

CWR 5125 – GROUNDWATER HYDROLOGY
HOMEWORK No. 1 – Fall 2024
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: September 3, 2024 at instructor’s departmental mailbox (if earlier) or at 5:00PM in class.

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

Exam No. 1: October 8, 2024, 2nd lecture)