Impacts and causes of the variability of sediment transport

**ROOT CAUSES**
- Climate variability and change
- Low level of financial resources for environmental protection
- Low political will

**UNDERLYING CAUSES**
- Lack of enforcement
- Lack of capacity (identify and assess problems) and mitigation measures (nature-based solutions)
- Lack of monitoring
- Insufficient national and international coordination
- Lack of awareness

**IMMEDIATE CAUSES**
- Unsustainable agricultural practices
- Deforestation
- Extreme weather events (floods and droughts)
- Hydromorphological alterations
- Hydropower plant operations
- Gravel extraction

**IMPACTS**
- Hydropower plant operations
- Gravel extraction
- Changes in sedimentation in rivers and coasts
- Coastal erosion
- Tourism
- Fisheries (freshwater and coastal/marine)
- Biodiversity