

CWR 5125 – GROUNDWATER HYDROLOGY
HOMEWORK No. 1 – Fall 2023
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) (20 points). Visit the United States Code and briefly describe the *direct* relevance of the following Statutes or Acts to the protection of groundwater quality in 25 to 50 words:
 - a) *RCRA (Resource Conservation and Recovery Act of 1974)*
 - b) *SDWA (Safe Drinking Water Act of 1974)*

- 2) (80 points). Consult the web sites of the following federal, state and county agencies (see list below) and then report – in 50 to 100 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: August 29, 2023 at instructor’s departmental mailbox (if earlier) or at 5:00PM in class.

Official Study Assignment: Modules 1 and 2 (Refer to our Syllabi)

Exam No. 1: September 26, 2nd lecture)