

	Use Case Title	Descriptive Title (e.g. Improved ET for Groundwater Management)
Must-Haves	Current State or Water Management Challenge	Describe the current decision-making process and the data and models used to support decision making, or the water management challenge where lack of information is precluding progress.
	Desired Result	Describe desired improvements to the decision-making process or the water management challenge described above.
	Need/Gap	Describe the information needed to achieve the desired result (e.g., consumptive use, snow water equivalent, streamflow, vegetation health, etc.). Note: needs should be agnostic to specific solutions.
	Information Requirements	To the extent possible, describe the required characteristics of the data needed to improve the decision, e.g., spatial resolution, temporal resolution, accuracy, latency, and data formats. Include necessary modifications to existing models.
	Partner Potential	Identify the primary organization that would partner with WWAO to develop/implement a potential project to address the need (should it be selected). Provide name(s) and contact information. Primary partner: <Name, contact info> Other interested parties: <Name, contact info>
Supports Needs Prioritization by WWAO	Description/Decision Context	Describe the decision to be made, how the decision is made, and who makes the decision with as much detail as possible, including information about what data are used to inform the decision-making process and who is currently responsible for producing and/or interpreting the data.
	Obstacles to addressing the need	Describe obstacles (e.g., technical, institutional, cultural, financial, etc.) to addressing the need.
	Priority (MI, VI, I)	Provide a rough estimate of the priority of the need as MI, VI, or I. If possible, briefly describe your rationale for the prioritization. <b>MI — Most Important</b> — Refers to needs that are critical in order to sustain socio-economic and/or environmental viability of the Missouri River Basin. These are the highest priority needs that should be considered. <b>VI — Very Important</b> — Refers to needs that, if addressed, would contribute substantially to advancing socio-economic and/or environmental viability of the Missouri River Basin, second only to MI. Every effort should be made to address these needs if resources are available or if they can be addressed opportunistically. <b>I — Important</b> — Refers to needs of high value that should be addressed if resources allow.
Supports WWAO Project Development & Partnering	Current Workflow	Describe the flow of information from a set of inputs to models (as appropriate) to outputs (e.g., monthly reports, graphs, etc.) that are used to make the decision.
	Potential Data Sources	Describe potential sources of information that are aligned with the data characteristics defined above.
	Participants	Describe the primary participants who are impacted by this need.