

Contents

TAYMAZ, T., YILMAZ, Y. & DILEK, Y. The geodynamics of the Aegean and Anatolia: introduction	1
KATZIR, Y., GARFUNKEL, Z., AVIGAD, D. & MATTHEWS, A. The geodynamic evolution of the Alpine orogen in the Cyclades (Aegean Sea, Greece): insights from diverse origins and modes of emplacement of ultramafic rocks	17
MEHL, C., JOLIVET, L., LACOMBE, O., LABROUSSE, L. & RIMMELE, G. Structural evolution of Andros (Cyclades, Greece): a key to the behaviour of a (flat) detachment within an extending continental crust	41
PE-PIPER, G. & PIPER, D. J. W. Late Miocene igneous rocks of Samos: the role of tectonism in petrogenesis in the southeastern Aegean	75
PIPER, D. J. W., PE-PIPER, G., PERISSORATIS, C. & ANASTASAKIS, G. Distribution and chronology of submarine volcanic rocks around Santorini and their relationship to faulting	99
BONEV, N. & BECCALETTO, L. From syn- to post-orogenic Tertiary extension in the north Aegean region: constraints on the kinematics in the eastern Rhodope–Thrace, Bulgaria–Greece and the Biga Peninsula, NW Turkey	113
GEORGIEV, I., DIMITROV, D., BELIJASHKI, L., PASHOVA, L., SHANOV, S. & NIKOLOV, G. Geodetic constraints on kinematics of southwestern Bulgaria from GPS and levelling data	143
KARAGIANNI, E. E. & PAPAACHOS, C. B. Shear velocity structure in the Aegean region obtained by joint inversion of Rayleigh and Love waves	159
MEIER, T., BECKER, D., ENDRUN, B., RISCHE, M., BOHNHOFF, M., STÖCKHERT, B. & HARJES, H.-P. A model for the Hellenic subduction zone in the area of Crete based on seismological investigations	183
YOLSAL, S., TAYMAZ, T. & YALÇINER, A. C. Understanding tsunamis, potential source regions and tsunami-prone mechanisms in the Eastern Mediterranean	201
ERGIN, M., ULUADAM, E., SARIKAVAK, K., KESKİN, Ş., GÖKAŞAN, E. & TUR, H. Late Quaternary sedimentation and tectonics in the submarine Şarköy Canyon, western Marmara Sea (Turkey)	231
TAYMAZ, T., WRIGHT, T. J., YOLSAL, S., TAN, O., FIELDING, E. & SEYİTOĞLU, G. Source characteristics of the 6 June 2000 Orta–Çankırı (central Turkey) earthquake: a synthesis of seismological, geological and geodetic (InSAR) observations, and internal deformation of the Anatolian plate	259
GÜRSOY, H., MESCI, B. L., PIPER, J. D. A., TATAR, O. & DAVIES, C. J. The magnetism in tectonically controlled travertine as a palaeoseismological tool: examples from the Sıcak Çermik geothermal field, central Turkey	291
Index	307