



## Science & Metaphor of a Living Earth

### Presentations on Gaia Theory by Martin Ogle (Entrepreneurial Earth, LLC)

Gaia Theory posits that organic and inorganic components and processes of Earth are enmeshed as a single living system. This living system has greatly moderated global temperature, atmospheric content, ocean salinity, and other factors. In this respect, Earth's living system can be thought of as analogous to an individual organism that regulates body temperature, blood salinity, etc. We also see that human beings are a seamless continuum of the planet. Our economics, energy systems, and even the ways we think and behave, are all part of planetary ecology and evolution.

Gaia theory was developed in the late 1960's by British scientist, Dr. James Lovelock. As part of his research with NASA - when he determined that there was probably *no* life on Mars – he came to his profound new insights about Earth. His idea gained early support from Lynn Margulis, an eminent microbiologist. In the decades since, many of the mechanisms by which life moderates and regulates conditions on Earth have been identified.

Significantly, the name, “Gaia,” (the Greek Goddess of Earth) was suggested by William Golding (author of “*Lord of the Flies*”) to honor the fact that Western science was rediscovering what Western society knew at a “gut” level. The metaphor, “Gaia” connect our science and our humanity; our heads and our hearts. **The science and metaphor of our living planet reveal exciting new insights into how human beings can live sustainably and well.**



**Martin Ogle's multi-media presentations** explore Gaian science and human culture as a new “Gaia Paradigm.” He explores how we can design human systems (especially energy and agricultural systems) and create a “cultural narrative” that is compatible with Earth's living system. **Presentations of 50 minutes – 1 hour and time for discussion afterwards, are adaptable for scientists and non-scientists.**

**Fees vary from \$250 to \$400 for non-profits (slightly higher for businesses).** Expenses (travel and/or lodging) may apply for presentations outside Boulder County, CO. Expenses (travel, lodging, meals) are extra for presentations outside of Boulder County, CO. (Lodging and meals can be “in-kind.”)

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