



DEPARTMENT OF GEOGRAPHY AND  
ENVIRONMENTAL SYSTEMS

# **Bringing Social, Information, and Natural Sciences Together to Understand Human Transformation of Earth**

DR. ERLE ELLIS, THE PRINCIPAL INVESTIGATOR OF A UMBC-LED "MASSIVELY COLLABORATIVE" PROJECT PUBLISHED IN *SCIENCE MAGAZINE* WILL DESCRIBE HOW ARCHAEOLOGISTS, GEOGRAPHERS, AND INFORMATION SCIENCE CAME TOGETHER TO SHOW THAT HUMAN SOCIETIES BEGAN TRANSFORMING EARTH THOUSANDS OF YEARS EARLIER THAN KNOWN BY EARTH SCIENTISTS;

**EVIDENCE FOR AN EARLIER ANTHROPOCENE.**

**WEDNESDAY, SEPT 25 2019**

**12- 1 P.M.**

**ITE 229**