

CWR 5125 – GROUNDWATER HYDROLOGY
HOMEWORK No. 1 – Fall 2021
Instructor: Professor Fuentes

Homework is graded over 100 and all problems/questions have same value. Homework must be individually completed, unless the instructor indicates otherwise.

Virtual Tour

1) (50 points). Visit the United States Code and briefly describe the *direct* relevance of the following Statutes or Acts to the protection of groundwater quality:

- a) *RCRA (Resource Conservation and Recovery Act of 1974)*
- b) *SARA (Superfund Amendments and Reauthorization Act of 1986)*
(complete rewrite of CERCLA (Comprehensive Environmental Response , Compensation and liability Act of 1980)
- c) *SDWA (Safe Drinking Water Act of 1974)*

2) (50 points). Consult the web sites of the following federal, state and county agencies (see list below) and then report – in 25 to 50 words – on their main role in the management of “groundwater”, if any:

- a) US Geological Survey
- b) US Environmental Protection Agency
- c) Florida Department of Environmental Protection
- d) Miami-Dade County Water & Sewer Department

Due Date: Agosto 31, 2021 at instructor’s departmental mailbox (if earlier) or at 5:00PM in class.

Reading Assignment: Parts I and II (Refer to our Syllabi)

Exam No. 1: October 5, 2021