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?