

# Michael Celia

Theodora Shelton Pitney Professor of Environmental Studies.  
Professor and Chair, Department of Civil and Environmental Engineering.  
Ph.D. Princeton University, 1983.



## Research Interests

Michael Celia is the Theodora Shelton Pitney Chair of Environmental Studies and Chair of the Department of Civil and Environmental Engineering. His areas of research include groundwater hydrology, ecohydrology, numerical modeling, contaminant transport simulation, and multiphase flow in porous media, with applications focused on ecohydrology in water-limited ecosystems and on large-scale geological sequestration of carbon dioxide. The ecohydrology work is part of a large multi-disciplinary project referred to as *Water in Africa*, with a focus on modeling and field work in the semi-arid regions of sub-Saharan Africa. The carbon work is part of a large multi-disciplinary effort at Princeton known as the Carbon Mitigation Initiative.

## Areas of Expertise

Environmental and Water Resources Engineering

## Contact Information

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