WRD Scientific and Technical Employee Development (STED) Committee

Our charge:

- Provide guidance and feedback on employee technical development to WRD and OED
- Ensure that employees have the necessary technical skills to:
  - continue the scientific excellence of the water resources programs within the USGS,
  - meet the challenges of new science directions, and
  - accomplish the mission of the USGS

Our mission:

- Provide the leadership necessary to guide the design and maintenance of a coordinated scientific and technical employee development program for WRD staff

We believe an effective employee development program provides opportunities for individuals to improve employee performance and enhance skills and capabilities that will assist them in maximizing their full potential.

Our members (total of 12):

- Rotational water science center members represent:
  - Studies Section Chiefs, Center Directors, Hydrologic Technicians, NRP, IT Specialists, Data Chiefs
- Rotational discipline office members represent:
  - OSW, OGW, OWQ, NWIS
- Permanent members represent:
  - NTC, Senior Staff

Our short-term goals:

- Continue to develop, populate, maintain, and promote the STED web page as the primary source of STED communication to WRD personnel.

•Develop
•Populate
•Maintain
•Promote

http://training.usgs.gov/STED/STED_Index.html

Our short-term goals:

•Continue to promote Technology Enabled Learning and establish an electronic learning repository for WRD personnel featuring links to a wide variety of instructional and informational material.

•New and existing courses
•Presentations
•How-to videos
•Classroom training
•Online training
•Blended training

Our short-term goals:

- Continue to develop, populate, maintain, and promote the STED web page as the primary source of STED communication to WRD personnel.
- Continue to promote Technology Enabled Learning and establish an electronic learning repository for WRD personnel featuring links to a wide variety of instructional and informational material.
- Assist in planning and development of an "Essential and Recommended" training program for all surface-water hydrographers in WRD.

Our long-term goals:

- Promote the development of "Essential and Recommended" training programs for the ground-water and water-quality disciplines for use by all scientific and technical WRD employees.
- Investigate opportunities for a WRD advanced scientific education program to meet USGS mission goals and encourage career development.
- Consider the advantages of a regionally based cooperative education program with selected colleges and universities as a means to promote training of potential future scientific and technical WRD employees.

Our short-term goals:

- Continue to develop, populate, maintain, and promote the STED web page as the primary source of STED communication to WRD personnel.
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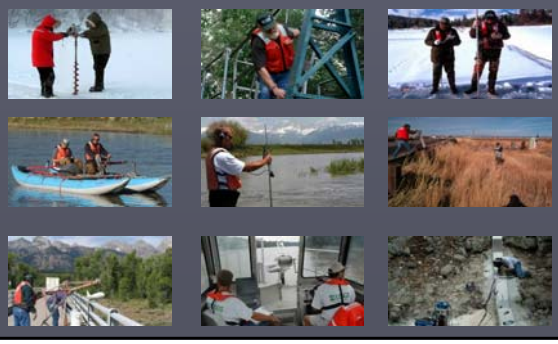
Surface-Water Training Update



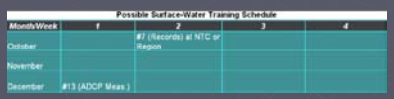
WRD Demographics indicate that 30% of hydrologic technicians can retire in the next 5 years!

Brought to our attention by the Central Region Advisory Committee on Data (CRACD)

Discussions between CRACD, OSW and STED led to the following activities:

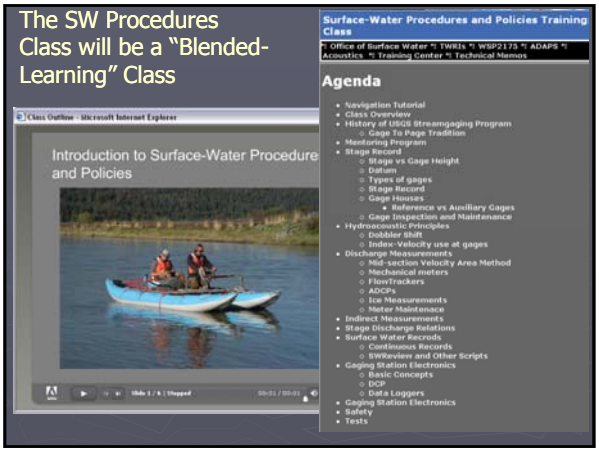
- A mandatory class for all new hydrographers

- Developing a formal Surface-Water Training Schedule



- STED is working to develop and catalog TEL opportunities

The SW Procedures Class will be a "Blended-Learning" Class



We have applied for Human Resources Initiative funds to help fund development of this new class

- We know of no funds within WRD earmarked for maintaining or developing training

The new training schedule will mostly involve developing a rigid schedule for classes that are already being offered

Possible Surface-Water Training Schedule

Month\Week	1	2	3	4
October		#7 (Records) at NTC or Region		
November				
December	#13 (ADCP Meas.)			
January		#10 (Basic Hydraulics) at NTC	#14 (Records , ADCPs and Index-velocity Methods)	
February	#7 (Records) at Gateway	#6 (Hydraulics for Hydrographers) at NTC	Streamflow Records Computation using Hydroacoustic Current Meters and Index-velocity Methods	
March	#13 (ADCP Meas.)	#7 (Records) at NTC or Region		
April			#2 (Field Methods) at NTC	#3 (Electronics) at NTC
May	#4 (DCPs) at HIF	#2 (Field Methods) at Gateway		
June	#9 (Indirects) at NTC or Region			
July			#8 (Levels) at NTC or Region	
August	#5 (Ratings) at NTC or Region	#11 (Hyd. Analysis-1) at NTC	#12 Hyd. Analysis-2) at NTC	
September			#3 (Electronics) at HIF	#2 (Field Methods) at HIF

STED is reconstructing their web page to be "one-stop shopping" for TEL classes

All Surface-Water "On Demand" training, which has been summarized in a recent Fact Sheet, will be cataloged on the new STED page

See:
http://pubs.usgs.gov/fs/2007/3099/

We could use really use your help compiling Videos, Web-based materials and CDs that could provide "TEL-like" training opportunities

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