

Figure 1. Gravel Axes Measurements. (A) Photograph measurement using BASEGRAIN (Detertand Weitbrecht, 2013). (B) Manual Measurement using Pebble Box (Ibbeken and Denzer, 1988; Bunte and Apt, 2001).

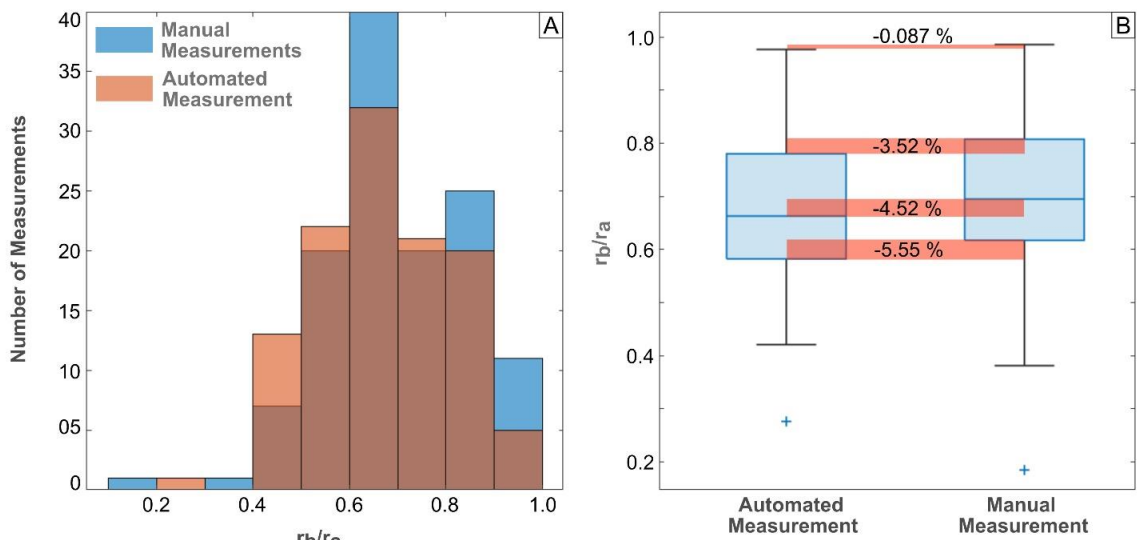


Figure 2. Manual vs Automated Measurement from Photograph from River 4. (A) Histogram. (B) Box-whisker plots.

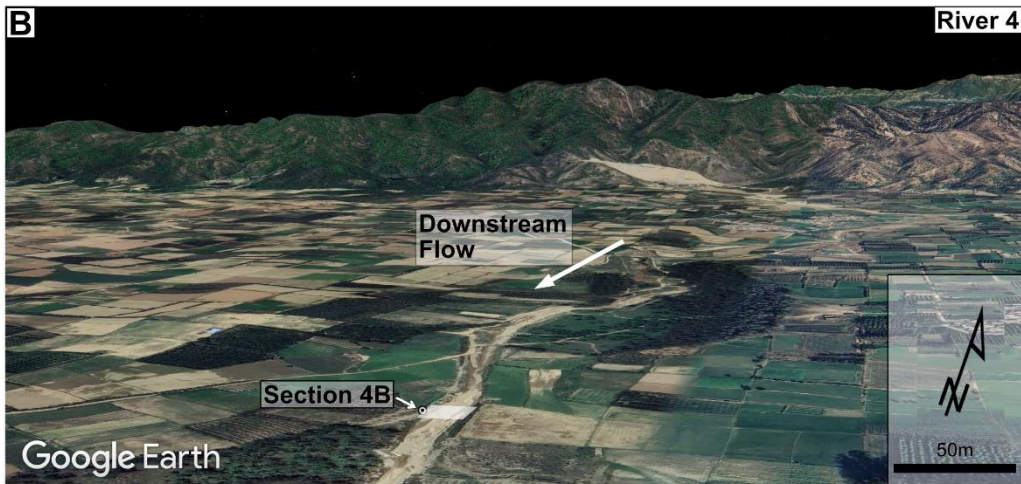
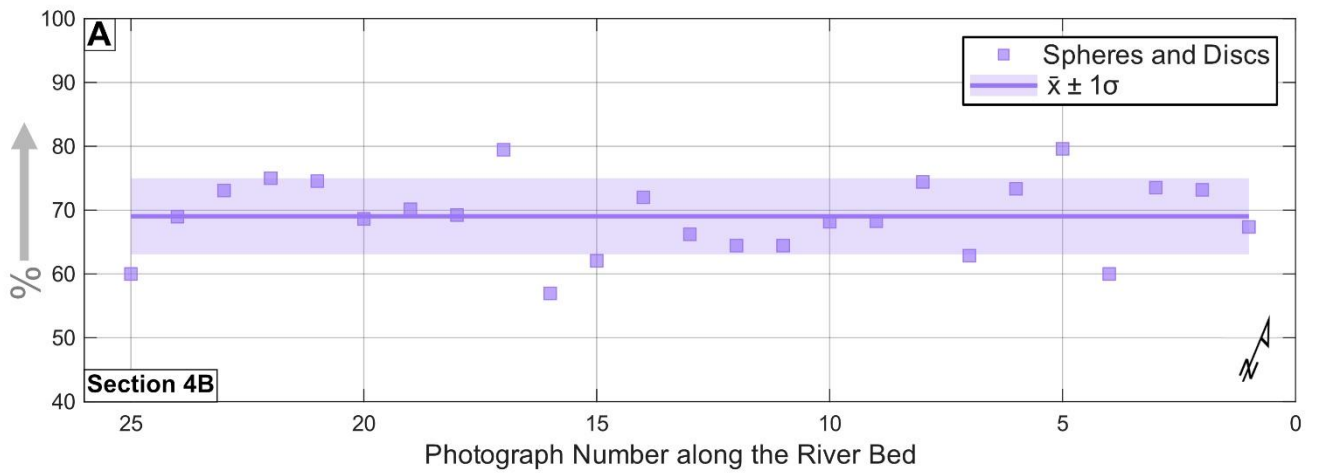


Figure 3. Sensitivity analysis of photograph measurement at section B, River 4. (A) Proportion of spheres and discs from each photograph on the riverbed. (B) Google earth image. (C) Field image.