

## Legend for the River Embankments Analysis:

- **OPEN (O):** Breakage point where a recent (< 1 year) flood originated and is still open with no signs of intervention/rehabilitation on the latest analysed image. A Breakage point is a well-defined notch along the embankment.
- **OVERFLOWS (Of):** Portion of the river embankment where river spillage has recently occurred (< 1 year). Overflows generally take place along shallow portions of the embankments, which could extend several hundreds of meters during the flood.
- **POTENTIAL OVERFLOW (PO):** The point indicating a stretch of river embankment where there is potential for an overflow to occur. These overflows were detected in the previous assessments and no mitigations were identified in the latest satellite image assessed. A flood originating from this portion of embankment is expected when rivers level rise above the river bank.
- **POTENTIAL (P):** The point where there is a high likelihood for flooding to occur due to indicators such as recent vegetation removal, embankment erosion, recurrent water spillage or other signs representing a potential embankment weakness.
- **POTENTIAL old (Po):** Point that in the past was assessed as a portion of the embankment prone to flood due to the detection of criticalities, but that did not show any recent (< 2 years) flood. The situation is considered stable and currently not critical.
- **CLOSED with sandbags (Cs):** Breakage point where a recent (< 2 years) flood originated and which has been fixed using sandbags. This point should also be considered as a POTENTIAL (P) river breakage, as sandbags are a temporary intervention subject to new floods.
- **CLOSED with heavy machinery (Cm):** Breakage point where a recent (< 2 years) flood originated and that has been fixed using heavy machinery. Satellite images show soil heaping to reinforce the river embankment. This point should be considered a CLOSED river breakage as this type of intervention should prevent further flooding in the short to medium term.
- **CLOSED old (Co):** The point where an old (>2 years) flood originated. Signs of rehabilitation may or may not be observed. No flooding has been detected recently, so this point may be considered CLOSED as the situation is stable.