

Worksheet for Fish Session III (Tuesday afternoon)				
Gap	Data or Modeling?	Approach to Address Gap	Species of Relevance	Likely Funding Source
Coordination among and between agencies/University	Data sharing, logistic	Develop a formal or informal coordination network	All	Land Management Agencies, University, Industry
Watercourse/wetland LTER sites across the Slope...for all workgroups	Data and model	Identify a number of key locations (e.g., tundra streams, glacial fed stream) and collect information on a number of variables.	All	Land Management Agencies, University, Industry
Remote Sensing data (current and historical)	Data	Secure funding for purchase of data. Identify entity for data storage and distribution	All	
Mapping				
Information and mapping of streams and waterbodies	Data	DEM's; remote sensing	All	Land Management Agencies, University, Industry
Improve DEM quality and availability	Data and model	Secure funding for purchase of DEM	All	Land Management Agencies, University, Industry
Lack of a complete anadromous and resident fish population database	Data	ID entity to maintain & distribute	All	Land Management Agencies, University, Industry
Inability to estimate water depth via remote sensing techniques	Data and model		All	Land Management Agencies, University, Industry
Hydrology				
Lack of stream gage data	Data	Secure funding for purchase and maintenance of stream gages	All	Land Management Agencies, University, Industry
Information on stability of watercourses	Data and model	DEM's; remote sensing		
Biology				
Lack basic information on fish (population demographics)	Data	Develop a formal data collection protocol	All	Land Management Agencies, University, Industry
Lack of basic habitat information - based on life history strategies	Data	Identify a number of key locations, quantify habitat structure.	All	Land Management Agencies, University, Industry
Document range expansion of Pacific Salmon on the North Slope	Data	Sampling and monitoring	All	Land Management Agencies, University, Industry