

## Reference list Introductory Lecture F. Hilgen:

Barnet, J.S.K., Littler, K., Westerhold, T., Kroon, D., Leng, M.J., Bailey, I., Röhl, U., Zachos, J.C., 2019. A High-Fidelity Benthic Stable Isotope Record of Late Cretaceous–Early Eocene Climate Change and Carbon-Cycling. *Paleoceanography and Paleoclimatology* 34, 672–691. <https://doi.org/10.1029/2019PA003556>.

Bosmans, J.H.C., Drijfhout, S.S., Tuenter, E., Hilgen, F.J., Lourens, L.J., Rohling, E.J., 2015. Precession and obliquity forcing of the freshwater budget over the Mediterranean. *Quaternary Science Reviews* 123, 16–30. <http://dx.doi.org/10.1016/j.quascirev.2015.06.008>.

Dinarès-Turell, J., Martínez-Bracerás, N., Payros, A., 2018. High-Resolution Integrated Cyclostratigraphy From the Oyambre Section (Cantabria, N Iberian Peninsula): Constraints for Orbital Tuning and Correlation of Middle Eocene Atlantic Deep-Sea Records. *Geochemistry, Geophysics, Geosystems* 19, 787–806. <https://doi.org/10.1002/2017GC007367>.

Gradstein, F.M., Ogg, J.G., Schmitz, M.D., Ogg, G.M., 2012. *A Geologic Time Scale 2012*. Cambridge University Press, New York. 1176 pp.

Hilgen, F.J., Abels, H.A., Kuiper, K.F., Lourens, L.J., Wolthers, M., 2015. Towards a stable astronomical time scale for the Paleocene: Aligning Shatsky Rise with the Zumaia – Walvis Ridge ODP Site 1262 composite. *Newsletters on Stratigraphy* 48/1, 91–110. doi: 10.1127/nos/2014/0054.

Imbrie, J., Imbrie, K.P., 1979. *Ice Ages: Solving the Mystery*. Macmillan, 224 pp.

Kuiper, K.F., Deino, A., Hilgen, F.J., Krijgsman, W., Renne, P.R., Wijbrans, J.R., 2008. Synchronizing Rock Clocks of Earth History. *Science* 320, 500–504. <https://doi.org/10.1126/science.1154339>.

Laskar, J., Robutel, P., Joutel, F., Gastineau, M., Correia, A.C.M., Levard, B., 2004. A longterm numerical solution for the insolation quantities of the Earth. *Astron. Astrophys.* 428, 261–285. <https://doi.org/10.1051/0004-6361:20041335>.

Lisiecki, L.E., Raymo, M.E., 2005. A Pliocene-Pleistocene stack of 57 globally distributed benthic  $\delta^{18}\text{O}$  records. *Paleoceanography* 20, PA1003. <https://doi.org/10.1029/2004PA001071>.

Ray, N., Adams, J., 2001. A GIS-based vegetation map of the world at the Last Glacial Maximum (25,000–15,000 BP). *Internet Archeology* 11.

Ruddiman, W.F., 2013, *Earth's Climate: Past and Future*. 3<sup>rd</sup> edition. WH Freeman, 465 pp.

## Additional Reading:

Hinnov, L.A., 2018. Cyclostratigraphy and Astrochronology in 2018. Chapter 1. *Stratigraphy & Timescales*. Elsevier, pp. 1–80. <https://doi.org/10.1016/bs.sats.2018.08.004>.

Meyers, S.R., 2019. Cyclostratigraphy and the problem of astrochronologic testing. *Earth-Science Reviews* 190, 190–223. <https://doi.org/10.1016/j.earscirev.2018.11.015>.