Groundwater Management

Syllabus – Administrative Items

Readings
We will incorporate readings from the scientific community, data summaries, news items, reference tables and a variety of other sources. We will discuss the findings, purpose and provenance of technical documents used. Documents will be posted to the course’s GauchoSpace site, referenced in public sources, and reserved for esm226 at the Davidson Library.

Grading

♦ 40% - Problem sets (approximately four assignments)
  › Assignments may require mostly narrative responses (aprx 2 pages text), or technical product (e.g., excel data files and hydrographs, mapping/GIS products), or some combination.

♦ 50% - Final Project -- Case Study
  › Topic is based on a specific groundwater basin
  › Includes analysis, proposed actions and management plan
  › Individual or 2-person effort
  › Final, written report (aprx 15 pages plus any technical appendices)

♦ 10% - Final Project Presentation and Class Participation
  › Oral presentation of final project study and findings (10-12 min presentation, plus ~3 min Q&A). Presentations will be made during the regularly scheduled final exam period.
  › Preparedness for class discussion

♦ All submitted materials should be concise and in a style appropriate to a professional client.

Prerequisite
Background coursework or reading in hydrogeology.

Office Hours
[location tbd] After class or by appointment

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