集水區水質模式分析

Building a BASINS project and PLOAD Application

- A.   Building a BASINS project and Download the Data
    1. Open the program " BASINS 4" and the following interface will appear on the screen
    2. As the project is not exists, the first exercise is to build the project. Click on the " Build New BASINS Project"
    3. Zoom Out the BASINS interface by using this tool until all the map of US territory is appeared
    4. Using the Zoom-in tool and point into the Hawaii Island
    5. Select the Oahu Island by using the Selection tool
    6. Click the "Build" to build the BASINS project
    7. Set the Projection: Most of the available GIS data for Oahu is in the projection
    8. 3 layers will be generated and the BASINS Project
    9. Download additional data from EPA BASINS Download data center by using the BASINS Download data tool
    10. Download: "NHD", "Met Stations", "Daily Discharge"

- B.   Import the external data into a BASINS project
  1. Import the GIS data into the BASINS project
  2. Delineate the watershed

- C.   PLOAD Application

  Exercise of PLOAD application for existing land use