

ASRP PROCESS-BASED RESTORATION CHECKLIST

- Identify the watershed physical and biological processes to consider at the site, reach, or GSU (hydrologic, sediment, floodplain, riparian, large wood, biological, chemical).
- What activities may have occurred historically that affected the habitat and watershed processes seen at the site, reach, or GSU today?
- What land use patterns and activities are ongoing that are affecting watershed processes at the site, reach, or GSU?
- What is the social, economic, and cultural context of the site or reach?
- What restoration actions could improve or restore the watershed processes at the site, reach, or GSU and function sustainably in the future?
- Are there human-caused impediments to geomorphic processes at the site, reach, or GSU?
- Are there opportunities to remove these impediments, and what kind of effects might that cause to on-site or adjacent landowners? Would the change promote more natural geomorphic processes?
- What are the identified limiting factors for this GSU? What are the root causes for the limiting factors?
- What potential solutions exist to address the limiting factors?
- Can the scale of the potential solution address the scale of the problem?
- How would you expect the site, reach, or GSU to evolve over time as a consequence of the project? How would this affect areas upstream and downstream of the project?
- What are the landowner expectations for the site and how will you manage those expectations?
- Will the project be resilient to natural flooding, sediment transport, and drought, even if a flood or drought event were to occur within the first years following project completion?