

NRM F370 Introduction to Watershed Management

Fall 2016
3 Credits

Instructor: Norman R. Harris
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Contact Information

Office Hours: 10:00 to 12:00 PM Mondays or by appointment. I maintain an open door policy. If I am in, I can usually talk.

E-mail: nrharris@alaska.edu O H D V H W a r s o n e O H D V V ' L Q W K H V X E M H
line, so you do not get buried in my email!

Phone: (907) 746-9475 (Leave a message if I am not in and I will get back to you)

Lab: 8:30 ±11:30 am, Friday, AHRB 183 (Fairbanks) and DDC (Palmer)

Laboratory	Date	Topic
1	Sept.9	Project Initiation: Watershed Assessment Team (WAT) section assignment Develop Workflow and Data Requirements GIS Background
2	Sept.16	WAT Meeting: Identify Watershed Problems, Develop Goals and Objectives GIS Lab 1 ±Delineation of a Watershed Boundary Guest Lecture: TBD
3	Sept.23	WAT Meeting: GIS Lab 2 ±Extraction of Raster Layers using the Watershed Mask Guest Lecture: Jeff Falke (UAF Assistant Professor School of Fisheries and Ocean Sciences)
4	Sept. 30	WAT Meeting: GIS Lab 3 ±Extraction of Hydrology Data, Editing of Shapefiles, and Determining and Entering the Strahler Order Guest Lecture: Mark Clark (Retired NRCS Soil Scientist)
5	Oct. 7	WAT Meeting: GIS Lab 4 ±Terrain Analysis and Creation of Indices Guest Lecture: Bill Collins (Alaska Dept. of Fish and Game Wildlife Biologist)
6	Oct. 14	WAT Meeting: GIS Lab 5 ±Landform Mapping Guest Lecture: Dot Helm (Retired UAF Vegetation Ecologist)
7	Oct. 21	WAT Meeting: GIS Lab 6 ±Bringing Agency Data into GIS Database Guest Lecture: