequence stratigraphy : Sequence stratigraphy of Tertiary sediments offshore Sarawak [Idris, M.B. & Ooi, C.M., 1992]
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 - : Application of sequence stratigraphic techniques on the non-marine sequences [Ismail Che Mat Zin & Jaafar Sipan, 1993]
 - tectonic origins : Tertiary basins of S.E. Asia [Hutchison, C.S., 1984a, 1986a]
 - Temana Field : Temana Jacket-W development [Buyak, T. *et al.*, 1991]
- Sarawak — Baram delta**
- Betty Field : Geological configuration of the Betty Field [Johnson, H.D. *et al.*, 1986]
 - : Sedimentology and reservoir geology of the Betty Field [Johnson, H.D. *et al.*, 1989]
 - hydrocarbons : Baram delta geology and hydrocarbon occurrence [Rijk, E.H.J., 1980, 1981]
 - : Review of principal hydrocarbon-bearing basins around the South China Sea [Du Bois, E.P., 1980, 1985]
 - remote sensing : Recent evolution of the Baram Delta from satellite imagery [Caline, B. and Huong, J., 1991, 1992]
 - seismic survey : The use of 3D seismic in Baram Delta Operations [ten Have, T. & Foo, W.Y., 1993]
 - tectonic origins : Tertiary basins of S.E. Asia [Hutchison, C.S., 1984a, 1986a]
 - transform faults : The tectonic significance of transform faults within the Greater Sarawak Basin [Posehn, G.A. *et al.*, 1992]
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- diagenesis : Diagenetic patterns in the mid-Tertiary Batu Gading limestones [Azhar Hj. Hussin, 1988a]
 - limestone : Some findings in the Batu Gading area [Chieng, Y.Y., 1992]
- Sarawak — Batu Kitang**
- mass flow deposits : Large-scale collapses of the late Jurassic-Cretaceous Pedawan Basin margin [Azhar Haji Hussin, 1991]
- Sarawak — Bau**
- Bau Limestone Formation : Jurassic-Cretaceous palaeogeography of the Jagoi-Serikin area [Ting C.S., 1991, 1992]

Sarawak — Bintulu

- sedimentology : Sedimentological and depositional facies changes in the Tatau-Bintulu area [Bait, B. & Asut, R., 1991]

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- carbonate buildups : Geophysical and geological aspects of the exploration of carbonate buildups [Lim, T.P. & Goh, L.S., 1981]
- : Geological architecture of the Miocene carbonate buildups (Caline, B. *et al.*, 1992)
- faults : Reactivated tectonic structural controls on the morphological development of the Central Luconia carbonates [Mohamad Yamin Ali & Amita Mohd Ali, 1993]
- gravimetry log : Borehole gravimetry survey in Central Luconia carbonate reservoirs. [Mah, K.G., 1993]
- hydrocarbons : Review of principal hydrocarbon-bearing basins around the South China Sea [Du Bois, E.P., 1980, 1985]
- paleofacies : Sedimentary history and palaeofacies development of Upper Oligocene to Pleistocene deposits [Broolsma, M.J., 1981]
- reef complex : Diagenesis and depositional environment of the F6 reef complex [Md. Nazri Ramli, 1982]
- sea level changes : Palaeobathymetrical changes in NW Sarawak during the Oligocene to Pliocene [Hageman, H., 1985, 1987]
- sedimentology : Sedimentology of Miocene carbonate buildups [Epting, M., 1978, 1980]
- sequence stratigraphy : Sequence stratigraphy of Tertiary sediments offshore Sarawak [Idris, M.B. & Ooi, C.M., 1992]
- tectonic origins : Tertiary basins of S.E. Asia [Hutchison, C.S., 1984a, 1986a]

Sarawak — Kota Samarahan

- hydrogeology : Hydrogeological investigation and design of rain water pond with catchment area at Lubok Punggor [Mohammed Hatta Abd. Karim, 1991]
- Quaternary : Quaternary geological mapping of the Kota Samarahan [Lam, S.K., 1990]

