

REFERENCE LIST

- Barrell, J. 1917. Rhythms and the measurements of geological time. *Geological Society of America Bulletin*, **28**, 745–904.
- Catuneanu, O. 2002. Sequence stratigraphy of clastic systems: concepts, merits, and pitfalls. *Journal of African Earth Sciences*, **35**, 1-43.
- Catuneanu, O., Abreu, V., Bhattacharya, J. P., Blum, M. D., Dalrymple, R. W., Eriksson, P. G., Fielding, C. R., Fisher, W. L., Galloway, W. E., Gibling, M. R., Giles, K. A., Holbrook, J. M., Jordan, R., Kendall, C. G. S. C., Macurda, B., Martinsen, O. J., Miall, A. D., Neal, J. E., Nummedal, D., Pomar, L., Posamentier, H. W., Pratt, B. R., Sarg, J. F., Shanley, K. W., Steel, R. J., Strasser, A., Tucker, M. E. & Winker, C. 2009. Towards the standardization of sequence stratigraphy. *Earth-Science Reviews*, **92**, 1-33.
- Catuneanu, O., Galloway, W. E., Kendall, C. G. S. t. C., Miall, A. D., Posamentier, H. W., Strasser, A. e. & Tucker, M. E. 2011. Sequence Stratigraphy: Methodology and Nomenclature. *Newletters on Stratigraphy*, **44**, 173–245.
- de Groot, P. F. M., Huck, A., de Bruin, G., Hemstra, N. & Bedford, J. 2010. The horizon cube: A step change in seismic interpretation! *The Leading Edge*, **29**, 1048-1055.
- Doyle, P., Bennett, M. R. & Baxter, A. N. 1994. *The key to earth history: an introduction to stratigraphy*. Wiley-Blackwell.
- Embry, A. F. 2009. Practical Sequence Stratigraphy. *Canadian Society of Petroleum Geologists*, 70pp.
- Emery, D. & Myers, K. 1996. *Sequence stratigraphy*. Blackwell Science, Cambridge; Oxford, 297pp, ISBN 0632037067.
- Ghazi, S. A. 1992. Cenozoic uplift in the Stord Basin area and its consequences for exploration. *NORSK GEOLOGISK TIDSSKRIFT*, **72**, 285-290.
- Grabau, A. W. 1906. Types of sedimentary overlap. *Geological Society of America Bulletin*, **17**, 567-636.
- Hedberg, H. D. 1951. Nature of time-stratigraphic units and geologic time units. *American Association of Petroleum Geologists Bulletin*, **76**, Report of Activities:191–193.
- Henriksen, S., Hampson, G. J., Helland-Hansen, W., Johannessen, E. P. & Steel, R. J. 2009. Shelf edge and shoreline trajectories, a dynamic approach to stratigraphic analysis. *Basin Research*, **21**, 445-453.
- Hunt, D. & Tucker, M. E. 1992. Stranded parasequences and the forced regressive wedge systems tract: deposition during base-level fall. *Sedimentary Geology*, **81**, 1 - 9.
- Jansen, H. & Gervais, E. 1997. *Biostratigraphy of Wintershall's B17-06 Well*. Report# JG97039.
- Jansen, H. & Gervais, E. 1999. *Biostratigraphy of Wintershall's A15-3 Well*. Report# JG99094.
- Jordt, H., Faleide, J. I., Bjørlykke, K. & Ibrahim, M. T. 1995. Cenozoic sequence stratigraphy of the central and northern North Sea Basin: tectonic development, sediment distribution and provenance areas. *Marine and Petroleum Geology*, **12**, 845-879.

Oil and Gas Journal - volume-111/issue-10

A modern approach to build 3D sequence stratigraphic framework, Qayyum, F., Hemstra, N., and Singh, R., dGB Earth Sciences

Keskes, N., Guillon, S., Donias, M., Baylou, P. & Pauget, F. 2004. *Method of chrono-stratigraphic interpretation of a seismic cross section or block.* US Patent# CA2344785 A1, Elf, Exploration Production (FR), United States.

Koutsoukos, E. M. 2005. Stratigraphy: Evolution of a Concept. In: Koutsoukos, E. M. (ed. *Applied Stratigraphy*). Springer, The Netherlands, **23**, 3-19.

Krumbein, W. C., Sloss, L. L. & Dapples, E. C. 1949. Sedimentary Tectonics and Sedimentary Environments. *Bulletin of Amercian Association of Petroleum Geologists*, **33**, 1859 - 1891.

Kuhlmann, G., Langereis, C. G., Munsterman, D., van Leeuwen, R.-J., Verreussel, R., Meulenkamp, J. E. & Wong, T., E. 2006. Integrated chronostratigraphy of the Pliocene-Pleistocene interval and its relation to the regional stratigraphical stages in the southern North Sea region. *Netherlands Journal of Geosciences*, **85**, 19-35.

Lacaze, S., Pauget, F., Lopez, M. & Gay, A. 2011. Seismic Stratigraphic Interpretation from a Geological Model – A North Sea Case Study. *81st International Annual Meeting*. San Antonio: Society of Exploration Geophysics (SEG).

