

# Greening From the Ground Up: Integration of Ground Source Heat Pumps into Historic Buildings

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**Featured speaker: Mark Nussbaum**

**6:30 to 7:30 p.m.**

**Thursday, April 13**

**Village Hall Council Chambers**

**123 Madison St., Oak Park**

*45-minute talk followed by 15-minute Q&A*



*Mr. Nussbaum's work includes heat pump systems at Pleasant Home and Unity Temple (above).*

**Mark E. Nussbaum, P.E.** is the Founder and Principal at Architectural Consulting Engineers in Oak Park, and is currently a registered professional engineer in Illinois, Indiana, Ohio, and Wisconsin. He has been in private practice since 1995. The two principal areas in which Mark works are: Historic Properties; and the integration of energy-efficient technologies including geothermal systems whenever possible. Mark also uses building science principles to support his evaluation of building envelopes, which helps him to identify environmental or systemic related issues that can impact the historic structure of a building or the collections housed within.



**Hosted by the Historic Preservation  
Commission in collaboration with the  
Environment & Energy Commission**