

Thanos Papanicolaou



Robert and Virginia Wheeler Faculty Fellow of Engineering

Professor: Civil and Environmental Engineering

Graduate Program Coordinator for Hydraulics/Water Resources

✉ athanasios-papanicolaou@uiowa.edu

☎ (319) 335-6448

323B C. Maxwell Stanley Hydraulics Laboratory

The University of Iowa

Iowa City, IA 52242-1585

Education:

- Ph.D., Civil Engineering, Virginia Tech, 1997
- M.S., Civil Engineering, Virginia Tech, 1993
- Five-Year Degree, Civil Engineering, Aristotle University of Thessaloniki (Greece), 1990

Teaching Interests:

- Hydrodynamics
- Sediment transport
- Environmental fluid mechanics
- Experimental hydraulics

Research:

- Sediment transport issues of cohesive and non-cohesive sediments
- Coupling of upland watershed processes and instream processes
- Sediment-flow interactions
- Bedform formation and migration
- Fluidization phenomena in marine sediments
- Sediment fingerprinting methods
- Geomorphology and numerical sediment transport tools

[Click here for more information about Thanos Papanicolaou](#)