Sarawak — Lupar Valley

- chert : Lower Cretaceous age for the chert in the Lupar Valley [Tan, D.N.K., 1978]
- geology : The geology of Lupar Valley [Unya, A. & Lam, S.K., 1976]
- : Geological observations along new roadcuts in the Lupar Valley [Banda, R.M. & Jau, J.J., 1992]
- radiolarians : Some radiolaria from the chert block of Lubok Antu Mélange, Sarawak [Basir Jasin & Haile, N.S., 1993]
- tectonics : The Lubok Antu Mélange [Tan, D.N.K., 1982]

Sarawak — Merit-Pita Coalfield

- coals : Coal reserve estimation, Tembulan Block [Dorani bin Johari, 1988]
- : Petrography of coal from the Merit-Pita coalfield [Jau, J.J., 1992]
- electromagnetic survey : Mapping of coal seams by

VLF-Resistivity Electromagnetic Technique in Kupit-Silong area [Wan Zawawie bin Wan Akhir & Dorani bin Johari, 1991]

Sarawak — Miri

- tectonic uplift : Rate of tectonic uplift around Miri, Sarawak [Tjia, H.D. *et al.*, 1976]

Sarawak — Mukah

- Belaga Formation : The telogenetic formation of red bed [de Silva, S., 1988]
- coals : Petrology and geochemical analysis of coal from the South Mukah-Balingian Region [de Silva, S., 1986a]
- : Petrographical implications of the coal from the Mukah-Balingian area [de Silva, S., 1986d]
- hydrogeology : Hydrogeological survey in the Jebungan area, Mukah [Yusuf b. Bujang, 1988, 1989]
- sedimentary environment : The sedimentology of the 'Begrih-Liang' Formation [de Silva, S., 1987]
- stratigraphy : Stratigraphy of the South Mukah-Balingian Region [de Silva, S., 1986b]

Sarawak — Mulu

- Melinau Limestone : Sedimentological and paleontological aspects of Melinau Limestone [Uyop Said & Kamal Roslan Mohamed, 1992]

Sarawak — Niah

- Nyalau Formation : Sedimentary environment of the Nyalau Formation at Bukit Ancharang [Raja Abd. Halim Raja Muda & Mohd. Shafeea Leman, 1992]
- Subis Limestone : Lower Miocene depositional environments of Batu Niah area [Ponniah, J., 1976]
- : Some diagenetic aspects of the Subis Limestone [Nuraiteng Tee Abdullah, 1988]

Sarawak — Penrissen

- Pedawan Formation : Pedawan Formation of the Penrissen area [Nuraiteng Tee Abdullah & Kushairi Hj. Abang, 1987]

Sarawak — Pulau Brait

- hydrogeology : Some aspects of the hydrogeology of peat in Penibong [Yogeswaran, M., 1990]

Sarawak — Santubong

- weathering : A pseudofossil in the Kayan Sandstone at Santubong, Sarawak [Tjia, H.D., 1993c]

Sarawak — Sarikei

- ground water : Variation in some groundwater characteristics [Mohammed Hatta Abd. Karim, 1989, 1990]
- water wells : Construction of horizontal wells in Kampong Paloh [Among, H.L., 1988, 1989]

Sarawak — Silantek

- geology : The Silantek area: its geology and coal [Teng, M.K. & Teh, G.H., 1990]

Sarawak — Tatau

- sedimentology : Sedimentological and depositional facies changes in the Tatau-Bintulu area [Bait, B. & Asut, R., 1991]
- stratigraphy : Stratigraphic analysis of the Sungai Arip area [Ho, C.K., 1986]
- structural analysis : Superimposed deformations and vergence of lower Tertiary sediments [Tjia, H.D. & Borhan Sidi, 1985; Tjia, H.D. *et al.*, 1987]

Sarawak — Subis

- paleoenvironment : Paleoenvironment of the Subis-Ulu Niah area [Lim, H.G., 1986]

