SCIENCE AND SUSTAINABILITY – I HAVE… WHO HAS??

I have: a statement that attempts to explain a phenomenon   
or answer a scientific question.  
Who has: natural capital?

I have: the Earth’s accumulated wealth of resources  
Who has: biodiversity?

I have: the cumulative number and range of living things,   
which is declining dramatically.  
Who has: natural experiment?

I have: an experiment in which the researcher cannot   
directly manipulate the variables, and therefore must observe nature.  
Who has: correlation?

I have: a statistical relationship among variables.  
Who has: peer review?

I have: the process by which a manuscript submitted for publication   
in an academic journal is examined by other specialists in the field,   
who provide comments and criticism  
Who has: ecological footprint?

I have: the cumulative amount of land and water required to provide   
the raw materials a person or population consumes and to dispose of   
or recycle the waste that is produced  
Who has: interdisciplinary?

I have: a field that borrows techniques from multiple areas of study  
 and brings the research results together into a broad synthesis  
Who has: dependent variable?

I have: a variable that is directly affected by manipulation   
of the independent variable.  
Who has: industrial revolution?

I have: a shift from rural life, animal-powered agriculture   
and handcrafted goods to an urban society  
Who has: correlation?

I have: statistical relationship among variables.  
Who has: Kirsch Center?

I have: a campus known for featuring drought-tolerant   
plants that require little watering.  
Who has: compact fluorescent bulbs?

I have: replaced incandescent light bulbs.  
Who has: the wind turbine at the University of Maine?

I have: saves $100,000 annually in electricity expenses  
with a corresponding reduction in carbon emissions.  
Who has: Lewis and Clark College in Oregon?

I have: the first college in the nation to comply with the  
Kyoto Protocol.  
Who has: has often resulted in alteration and destruction  
of natural systems?

I have: advances in agriculture  
Who has: Edward O. Wilson’s warning?

I have: biodiversity is a non-renewable resource because  
extinction is irreversible  
Who has: overconsumption?

I have: requirement for a “tragedy of the commons” to occur  
Who has: “triple bottom line?”

I have: an approach to sustainability that attempts to meet  
environmental, economic and social goals.  
Who has: L.E.E.D.?

I have: the leading set of standards for sustainable or green  
building  
Who has: Easter Island?

I have: the best example of a society depleting their resources|  
Who has: a scientific hypothesis?

I have: a testable proposition that explains an observed   
phenomenon or answers a question  
Who has: the highest level of recognition for sustainable design  
and energy efficiency?

I have: L.E.E.D. Platinum ranking  
Who has: Goals set by the International Community at the turn  
of the century?

I have: United Nations Millennium Development goals.  
Who has: He announced in 1961 that by the end of the decade,  
the U.S. would land a man on the Moon and return him safely to  
Earth?

I have: President John F. Kennedy  
Who has: using drought-resistant plants in landscaping?

I have: a major method of water conservation  
Who has: a shift in a dominant or popular scientific view?

I have: a paradigm shift (pronounced: pair-a-DIME)  
Who has: the variable in an experiment that a scientist manipulates?

I have: the independent variable  
Who has: what a person is called who feels that human  
ingenuity will lead us through any difficulty?

I have: Cornucopian  
Who has: a person who predicts doom and disaster?

I have: a Cassandra  
Who has: information expressed with numbers?

I have: quantitative data  
Who has: a hypothesis?