

ENVIRO-HYDRO

The Roman Aqueduct was an engineering masterpiece. The Enviro-Hydro competition is a day of design competition focusing on the roman aqueduct. Students will analyze, design, draft, and present their designs to a panel of judges.

Competition Requirements:

Design

Students will be given a design and analysis problem utilizing elements from both Environmental Engineering and Hydraulics/Hydrologic Engineering. Students will create a solution considering the roman aqueducts, Mt. Vesuvius, and Famous Roman Cities.

Presentation

- Team will have a maximum of 5 minutes to present
- With 5 minutes for questions from the judges.

Other

- No electronics, all materials will be provided (e.g. paper, FE manual, and other needed charts, diagrams, etc.)
- 15 minutes to review the prompt and ask questions
- 1 hour and 15 minutes of design time will be allotted.
- 5 minutes will be given for each team to present their design, with 5 minutes for questions from the judges.