

## Contents

JOSEPH, P. & LOMAS, S. A. Deep-water sedimentation in the Alpine Foreland Basin of SE France: new perspectives on the Grès d'Annot and related systems: an introduction	1
<b>Historical reviews</b>	
STANLEY, J.-D. Remembrance of things past: a hike along the Grès d'Annot research trail	17
BOUMA, A. H. & RAVENNE, C. The Bouma Sequence (1962) and the geological resurgence of interest in the French Maritime Alps (1980s): the influence of the Grès d'Annot in developing ideas of turbidite systems	27
<b>Geodynamical and structural evolution</b>	
FORD, M. & LICKORISH, H. Foreland basin evolution around the western Alpine Arc	39
APPS, G., PEEL, F. & ELLIOTT, T. The structural setting and palaeogeographic evolution of the Grès d'Annot Basin	65
EVANS, M. J., ELLIOTT, T., APPS, G. & MANGE-RAJETZKY, M. A. The Tertiary Grès de Ville of the Barrême Basin: feather edge equivalent to the Grès d'Annot?	97
<b>Chronostratigraphy, palaeogeography and sequence stratigraphy</b>	
CALLEC, Y. The turbidite fill of the Annot sub-basin (SE France): a sequence-stratigraphy approach	111
DU FORNEL, E., JOSEPH, P., DESAUBLIAUX, G., ESCHARD, R., GUILLOCHEAU, F., LERAT, O., MULLER, C., RAVENNE, C. & SZTRÁKOS, K. The southern Grès d'Annot outcrops (French Alps): an attempt at regional correlation	137
EUZEN, T., JOSEPH, P., DU FORNEL, E., LESUR, S., GRANJEON, D. & GUILLOCHEAU, F. Three-dimensional stratigraphic modelling of the Grès d'Annot system, Eocene–Oligocene, SE France	161
<b>High resolution sequence stratigraphy and depositional model</b>	
GUILLOCHEAU, F., QUEMENER, J. M., ROBIN, C., JOSEPH, P. & BROUCKE, O. Genetic units/parasequences of the Annot turbidite system, SE France	181
BROUCKE, O., GUILLOCHEAU, F., ROBIN, C., JOSEPH, P. & CALASSOU, S. The influence of syndepositional basin floor deformation on the geometry of turbiditic sandstones: a reinterpretation of the Côte de l'Âne area (Sanguinière–Restefonds sub-basin, Grès d'Annot, Late Eocene, France)	203
<b>Synsedimentary tectonics</b>	
LANSIGU, C. & BOUROLLEC, R. Staircase normal fault geometry in the Grès d'Annot (SE France)	223
BOUROLLEC, R., CARTWRIGHT, J. A., JOHNSON, H. D., LANSIGU, C., QUEMENER, J. M. & SAVANIER, D. Syndepositional faulting in the Grès d'Annot Formation, SE France: high-resolution kinematic analysis and stratigraphic response to growth faulting	241
TOMASSO, M. & SINCLAIR, H. D. Deep-water sedimentation on an evolving fault-block: the Braux and St Benoit outcrops of the Grès d'Annot	267
STANBROOK, D. A. & CLARK, J. D. The Marnes Brunes Inférieures in the Grand Coyer remnant: characteristics, structure and relationship to the Grès d'Annot	285
<b>Interaction between turbidity flows and basin-floor topography</b>	
MCCAFFREY, W. D. & KNELLER, B. C. Scale effects of non-uniformity on deposition from turbidity currents with reference to the Grès d'Annot of SE France	301

AMY, L. A., MCCAFFREY, W. D. & KNELLER, B. C. The influence of a lateral basin-slope on the depositional patterns of natural and experimental turbidity currents	311
LEE, S. E., AMY, L. A. & TALLING, P. J. The character and origin of thick base-of-slope sandstone units of the Peira Cava outlier, SE France	331
<b>Geochemical variability</b>	
GARCIA, D., JOSEPH, P., MARECHAL, B. & MOUTTE, J. Patterns of geochemical variability in relation to turbidite facies in the Grès d'Annot Formation	349
<b>Onlap architecture</b>	
PUIGDEFÀBREGAS, C., GJELBERG, J. & VAKSDAL, M. The Grès d'Annot in the Annot syncline: outer basin-margin onlap and associated soft-sediment deformation	367
SMITH, R. & JOSEPH, P. Onlap stratal architectures in the Grès d'Annot: geometrical models and controlling factors	389
<b>Seismic modelling</b>	
BOURGOIS, A., JOSEPH, P. & LECOMTE, J. C. Three-dimensional full wave seismic modelling versus one-dimensional convolution: the seismic appearance of the Grès d'Annot turbidite system	401
<b>Subsurface analogues</b>	
MORAES, M. A. S., BLASKOVSKI, P. R. & JOSEPH, P. The Grès d'Annot as an analogue for Brazilian Cretaceous sandstone reservoirs: comparing convergent to passive-margin confined turbidites	419
Index	439