

A curated list of papers for the Winter 2021 GRT Apennine Mountains theme:

- 1. Cowie, P., Attal, M., Tucker, G., Whittaker, A., Naylor, M., Ganas, A., and Roberts, G., 2006,** Investigating the surface process response to fault interaction and linkage using a numerical modelling approach: *Basin Research*, v. 18, no. 3, p. 231-266.
- 2. Whittaker, A. C., Cowie, P. A., Attal, M., Tucker, G. E., and Roberts, G. P., 2007,** Bedrock channel adjustment to tectonic forcing: implications for predicting river incision rates: *Geology*, v. 35, no. 103-106.
- 3. Whittaker, A. C., Attal, M., Cowie, P. A., Tucker, G. E., and Roberts, G., 2008,** Decoding temporal and spatial patterns of fault uplift using transient river long profiles: *Geomorphology*, v. 100, p. 506-526.
- 4. Attal, M., Cowie, P., Whittaker, A., Hobley, D., Tucker, G., and Roberts, G. P., 2011,** Testing fluvial erosion models using the transient response of bedrock rivers to tectonic forcing in the Apennines, Italy: *Journal of Geophysical Research: Earth Surface*, v. 116, no. F2.
- 5. Tucker, G. E., McCoy, S. W., Whittaker, A. C., Roberts, G. P., Lancaster, S. T., and Phillips, R., 2011,** Geomorphic significance of postglacial bedrock scarps on normal-fault footwalls: *Journal of Geophysical Research: Earth Surface*, v. 116, no. F1.
- 6. Benedetti, L., Manighetti, I., Gaudemer, Y., Finkel, R., Malavieille, J., Pou, K., Arnold, M., Aumaître, G., Bourlès, D., and Keddadouche, K., 2013,** Earthquake synchrony and clustering on Fucino faults (Central Italy) as revealed from in situ ³⁶Cl exposure dating: *Journal of Geophysical Research: Solid Earth*, v. 118, no. 9, p. 4948-4974.
- 7. Roda-Boluda, D. C., D'Arcy, M., Whittaker, A. C., Gheorghiu, D. M., and Rodés, Á., 2019,** ¹⁰Be erosion rates controlled by transient response to normal faulting through incision and landsliding: *Earth and Planetary Science Letters*, v. 507, p. 140-153.
- 8. Geurts, A. H., Whittaker, A. C., Gawthorpe, R. L., and Cowie, P. A., 2020,** Transient landscape and stratigraphic responses to drainage integration in the actively extending central Italian Apennines: *Geomorphology*, v. 353, p. 107013.

Additional, but far from an exhaustive list, references:

- Armitage, J. J., Duller, R. A., Whittaker, A. C., and Allen, P. A., 2011, Transformation of tectonic and climatic signals from source to sedimentary archive: *Nature Geoscience*, v. 4, no. 4, p. 231-235.
- Cosentino, D., Cipollari, P., Marsili, P., and Scrocca, D., 2010, Geology of the central Apennines: a regional review: *Journal of the Virtual Explorer*, v. 36, no. 11, p. 1-37.
- Cowie, P. A., and Roberts, G. P., 2001, Constraining slip rates and spacings for active normal faults: *Journal of Structural Geology*, v. 23, p. 1901-1915.
- Cowie, P. A., Roberts, G. P., Bull, J. M., and Visini, F., 2012, Relationships between fault geometry, slip rate variability and earthquake recurrence in extensional settings: *Geophysical Journal International*, v. 189, no. 1, p. 143-160.
- d'Agostino, N., Jackson, J., Dramis, F., and Funicello, R., 2001, Interactions between

- mantle upwelling, drainage evolution and active normal faulting: an example from the central Apennines (Italy): *Geophysical Journal International*, v. 147, no. 2, p. 475-497.
- Faccenna, C., Becker, T. W., Miller, M. S., Serpelloni, E., and Willett, S. D., 2014, Isostasy, dynamic topography, and the elevation of the Apennines of Italy: *Earth and Planetary Science Letters*, v. 407, p. 163-174.
- Geurts, A. H., Cowie, P. A., Duclaux, G., Gawthorpe, R. L., Huismans, R. S., Pedersen, V. K., and Wedmore, L. N., 2018, Drainage integration and sediment dispersal in active continental rifts: A numerical modelling study of the central Italian Apennines: *Basin Research*, v. 30, no. 5, p. 965-989.
- Mildon, Z. K., Roberts, G. P., Faure Walker, J. P., and Iezzi, F., 2017, Coulomb stress transfer and fault interaction over millennia on non-planar active normal faults: the M_w 6.5–5.0 seismic sequence of 2016–2017, central Italy: *Geophysical Journal International*, v. 210, no. 2, p. 1206-1218.
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- Whittaker, A. C., 2012, How do landscapes record tectonics and climate?: *Lithosphere*, v. 4, no. 2, p. 160-164.
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