**Course Description**

This 5-day, no-cost course presents an introduction to groundwater flow simulation using MODFLOW.  The course will be taught using the current core version of MODFLOW, MODFLOW 6.  In addition to discussing the feature and mechanics of using MODFLOW 6, this course provides a review of the basic concepts of groundwater flow and emphasizes the process of simulation analysis.  A series of problem sets are presented that are designed to illustrate concepts such as the development of conceptual models and strategies for model calibration.  **This course is intended as an introduction to groundwater flow modeling with MODFLOW.**  Hydrologists with extensive modeling experience looking primarily for an introduction to the new features of MODFLOW 6 should not take this course. Click [here](https://doimspp.sharepoint.com/:w:/r/sites/gs-wma-hytest/Shared%20Documents/Team%20-%20Training/Future%20Classes/Modeling%20Groundwater%20Flow%20with%20MODFLOW/MODFLOW_Course_Agenda_2023_SanDiego.docx?d=w8ef272361de74cfeb405ce48c140e4c9&csf=1&web=1&e=wwKJl7) for course agenda.

**Course Prerequisites (Optional)**

Completion of course GW2192 (Ground-Water Flow Systems Analysis & Modeling) or equivalent university courses on groundwater analysis is strongly recommended but not required.

**Intended Audience**

This course is open to all USGS employees who meet the requirements described above in Course Prerequisites. Cooperators may attend if sponsored by a local USGS office. **There are only 25 spots available for this course.**

**Course Dates and Location​​​​​​​**

This class will be held Monday, January 9th - Friday January 13th, 2023 from 8 am to 5 pm PDT at San Diego State University, San Diego, CA. **Note: Tuition is covered by HyTEST, however, attendees will need to cover travel and lodging.**

**​​​​​​​Course Preparation**

Students will use their own laptop computers during the class.  Microsoft Windows 10 or later is required. Students will be notified about the class agenda, options for hotel accommodations, and specific classroom information at a later date.