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UMIB 4

Modelling wildfire ash transport by concentrated flow

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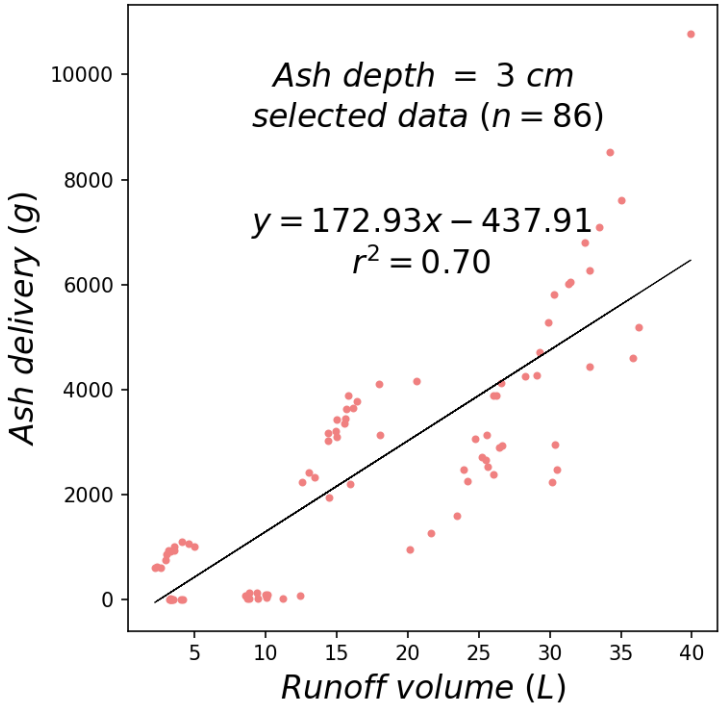
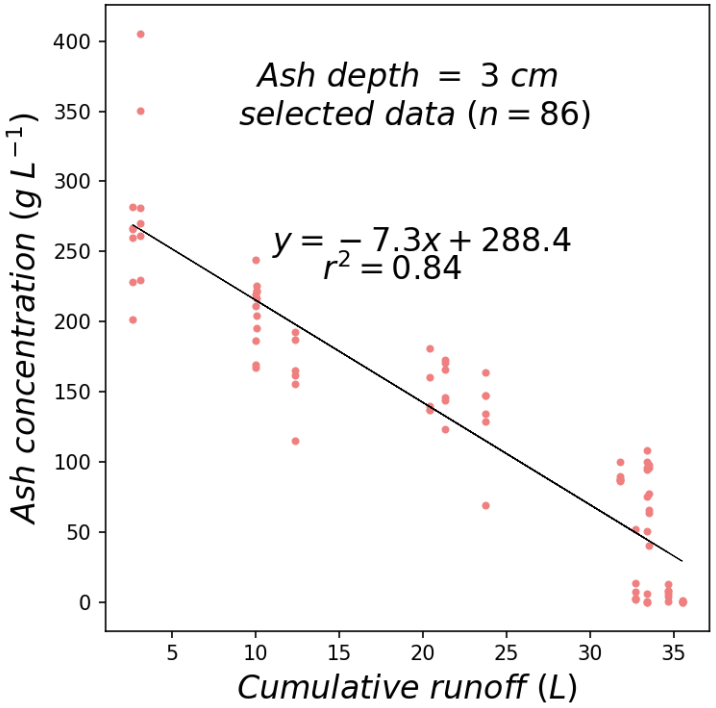
- **Wildfire ash** is enriched in **nutrients and potential contaminants** that can **impact aquatic life and disrupt water treatment operations.**
- **Anticipating ash transport by water** after wildfires is critical to design effective mitigation and response measures to **protect fresh-water quality.**
- Flume experiments were conducted to **model ash transport by concentrated flow.**





- This results has been incorporated to the **WEPPcloud-WATAR,** a new tool aimed at **predicting ash contamination risks after wildfires** (*https://wepp.cloud*)

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