

Contents

CLIFT, P. D., HARFF, J., WU, J. & QIU, Y. Introduction to the River-Dominated Shelf Sediments of the East Asian Seas	1
--	---

Provenance proxies

CLIFT, P. D. Assessing effective provenance methods for fluvial sediment in the South China Sea	9
---	---

SHAO, L., QIAO, P., ZHAO, M., LI, Q., WU, M., PANG, X. & ZHANG, H. Depositional characteristics of the northern South China Sea in response to the evolution of the Pearl River	31
---	----

Chemical weathering

HU, D., CLIFT, P. D., WAN, S., BÖNING, P., HANNIGAN, R., HILLIER, S. & BLUSZTAJN, J. Testing chemical weathering proxies in Miocene–Recent fluvial-derived sediments in the South China Sea	45
---	----

CUI, Z., HOU, Y., XIA, Z., LIANG, K., XUE, Q. & ZHANG, L. Geochemical characteristics and palaeoenvironmental reconstruction of the sediments from the Gulf of Tonkin, South China Sea	73
--	----

Sea-level rise and sediment storage

NI, Y., HARFF, J., XIA, Z., WANIEK, J. J., ENDLER, M. & SCHULZ-BULL, D. E. Post-glacial mud depocentre in the southern Beibu Gulf: acoustic features and sedimentary environment evolution	87
--	----

CHEN, H., HARFF, J., QIU, Y., OSADCZUK, A., ZHANG, J., TOMCZAK, M., CUI, Z., CAI, G., WEN, M. & LI, L. Last Glacial Cycle and seismic stratigraphic sequences offshore western Hainan Island, NW South China Sea	99
--	----

ZONG, Y., HUANG, G., LI, X. Y. & SUN, Y. Y. Late Quaternary tectonics, sea-level change and lithostratigraphy along the northern coast of the South China Sea	123
---	-----

YANG, S., BI, L., LI, C., WANG, Z. & DOU, Y. Major sinks of the Changjiang (Yangtze River)-derived sediments in the East China Sea during the late Quaternary	137
---	-----

Shelf currents

WU, J., REN, J., LIU, H., QIU, C., CUI, Y. & ZHANG, Q. Trapping and escaping processes of Yangtze River-derived sediments to the East China Sea	153
---	-----

Anthropogenic impacts

JIA, P., XIA, Z., YIN, Y. & XUE, Q. Lingdingyang Bay, Pearl River Estuary (China): geomorphological evolution and hydrodynamics	171
---	-----

WANG, Y., LIU, X., LI, G. & ZHANG, W. Stratigraphic variations in the Diaokou lobe area of the Yellow River delta, China: implications for an evolutionary model of a delta lobe	185
--	-----

Environmental impacts

ZHOU, Y., CHEN, F., WU, C., YU, S. & ZHUANG, C. Palaeoproductivity linked to monsoon variability in the northern slope of the South China Sea from the last 290 kyr: evidence of benthic foraminifera from Core SH7B	197
ZHANG, J., TOMCZAK, M., LI, C., WITKOWSKI, A., QIU, Y., CHEN, H. & GAO, H. Significance of the <i>Paralia sulcata</i> fossil record in palaeoenvironmental reconstructions of the SE Asia marginal seas over the Last Glacial Cycle	211
GAO, S., WANG, D., YANG, Y., ZHOU, L., ZHAO, Y., GAO, W., HAN, Z., YU, Q. & LI, G. Holocene sedimentary systems on a broad continental shelf with abundant river input: process–product relationships	223
Index	261