Sarikel see under Sarawak**sea level changes**

- Cenozoic basins : Tertiary basins of S.E. Asia [Hutchison, C.S., 1984a, 1986a]
- evidences : Geomorphology and biological erosion of limestone coasts [Hodgkin, E.P., 1970]
- : Quaternary changes in sea-level in the South China Sea [Biswas, B., 1972, 1973]
- : Occurrence of raised corals in Pulau Tioman [Khoo, T.T., 1974c]
- : Seismic evidences of relative changes of sea level in the Tertiary depositional sequences [Liu, C.H. & Pan, Y.S., 1983, 1985]
- Perak : Quaternary deposits at Pantai Remis [Mazlan Hj. Madon *et al.*, 1991]
- origins : Disparate Late Quaternary shorelines in Peninsular Malaysia [Tjia, H.D., 1986b]
- carbon-14 dating : Radiocarbon dates of Holocene emergence and submergence in the Tambelan and Bunguran Islands [Haile, N.S., 1970]
- Sarawak : Palaeobathymetrical changes in NW Sarawak during the Oligocene to Pliocene [Hageman, H., 1985, 1987]
- Singapore : The geology of the Republic of Singapore [Haile, N.S., 1977]
- Sundaland : Sunda-land bauxite : related to Late Cenozoic sea level? [Tjia, H.D., 1969]
- : Sunda-land bauxite and sea levels [Wilford, G.E., 1969]
- : The southward tilting of Sundaland: tectonic vs eustatic control on sedimentation [Mazlan Madon, 1990b]
- West Malaysia : The Holocene history of the West Coast of Peninsular Malaysia [Raj, J.K., 1992a]
- : Holocene sea-level changes in the Malay-Thai Peninsula [Tjia, H.D., 1992a]

Seberang Prai see under Pulau Pinang**sedimentary cycles**

- Baram delta : Baram delta geology and hydrocarbon occurrence [Rijk, E.H.J., 1980, 1981]
- offshore Sarawak : Stratigraphic framework for oil exploration in Sarawak [Ho, K.F., 1977, 1978]

sedimentary rocks — carbonate rocks

- algal mound : Sedimentology of the Gua Sai limestone, Kuala Lipis [Lim, H.G., 1987]
- algal-mud mound : An algal-mud mound in the Triassic limestone hill of Bukit Koding [Ann Yasmin Nordin, 1988]
- aquifers : The potential of limestone formations as important aquifer [Mohamad Ali Hasan *et al.*, 1990]
- Central Belt : Late Paleozoic and Triassic carbonate platform and basin sedimentation [Azhar Haji Hussin, 1990a]
- chemistry : Properties of carbonate rocks in Northern Thailand [Junhavant, S. *et al.*, 1984]
- correlation : The correlation and zonation of Tertiary shallow-water carbonate sediments in the Indo-West

Pacific region [Adams, C.G., 1972]

- depositional environments : Facies variation in six carbonate bodies of North Sarawak [Azhar Haji Hussin, 1990c]
 - diagenesis : Dolomitisation of the limestone in the Simpang Pulai area [Ong, W.S., 1978]
 - : Significance of stylolite development in hydrocarbon reservoir [Koepnick, R.B., 1988]
 - : The role of Carbonate diagenesis in exploration and production from Devonian pinnacle reefs [Watts, N.R., 1988]
 - : Dolomitisation, dedolomitisation and calcification in the Merapoh limestone [Azhar Haji Hussin, 1990b]
 - : Dolomitisation history of the Setul Limestone [Nuraiteng Tee Abdullah, 1990]
 - differentiation : Physical and chemical differentiation of West Malaysia limestone formations [Hutchison, C.S., 1968a]
 - distribution : Limestone occurrences in Johore [Rajah, S.S., 1970]
 - erosional features : Geomorphology and biological erosion of limestone coasts [Hodgkin, E.P., 1970]
 - genesis : The genesis and occurrence of mottled limestone in the Miocene Subis Limestone [Nuraiteng Tee Abdullah, 1992b]
 - Permo-Triassic : Sedimentology of some Permo-Triassic carbonates of Malaysia [Rao, P.C., 1984]
 - petrology : Physical and chemical differentiation of West Malaysia limestone formations [Hutchison, C.S., 1968a]
 - resources : Assessment of the quality and quantity of some limestone resources [Cheang, K.K., 1990]
 - sedimentology : Sedimentology of Miocene carbonate buildups, Central Luconia [Epting, M., 1978, 1980]
 - : Sedimentology of Upper Jurassic deposits in the Tembesi River area [Beauvis, L. *et al.*, 1988]
 - : A Triassic "reefal" limestone in the basement of the Malay Basin [Fontaine, H. *et al.*, 1990]
 - solution features : Cavities in limestone [Tan Bock Kang, 1984b]
 - stratigraphy : Upper Palaeozoic stratigraphy of the west of Kampar [Suntharalingam, T., 1968a]
 - : Stratigraphy and palaeontology of the Carboniferous sediments in the Panching area, Pahang [Metcalf, I. *et al.*, 1980]
 - tin deposits : Tin deposits and limestone [Hosking, K.F.G., 1970a]
 - uses : Uses and specifications of limestone [Ng, A.P., 1980]
- sedimentary rocks — chemically precipitated rocks**
- cherts : New ages from radiolarian cherts of the Chert Spilite Formation [Leong, K.M., 1975, 1977]
 - : Paleozoic redbeds and radiolarian chert [Haile, N.S. *et al.*, 1977]
 - : Lower Cretaceous age for the chert in the Lupar Valley [Tan, D.N.K., 1978]
 - : Significance of radiolaria chert from the Chert Spilite Formation [Basir Jasin, 1991d, 1992a]
 - evaporites : The evaporite deposits in Bannet Narong area [Yumuang, S. *et al.*, 1984, 1986]

