

## Contents



2013, Volume 57, Number 4

With 98 figures and 17 tables and 2 appendices

### Research Articles

VÖTT, A., REICHERTER, K. & PAPANIKOLAOU, I.: Modern approaches and advances in palaeotsunami research .....	1
MATHES-SCHMIDT, M., SCHWARZBAUER, J., PAPANIKOLAOU, I., SYBERBERG, F., THIELE, A., WITTKOPP, F. & REICHERTER, K.: Geochemical and micropaleontological investigations of tsunamigenic layers along the Thracian Coast (Northern Aegean Sea, Greece) (with 10 figures and 4 tables) .....	5
KOSTER, B., HADLER, H., VÖTT, A. & REICHERTER, K.: Application of GPR for visualising spatial distribution and internal structures of tsunami deposits – Case studies from Spain and Greece (with 8 figures) .....	29
HOFFMEISTER, D., TILLY, N., CURDT, C., NTAGERETZIS, K., BARETH, G. & VÖTT, A.: Monitoring annual changes of the coastal sedimentary budget in western Greece by terrestrial laser scanning (with 8 figures, 1 table and 2 appendices) .....	47
RÖBKE, B.R., SCHÜTTRUMPF, H., WÖFFLER, T., FISCHER, P., HADLER, H., NTAGERETZIS, K., WILLERSHÄUSER, T. & VÖTT, A.: Tsunami inundation scenarios for the Gulf of Kyparissia (western Peloponnese, Greece) derived from numerical simulations and geoscientific field evidence (with 16 figures and 2 tables). ....	69
WILLERSHÄUSER, T., VÖTT, A., BRÜCKNER, H., BARETH, G., NELLE, O., NADEAU, M.-J., HADLER, H. & NTAGERETZIS, K.: Holocene tsunami landfalls along the shores of the inner Gulf of Argostoli (Cefalonia Island, Greece) (with 14 figures and 1 table) .....	105
HADLER, H., VÖTT, A., KOSTER, B., MATHES-SCHMIDT, M., MATTERN, T., NTAGERETZIS, K., REICHERTER, K. & WILLERSHÄUSER, T.: Multiple late-Holocene tsunami landfall in the eastern Gulf of Corinth recorded in the palaeotsunami geo-archive at Lechaion, harbour of ancient Corinth (Peloponnese, Greece) (with 10 figures and 2 tables) .....	139
SHAH-HOSSEINI, M., MORHANGE, C., DE MARCO, A., WANTE, J., ANTHONY, E.J., SABATIER, E., MASTRONUZZI, G., PIGNATELLI, C. & PISCITELLI, A.: Coastal boulders in Martigues, French Mediterranean: evidence for extreme storm waves during the Little Ice Age (with 9 figures and 3 tables) .....	181
MAY, S.M., PINT, A., RIXHON, G., KELLETAT, D., WENNICH, V. & BRÜCKNER, H.: Late Holocene coastal stratigraphy, coastal changes and potential palaeoseismological implications inferred from geoarchives in Central Chile (29–32 °S) (with 8 figures and 2 tables) .....	201
WARTENBERG, W., VÖTT, A., FREUND, H., HADLER, H., FRECHEN, M., WILLERSHÄUSER, T., SCHNAIDT, S., FISCHER, P. & OBROCKI, L.: Evidence of isochronic transgressive surfaces within the Jade Bay tidal flat area, southern German North Sea coast – Holocene event horizons of regional interest (with 10 figures and 1 table) .....	229

HOFFMANN, G., RUPPRECHTER, M., AL BALUSHI, N., GRÜTZNER, C. & REICHERTER, K.:  
The impact of the 1945 Makran tsunami along the coastlines of the Ara-  
bian Sea (Northern Indian Ocean) – a review (with 5 figures and 1 table)

257