Ocean Subduction Dynamics in the Alps — P. Agard (Sorbonne Univ.) & M. Handy (Frei Univ. Berlin)  

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- All ocean fragments subducted+recovered in the Alps
- Insights onto oceanic subduction and later evolution

- 2 types: sedimentary (S) vs mafic/ultramafic (MUM)
- Contrasting depths between S/MUM and W-/C-/E-Alps
- During first 1/2 of the history nothing is recovered!

- 4 sectors defined by oceanic remnants which persisted throughout Alpine convergence
- Representative P-T regime of mature subduction (+ no tectonic overpressure)
- Structural and petrological inheritance modulates subduction dynamics and rock recovery; contrasts with continuous lithosphere; HP-LT record over-represents slow oceans (e.g. Cyclades)
- Reflects (slow) closure of a slow-spreading ocean during ~60 Ma