- laterites : The genesis of laterised parent material [Allbrook, R.F., 1970]
- : Physiographic implications of laterite in West Malaysia [Eyles, R.J., 1970]
- : Quaternary changes in sea-level in the South China Sea [Biswas, B., 1972, 1973]
- : The exploration of the nickel laterite deposits in Irian Barat [Reynolds, C.D. *et al.*, 1972, 1973]
- : Geology of the aluminous laterites of West Kalimantan [Gunawan, R. & Valk, C.V.C., 1972]
- : A chromium-nickel laterite in Bukit Punggor, Melaka [Tan Bock Kang, 1982a]
- : Lateritic soils of Peninsular Malaysia [Paramanathan, S. & Tharmarajan, M., 1983]
- : On the Quaternary deposits of Thailand [Dheeradilok, P. & Kaewyana, W., 1986]
- : The chemistry of lateritic soils [Kronberg, B.I. *et al.*, 1986]
- phosphates : Texture and composition of cave rock phosphate [Aw, P.C., 1990b]
- sedimentary rocks** — clastic rocks
 - classification : The classification and nomenclature for porous clastic rocks [de Silva, S., 1986c]
 - clay mineralogy : Clay mineralogy in subsurface sandstones of Malaysia [Hill, A.J. *et al.*, 1991, 1992]
 - conglomerate : Petrology of some Malayan conglomerates [Stauffer, P.H., 1974b]
 - : Thick intraformational conglomerate horizon within the Semantan Formation [Metcalf, I. & Chakraborty, K.R., 1983]
 - : Bukit Keluang Formation: A proposed new stratigraphic unit and its sedimentology [Kamal Roslan Mohamed & Ibrahim Abdullah, 1993c]
 - heavy minerals : Sedimentological studies in the Teres-Pakau area [Ann Yasmin Nordin, 1986]
 - mudflow deposit : Bouldery mudflow deposit at Ranau [Leong Tin Kong, 1970]
 - mudstone : Chamositic and phosphatic ooids in the Terengganu Shale [Mazlan Hj. Madon, 1990a]
 - paleomagnetism : Reconnaissance paleomagnetic measurements on Triassic and Jurassic sedimentary rocks from Thailand [Barr, S.M. *et al.*, 1978]
 - pebbly mudstones : The Upper Palaeozoic pebbly rocks in Southern Thailand [Tantiwanit, W. *et al.*, 1983]
 - : Late Paleozoic glacial marine facies in Southeast Asia [Stauffer, P.H. & Lee, C.P., 1984, 1986]
 - : Permian glacial deposits at Salak Tinggi [Tjia, H.D. & Anizan Isahak, 1987]
 - redbeds : Paleozoic redbeds and radiolarian chert [Haile, N.S. *et al.*, 1977]
 - : Palaeomagnetic measurements on Upper Jurassic to Lower Cretaceous sedimentary rocks [Haile, N.S. & Khoo, H.P., 1980]
 - : Review of the continental Mesozoic stratigraphy of Thailand [Sattayarak, N., 1983]
 - : The telenetic formation of red bed [de Silva, S., 1988]
 - reservoir sandstones : Depositional controls of reservoir thickness and quality distribution in Upper Miocene shallow marine sandstone [Johnson, H.D. *et al.*, 1987]
