Collaborator/Name, affiliation	Students: Name, degree program, and Research topic	Study sites location (Lat/Long or UTM coordinates)	Sensors used (In-situ and satellite)	Data formats, rate of acquisition, amount
Bradford G. Nickerson	Jing Lu, MCS, "Software Architecture for Environmental Sensor Webs"	45 deg. 56 min. N, 66 deg. 40 min. W	MICA2 sensor nodes, connected to 19 sensors including (a) Omega Technologies thermocouple PP-T-24 (10), (b) Blue Earth Research MiniCap2 RH (Relative Humidity, 2), (c) Global Water Instrumentation Inc. WL300 (water level, 1), (d) Hamamatsu Si Photodiode S1133-14 (ceramic, 4), (e) Spectrum Technologies, Inc. 2250 (electrical conductivity, 1), (f) Spectrum Technologies, Inc. 2010 (oxidation reduction potential, 1)	varies, but probably every 15 minutes, total of about 100 bytes per minute (2 bytes per second)

Processing software, data distribution tools	Image analysis and visualization tools	GIS tools	Publications: List, Downloadable files or links to url	Links to research projects: Provincial/National/International
MICA2 TinyOS, Java, custom C code	Java	Java	(a) Lu, Jing "Software Architecture for Environmental Sensor Webs", MCS thesis proposal, June 4, 2003; (b) Crossbow Technology, Inc. "MPR - Mote Processor Radio Board MIB - Mote Interface / Programming Board User's Manual", Rev. B, May 2003, Document 7430-0021-01, available from http://www.xbow.com/Support/manuals.htm	(a) Mainwaring, Alan; Polastre, Joseph and Szewczyk, Robert. "Wireless Sensor Networks for Habitat Monitoring", ACM Int. Workshop on Wireless Sensor Networks and Applications, Atlanta, GA, pp 88-97, September 2002.