

# Comparing field, probabilistic, and 2D numerical approaches to assess gravel mobility in a gravel-bed river

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# Comparing field, probabilistic, and 2D numerical approaches to assess gravel mobility in a gravel-bed river

ICFS 2023

zone

Atelier

**BASSIN DU RHÔNE** 

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- impacts in river channels below dams
- regulate particle displacements and design restoration scenarios

- Slope: 0,0011 m/m  $Q_{mean}$ : 120 m<sup>3</sup>/s  $Q_2$ : 760 m<sup>3</sup>/s
- starved and paved ( $D_{50} \sim 80$  mm vs. 30 mm on the unaffected reach)