 - : The application of detailed reservoir geological studies in the D18 Field, Balingian Province [Almond, J. *et al.*, 1989, 1990]
 - : Depositional environments, diagenesis, and porosity of reservoir sandstones in the Malong Field [Noor Azim Ibrahim & Mazlan Madon, 1988, 1990a]
 - : Petrographic and diagenetic studies of the reservoir sandstone of the Malay Basin [Chu, Y.S., 1991, 1992]
 - : Pore space reduction clays formed in deltaic and nearshore reservoirs [Nik ramli Nik Hassan, 1991]
 - serpentinite : Sabah serpentinite sandstone and conglomerate [Hutchison, C.S. & Surat, T., 1991]
 - turbidite : Sedimentological and mineralogical analysis of the turbidite sandstone of the Niigata basin [Tokuhashi, S., 1992, 1993]
 - volcanogenic : Stratigraphy and sedimentology of Middle Triassic rocks exposed near Lanchang [Metcalf, I. *et al.*, 1982]
- sedimentary structures**
 - cross bedding : Cross-bedding in sandstones of probably Carboniferous age in Tanjung Gelang [Stauffer, P.H., 1976a]
 - geodes : The wonderful properties ascribed to geodes [Hosking, K.F.G., 1982a]
 - graded bedding : Intrabed andalusite abundance variation as an indicator of graded beds [Chakraborty, K.R. & Metcalf, I., 1983]
 - interpretation : Characteristics of the stanniferous alluvium in the southern Kinta Valley [Newell, R.A., 1971]
 - : Paleocurrents in the Tertiary sedimentary deposits in western Sarawak [Tan, D.N.K., 1984a]
 - primary structures : Sedimentary structures in Crocker Formation, Tamparuli area [Tajul Anuar Jamaluddin, 1987, 1989]
 - slump structures : Slumping at the late Miocene shelf-edge offshore West Sabah [Levell, B. & Kasumajaya, A., 1984, 1985]
 - : Mud volcanoes and the origin of certain chaotic deposits in Sabah [McManus, J. & Tate, R.B., 1984, 1986]
- sedimentation** — environments
 - aeolian environment : On the Quaternary deposits of Thailand [Dheeradilok, P. & Kaewyana, W., 1986]
 - automated data processing : Computer-assisted interpretation of depositional palaeoenvironment based on foraminifera [Lesslar, P., 1985, 1987]
 - continental : Continental sedimentation in humid-tropical climates [Kreisa, R.D. *et al.*, 1993]
 - deltaic environment : Geology of the Bangkok Clay [Rau, J.L. & Nutalaya, P., 1983]
 - : Sedimentology and reservoir geology of the Betty field [Johnson, H.D. *et al.*, 1989]
 - : Preliminary study on the Pahang River Delta [Ahmad Jantan & Farshori, M.Z., 1993]
 - fluvial environment : Quaternary sediments at Sungei Besi [Mohammad Ayob, 1970]
 - : Characteristics of the stanniferous alluvium [Newell,

