

While not intended to serve as a comprehensive study profile, completion of this preliminary evaluation sheet will identify application specific factors to better assist in optimum telemetry system design.

Project Name _____ **Date** _____

Project Leader _____

Organization(s) _____

Address _____ City _____ Country _____

Telephone _____ Fax _____

email _____

Objectives What question(s) will the telemetry system assist in answering?

Term of Project _____ **(Seasonal) Study Period:** _____

Project Site Characteristics

<u>Geographic Description</u>	<u>Topology</u>
<input type="checkbox"/> Remote	<input type="checkbox"/> Mountain
<input type="checkbox"/> Urban	<input type="checkbox"/> Forest
<input type="checkbox"/> Rural	<input type="checkbox"/> Valley/Canyon
	<input type="checkbox"/> Flat marshland

Specific Fixed Station site considerations.
proximity to:
 Hydro facility
 Power Lines
 Communication Tower
 Heavy Equipment/Construction/Boat Traffic
 velocity barrier
 electric barrier other _____

Study Parameters

Species: _____
 Average size/weight _____
 # of fish to be tagged: _____
 Tracking Method _____

_____ boat	_____ %
_____ ground	_____ %
_____ automobile	_____ %
_____ aircraft	_____ %

Release Strategy _____ per _____
 Minimum operational life requirement _____
 Transmitter Attachment method: _____
 Fixed Datalogging station(s) _____
 Intended Data Retrieval Frequency _____ per _____

Water Characteristics

Conductivity (σ) _____ μ S/cm or Seasonal σ Range _____ Turbidity _____ Temp. Range _____

	<u>Name</u>	<u>Area</u> (as related to project)	<u>Length</u>	<u>Depth</u> _{ave}	<u>Width</u> _{ave}	<u>Depth</u> _{max}	<u>Width</u> _{max}
<input type="checkbox"/>	Lake	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	River	_____	_____	_____	_____	_____	_____
<input type="checkbox"/>	Reservoir	_____	_____	_____	_____	_____	_____

	<u>Study Area (approximate)</u>	<u>Depth</u> _{ave}	<u>Depth</u> _{max}	<u>Tidal Range</u>	<u>Typical Bottom Substrate</u>
<input type="checkbox"/>	Estuary	_____	_____	_____	Mud <input type="checkbox"/> Cobble/Rocks <input type="checkbox"/>
<input type="checkbox"/>	Marine	_____	_____	_____	Sand <input type="checkbox"/> Varied <input type="checkbox"/>