

Z8308 Fluvial geomorphology – recommended reading for ERASMUS+ students

BOOKS

- Knighton, D. (1998): *Fluvial Forms and Processes: A new perspective*. Routledge, London, 400 p.
Chapter 2: Drainage networks, subchapters “Channel initiation” and “Network evolution”
Chapter 4: Fluvial processes
Chapter 6: Channel changes through time
- Fryirs, K.A. – Brierley, G.J. (2013): *Geomorphic analysis of river systems: An approach to reading the landscape*. Wiley-Blackwell, Chichester, 345 p.
Chapter 8: Instream geomorphic units (p. 132-154)
Chapter 10: River diversity (p. 174-204)

JOURNAL PAPERS

(Dis)connectivity in fluvial systems

- Fryirs, K. – Brierley, G.J. – Preston, N.J. – Kasai, M. (2007): Buffers, barriers and blankets: the (dis) connectivity of catchment-scale sediment cascades. *Catena* 70, 49-67.

Fluvial biogeomorphology

- Gurnell, A.M. (2014): Plants as river system engineers. *Earth Surface Processes and Landforms* 39, 4-25.

Evolution of fluvial systems in Quaternary

- Vandenberghe, J. (2002): The relation between climate and river processes, landforms and deposits during the Quaternary. *Quaternary International* 91, 17-23.