Ligtenberg, H., de Bruin, G. & Hemstra, N. 2006. Sequence Stratigraphic Interpretation in the Wheeler Transformed (Flattened) Seismic Domain. *68th EAGE Conference & Exhibition*. Vienna.

Lomask, J. 2003. Flattening 3-D seismic cubes without picking. *73rd Annual International Meeting*. Dallas, Texas: Society of Exploration Geophysics (SEG).

Lomask, J. & Guitton, A. 2007. Volumetric flattening: an interpretation tool. *The Leading Edge*, **26**, 888-897.

Miall, A. D. 2010. *The geology of stratigraphic sequences*. Springer Verlag. City World Wide Web Address, 526pp.

Mitchum, J. & Vail, P. R. 1977. Seismic stratigraphy and global changes of sea-level, part 7: stratigraphic interpretation of seismic reflection patterns in depositional sequences. . In: Payton, C. E. (ed. *M26: Seismic Stratigraphy — Applications to Hydrocarbon Exploration*. American Association of Petroleum Geologists, Tulsa, Oklahoma, U.S.A, 205-212.

Nordlund, U. & Griffiths, C. M. 1992. An example of the practical use of chronosomes in Quantitative Stratigraphy. *Geoinformatics*, **4**, 313-325.

Payton, C. E. (ed.) 1977. *Seismic Stratigraphy: Applications to hydrocarbon exploration*. ed.). American Association of Petroleum Geologists, Tulsa, Oklahoma, U.S.A.

Posamentier, H. W. & Allen, G. P. 1999. *Siliciclastic sequence stratigraphy: concepts and applications*. **82** Concepts in Sedimentology and Paleontology, 7. SEPM.

Qayyum, F. 2008. *Reservoir characterization using sequence stratigraphic tools*. M.Phil. thesis, Quaid-i-Azam University, Islamabad, Pakistan.

Qayyum, F., Akhter, G. & Ahmad, Z. 2008. Logical Expressions a basic tool in Reservoir Characterization. *Oil and Gas Journal*, **106**, 33-42.

Qayyum, F., de Groot, P. F. M. & Hemstra, N. 2012a. From 2D to 4D Wheeler diagrams. *Strata and Time - Probing the gaps in our understanding*, William Smith Meeting, London, UK The Geological Society.

Oil and Gas Journal - volume-111/issue-10

A modern approach to build 3D sequence stratigraphic framework, Qayyum, F., Hemstra, N., and Singh, R., dGB Earth Sciences

Qayyum, F., de Groot, P. F. M. & Hemstra, N. 2012b. Using 3D Wheeler diagrams in seismic interpretation – the HorizonCube method. *First Break*, **30**, 103-109.

Schenck, H. G. & Muller, S. W. 1941. Stratigraphic terminology. *Geological Society of America Bulletin*, **52**, 1419-1426.

Schroot, B. M. & Schüttenhelm, R. T. E. 2003. Expressions of shallow gas in the Netherlands North Sea. *Netherlands Journal of Geosciences*, **82**, 91-105.

Sloss, L. L. 1963. Sequences in the Cratonic Interior of North America. *Geological Society of America Bulletin*, **74**, 93-114.

Sloss, L. L., Krumbein, W. C. & Dapples, E. C. 1949. Integrated facies analysis. In: Longwell, C. R. (ed. *Sedimentary Facies in Geologic History, Memoir 39*. Geologic Society of America, **39**.

Stark, T. 2005. Generation of a 3D Seismic "Wheeler Diagram" From a High Resolution Age Volume. *75th International Annual Meeting*. Houston, Texas: Society of Exploration Geophysicists (SEG).

Stark, T., Zeng, H. & Jackson, A. 2013. An introduction to this special section: Chronostratigraphy. *The Leading Edge*, **32**, 132-138.

Stuart, J. Y. & Huuse, M. 2012. 3D seismic geomorphology of a large Plio-Pleistocene delta – 'Bright spots' and contourites in the Southern North Sea. *Marine and Petroleum Geology*, **38**, 143-157.

Vail, P. R. 1975. Eustatic cycles from seismic data for global stratigraphic analysis (abstract). *American Association of Petroleum Geologists Bulletin*, **59**, 2198-2199.

Walgreen, M., Calvete, D. & de Swart, H. E. 2002. Growth of large-scale bed forms due to storm-driven and tidal currents: a model approach. *Continental Shelf Research*, **22**, 2777-2793.

Westaway, R. 2002. Long-term river terrace sequences: Evidence for global increases in surface uplift rates in the Late Pliocene and early Middle Pleistocene caused by flow in the lower continental crust induced by surface processes. *Netherlands Journal of Geosciences*, **81**, 305-328.

Wheeler, H. E. 1958. Time-stratigraphy. *American Association of Petroleum Geologists Bulletin*, **42**, 1047-1063.

Wheeler, H. E. 1964. Baselevel, Lithosphere Surface, and Time-Stratigraphy. *Geological Society of America Bulletin*, **75**, 599-610.

Wheeler, H. E. & Maurice, B., E. 1948. Critique of the Time-Stratigraphic Concept. *Geological Society of America Bulletin*, **59**, 75-86.

Zeng, H., Backus, M. M., Barrow, K. T. & Tyler, N. 1998. Stratigraphic slicing, part I: realistic 3-D seismic model. *Geophysics*, **63**, 502–513.