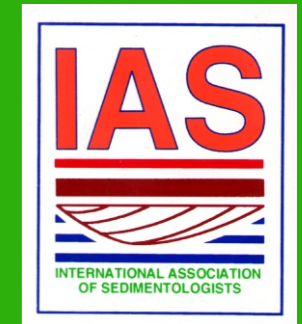




zve všechny zájemce na seminář ze sedimentární geologie (MG421S35A),  
který se koná ve středu **19. března 2025 od 14:50**  
ve **Velké paleontologické posluchárně** a na <https://meet.google.com/hqc-mjbt-bty>

# Direct monitoring of sediment density flows on the ocean floor (IAS Special Lecture)



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The ocean floor comprises two thirds of our planet, and it hosts spectacular networks of channels and canyons formed by often powerful sediment-laden flows, called turbidity currents.

New technological advances allow us to study the processes occurring on the ocean floor in unprecedented detail.

Over the last ten years we have collected some of the first high-resolution measurements of turbidity currents in a series of ocean-floor channels and canyons. These measurements are showing that many of our existing models of turbidity currents are incomplete or even incorrect. The talk will provide an overview of our findings and their implications for our understanding of turbidity currents and their deposits.

