

The Environmental Change Initiative presents:

“Phosphorus, Food, and Our Future”

DR. JAMES ELSER

Regents' Professor & Parents Association Professor

Distinguished Sustainability Scientist

Arizona State University School of Life Sciences

University of Notre Dame Class of 1981



Friday, October 12

3:30-4:30 p.m.

283 Galvin Auditorium

Abstract

Phosphorus is the 15th element in the Periodic Table and is essential for formation of our genes and our bones. It is also limiting to productivity in ecosystems and for crops. However, runoff of P from farms and cities pollutes lakes and oceans while concerns have recently been raised about how much longer humanity can continue to mine cheap P for fertilizer production. This talk will deal with both sides of the sustainability conundrum for P and highlight ways forward to a sustainable food system.

**ENVIRONMENTAL
CHANGE
INITIATIVE**