- R.A., 1971]
- : Sedimentology and paleodrainage of the Quaternary stanniferous "Subang Alluvium", Sungai Way [Tharmarajan, M., 1972]
 - : On the Quaternary deposits of Thailand [Dheeradilok, P. & Kaewyana, W., 1986]
 - : Oligocene to Early Miocene alluvial deltaic systems southeastern part of the Malay Basin [Nik Ramli Nik Hassan, 1986]
 - : Tertiary molasse deposition in the south-eastern Ulu Sebayau area [Singh, S.D., 1986]
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 - interpretation : Palynology as a tool in delineating tropical lowland depositional environments [Hillen, R., 1984, 1986]
 - lagoonal : Palaeoenvironment of the Subis-Ulu Niah area [Lim, H.G., 1986]
 - littoral : Zonal arrangement of pebble fabrics in a littoral environment [Tjia, H.D., 1983a]
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 - : Stratigraphy and sedimentology of Middle Triassic rocks exposed near Lanchang [Metcalf, I. *et al.*, 1982]
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 - models : Depositional model of the Croker Formation sedimentary sequence along Tandek-Samparita Road [Ahmad Jantan *et al.*, 1991]
 - reefs : Sedimentology of Miocene carbonate buildups, Central Luconia [Epting, M., 1978, 1980]
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 - Miocene : Slumping at the late Miocene shelf-edge offshore West Sabah [Levell, B. & Kasumajaya, A., 1984, 1985]
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 - tilting : The southward tilting of Sundaland: tectonic vs eustatic control on sedimentation [Mazlan Madon, 1990b]
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 - Sungei Ara Granite**
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 - Sungei Sedili** *see under* Johor
 - Sungei Siput, Pekan** *see under* Pahang
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 - event : Geologist featured on new Swiss bank note [Stauffer, P.H., 1979]
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 - Cu-Fe-Sn-S : The Cu-Fe-Sn-S system at 600°C [Teh, G.H., 1987]
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 - : Geology, mining and tailing characteristics of the Selinsing Gold Mine, Pahang [Pereira, J.J., 1993]
 - slime : Dispersion stability of the Singapore slime [Tan Boon Kong, 1986b]
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- contact : Nature of the contact between the Taku Schists and adjacent rocks [Khoo, T.T. & Lim, S.P., 1983]
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- Tanjung Balau** *see under* Johor
- Tanjung Gelang** *see under* Pahang
- Tanjung Kempit** *see under* Johor
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 - : Geology of the Tarutao Islands [Pungrassami, T., 1983b]
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- unconformity : The Tatau-Belaga Formations of North Central Sarawak [Ho, C.K., 1991a]
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- Borneo : The Northwest Borneo Geosyncline in its geotectonic setting [Haile, N.S., 1968a]
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- Tekka see under Perak**
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 - Johor : Tektite found on beach near Endau [Sia, H.K., 1978]
 - occurrences : Tektites from Burma [Gangadharam, E.V. & Stauffer, P.H., 1978]
 - Pahang : Tektites from the stanniferous placers of eastern Pahang [Hosking, K.F.G. & Stauffer, P.H., 1970]
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- tellurium**
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- Tembeling Formation**
- folds : Structural styles of the rocks of Tembeling Group in Tekai Valley [Ibrahim Abdullah *et al.*, 1991]
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- dolerites : K-Ar ages of some basic igneous rocks from Peninsular Malaysia and Thailand [Bignell, J.D. and Snelling, N.J., 1977]
- granites : Granite magmatism and tin-tungsten metallogenesis in the Kuantan-Dungun area [Schwartz, M.O. & Askury, A.K., 1990]
- igneous rocks : Igneous petrography and geochemistry of the Bukit Payoh-Penghulu Diman area [Uzaymee Mohd. Yusof, 1987]
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- tuff : Young volcanic deposits in Trengganu [Tjia, H.D., 1976d]

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- magnetic survey : Geomagnetic modelling of the Ajil-Wakaf Tapai gabbro body [Mazlan Abdullah & Ahmad Tajuddin Ibrahim, 1993]

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- fauna : A Carboniferous shallow marine fauna from Bukit Bucu, Batu Rakit [Idris, M.B. and Zaki, S.M., 1986]

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- conglomerates : Bukit Keluang Formation: A proposed new stratigraphic unit and its sedimentology [Kamal Roslan Mohamed & Ibrahim Abdullah, 1993c]

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- scheelite : Scheelite at Batu Tiga, Bukit Besi, Trengganu [Chong, N.H., 1971]

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- deformation : Multiple deformation at Bukit Cenering, Trengganu [Tjia, H.D., 1978a]

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- andalusite : Intrabed andalusite abundance variation as an indicator of graded beds [Chakraborty, K.R. & Metcalfe, I., 1983a]

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- engineering geology : Engineering geology of the Kenyir Damsite [Chow, W.S., 1979]

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- folds : Disharmonic folds at Tanjung Mat Amin [Tjia, H.D., 1982]

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- geology : Geology in the vicinity of Jongok Batu [Norul Ashikin Ab. Karim & Ahmad Tajuddin Ibrahim, 1993]

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